1. Curricular Aspects (100)

1.1 Curriculum planning and implementation (20)

1.1.2 Number of certificate/diploma program introduced during last five years (5)

Program code	Program name	Name of the Certificate/ diploma introduced in last 5 years	Year of introduction	Date of Event	Company Name	Resource Person	Target Audience with Department
				2014-15			
103	CIVIL ENGINEERING	AUTO CADD	2014-2015	14.12.2014TO26.12.2014	CADD Technologies	Varunkumar M	II CIVIL
103	CIVIL ENGINEERING	STADD PRO	2014-2015	14.12.2014TO16.12.2014	CADD Technologies	Varunkumar M	III CIVIL
104	Computer Science and Engineering	PHP & MYSQL	2014-2015	03.01.15 to 10.01.15	Xplore IT Corp	Mr.Ventatesh saravanan	3rd and 4th year CSE,ECE
106	Electronics andCcommunicationEngineering				XIC (XPLORE IT CORP)		III/IV ECE&CSE
114	MECHANICAL ENGINEERING	SHEET METAL 3D DESIGN AND DETAILING	2014-2015	02.02.2015 to 09.02.2015	MAX CADD	N.Chanthru, P.Gopinath	Third year /Mechanical engineering
				2015-16			
102	AUTOMOBILE ENGINEERING	UNIGRAPHICS	2015-2016	20.07. 2015-03.08. 2015	CADD CENTRE,COIMBATORE.	Mr.PK.SUNDAR	III and IV Year,Automobile Engineering
102	AUTOMOBILE ENGINEERING	SOLID WORKS	2015-2016	20.03.2016-05.04.2016	ARRIS CADD TECHNOLOGY,COIMBATORE	Mr.M.SIVA	IV Year ,Automobile Engineering
103	CIVIL ENGINEERING	AUTO CADD / AUTO CAD	2015-2016	22.06.2015TO29.06.2015	CADD Technologies	Varunkumar M	II CIVIL
139	PETROCHEMICAL ENGINEERING		2015-2016	30/12/2015 TO 15/12/201	CADD TECHNOLOGIES School of design Private	D.Saravanan, M.Siranjeevi	IV-PCE
103	CIVIL ENGINEERING	STADD PRO	2015-2016	22.06.2015TO29.06.2015	CADD Technologies	Varunkumar M	III CIVIL
218	Food Technology	ADVANCES IN AGRI PRODUCE DRYING	2015-2016	19/12/2016 – 22/12/2016	Sakthi Soyas Pvt Ltd.,Pollachi	Mr. Krishnaswamy	IV FT
219	PETROLEUM ENGINEERING	FPSO DESIGN	2015-2016	05.10.2015-12.10.2015	Meridian School Of Oil And Gas	Naveen.R	IIIrd Year, PE
				2016-17			
102	AUTOMOBILE ENGINEERING	SOLID WORKS	2016-2017	25.06.2016-10.08. 2016	ARRIS CADD TECHNOLOGY,COIMBATORE	Mr.R.ARAVINDH	IV Year ,Automobile Engineering
102	AUTOMOBILE ENGINEERING	CAD COURSE	2016-2017	06.02.2017-21.02.2017	CADD CENTRE,COIMBATORE.	Mr.M.BASHA	II Year, Automobile Engineering
103	CIVIL ENGINEERING	AUTO CADD / AUTO CAD	2016-2017	12.12.2016TO20.12.2016	CADD Technologies	Varunkumar M	II CIVIL
139	PETROCHEMICAL ENGINEERING			15/12/2016 to 24/12/2016	CADD TECHNOLOGIES School of design Private	E.Sundar, R.Nivash	IV-PCE
105	Electrical and Electronics Engineering	COURSE ON AUTO CAD ELECTRICAL		19-12-2016 to 29-12-2016	Autodesk , Coimbatore	Mr.M.Surendar &Mr.T.R.I	II EEE ,III EEE
103	CIVIL ENGINEERING	STADD PRO	2016-2017	12.12.2016TO20.12.2016	CADD Technologies	Varunkumar M	III CIVIL
104	Computer Science and Engineering	CCNA NETWORKING COURSE	2016-2017	14.7.16 onwards every Thursday (7days)	Avatar Academy	Mr.P.Amarnath	3rd and 4th year CSE,ECE
105	Electronics andCcommunicationEngineering	CCNA COURSE					3rd and 4th year CSE,ECE
219	PETROLEUM ENGINEERING	FPSO FUNDAMENTAL AND DESIGN	2016-2017	05.08. 2016-12.08. 2016	Meridian School Of Oil And Gas	Naveen.R	IVth Year, PE
219	PETROLEUM ENGINEERING	FUNDAMENTALS ON VFD AND	2016-2017	18.06. 2016-25.06. 2016	Technocrat Automation	A Karthick	IVth Year, PE
				2017-18			
102	AUTOMOBILE ENGINEERING	UNIGRAPHICS	2017-2018	27.11.2017-04.12.2017	HELLAN AUTOMATION SOLUTIONS	Mr.K.MOHANLAL	II and III Year,Automobile Engineering
102	AUTOMOBILE ENGINEERING	CAD/CAM	2017-2018	24.04.2017-02.05.2017	HELLAN AUTOMATION SOLUTIONS	Mr.K.SURESH	II and III Year,Automobile Engineering
103	CIVIL ENGINEERING	AUTO CADD / AUTO CAD	2017-2018	04.06.2018TO12.06.2018	CADD Technologies	Varunkumar M	II CIVIL
139	PETROCHEMICAL ENGINEERING		2017-2018	08/12/2017 to 16/12/2017	CADD TECHNOLOGIES School of design Private	D.Saravanan, M.Siranjeevi	IV-PCE
103	CIVIL ENGINEERING	STADD PRO	2017-2018	04.06.2018TO12.06.2018	CADD Technologies	Varunkumar M	III CIVIL

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2018-19							
103	CIVIL ENGINEERING	AUTO CADD / AUTO CAD	2018-2019	10.06.2019 TO 17.06.201	CADD Technologies	Varunkumar M	II CIVIL
139	PETROCHEMICAL ENGINEERING			30/11/2018 to 08/12/2018	CADD TECHNOLOGIES School of design Private	L.Prakash, M.Siranjeevi	IV-PCE
103	CIVIL ENGINEERING	STADD PRO	2018-2019	10.06.2019 TO 17.06.201	CADD Technologies	Varunkumar M	III CIVIL
104	Computer Science and Engineering	CCNP NETWORKING COURSE	2018-2019	19.12.18 to 26.12.18	Avatar Academy	Mr.P.Amarnath	3rd and 4th year CSE,ECE
106	Electronics andCommunicationEngineering	CCNP COURSE	2018-2019	19/12/18 to 26/12/18	avatar accademy	P.K.Amarnath	III/IV ECE& CSE
104	Computer Science and Engineering	MACHINE LEARNING	2018-2019	17.6.18 to 24.6.18	Xplore IT Corp	Mr.Venkatesh saravanan	3rd and 4th year CSE
105	Electrical and Electronics Engineering	CERTIFICATE COURSE ON"INTERNET OF THINGS"	2018-2019	10-06-19 to 18-06	Prolific system pvt ltd	Mr.K.Sasikumar &Mr.Dhanush	II EEE ,III EEE
219	PETROLEUM ENGINEERING	BASICS ON VFD AND MMI	2018-2019	05.06. 2018-12.06. 2018	Technocrat Automation	A Karthick	IVth Year, PE
219	PETROLEUM ENGINEERING	BASICS ON PNEUMATICS AND FIELD INSTRUMENTS	2018-2019	30.08.2018-06.08.2018	Technocrat Automation	A Karthick	IVth Year, PE

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1. Curricular Aspects (100)				
1.1 Curriculum planning and implementation (20)				
1.1.2 Number of certificate/diploma program introduced during last five years (5)				
2018-2019				
Sl.No	Name of the Certificate/ diploma introduced in last 5 years	Introduced in Curriculum and year	Offered for students of Program	Signature of HoD
1	AUTO CADD	2018-2019	CIVIL ENGINEERING	
2	STADD PRO			
3	CCNP NETWORKING COURSE	2018-2019	COMPUTER SCIENCE AND ENGINEERING	
4	MACHINE LEARNING			
5	CCNP COURSE	2018-2019	ELECTRONICS AND COMMUNICATION ENGINEERING	
6	CERTIFICATE COURSE ON"INTERNET OF THINGS"	2018-2019	ELECTRICAL AND ELECTRONICS ENGINEERING	
7	AUTO CAD	2018-2019	PETROCHEMICAL ENGINEERING	
8	BASICS ON VFD AND MMI	2018-2019	PETROLEUM ENGINEERING	
9	BASICS ON PNEUMATICS AND FIELD INSTRUMENTS			

Principal

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JCT College of Engineering and Technology

Pitchanur
04.06.2018

To Whomsoever it may concern

We have planned to conduct the following Certificate courses in this academic year 2018-19 for various branches of our institution. **Herewith we are declaring that the below claimed certificate program is not in the main regular curriculum.**

Department	Name of the Certificate
PETROCHEMICAL ENGINEERING	AUTO CAD
CIVIL ENGINEERING	AUTO CADD
CIVIL ENGINEERING	STADD PRO
Computer Science and Engineering	CCNP NETWORKING COURSE, MACHINE LEARNING
Electronics and Communication Engineering	CCNP COURSE
Electrical and Electronics Engineering	CERTIFICATE COURSE ON"INTERNET OF THINGS"
PETROLEUM ENGINEERING	BASICS ON VFD AND MMI
PETROLEUM ENGINEERING	BASICS ON PNEUMATICS AND FIELD INSTRUMENTS

Principal

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JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 29/05/2019

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. This course are conducted by CADD TECHNOLOGIES from 10/06/2019 to 17/06/2019.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

(Prof.A.Kumar)
HoD/Civil

29/5/19

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Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

ACADEMIC YEAR 2018-2019

TRAINING PROGRAMME ON **AUTO CAD**

Year/Sem :II/III

Date: 29.05.2019

TIMETABLE

Sl.No	Date	Time	Topic	Name of the Faculty
1	10.06.2019	9.30 AM to 12.30 PM	AutoCAD CAD History, Drawing Templates, Standards Based Design	Prof. A. Kumar & Mr.Varunkumar
		1.30 PM to 4.00 PM	Object Property & Layer Management	Mr.Dileep
2	11.06.2019	9.30 AM to 12.30 PM	Drawing Geometry	Mr.Michael
		1.30 PM to 4.00 PM	Tools for Creating Key Geometry	Mr.Sadhasivam & Mr.Varunkumar
3	12.06.2019	9.30 AM to 12.30 PM	Tools for Manipulating Geometry	Mr.Dileep
		1.30 PM to 4.30 PM	Dimensioning and Annotating Drawings	
4	13.06.2019	9.30 AM to 12.30 PM	Setting Up a Layout	Mr.Michael & Mr.Sadhasivam
		1.30 PM to 4.30 PM	File Management	
5	14.06.2019	9.30 AM to 12.30 PM	Plotting & Printing	Mr.Varunkumar, Mr.Michael
		1.30 PM to 4.30 PM		
6	17.06.2019	9.30 AM to 12.30 PM	The AutoCAD Civil 3D Interface	Mr.Dileep & Mr.Sadhasivam
		1.30 PM to 4.30 PM		
7	18.06.2019	9.30 AM to 12.30 PM	Various Panels Drafting	Mr.Dileep, Mr.Varunkumar,
		1.30 PM to 4.00 PM		

Faculty In-Charge

HOD/Civil

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18-19

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Pichanur, Coimbatore-641105
DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

TRAINING COURSE - AUTO CADD & STADD PRO

RESOURCE PERSON PROFILE

Name : Mr.Varunkumar

Qualification : B.E., (Mechanical)., MBA.,

Total Experience : 6.5 years

Company Name : CADD Technologies

Location : Coimbatore

Skills Developed :

- ✓ Positive attitude and hardworking
- ✓ Communication and multi tasking skills.
- ✓ Self-motivation, taking initiatives to learn and apply.
- ✓ Disciplined and methodical approach to problem solving.

STRENGTHS :

- ✓ Self confidence
- ✓ Problem solving skills
- ✓ Good communication skills

Company Profile

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

With the aim and commitment of providing quality training cum Industrial and Engineering solution to the companies as well as CAD aspirants **M/s.CADD Technologies** came in to inception. We started our journey on 20th Jan 2000 and slowly but the same time steadily we commenced our business outfits across TamilNadu. We started our training division in the name of M/s.CADD Technology and elevated the same as Private Limited Company from July 2012.This is our 16th year in the CAD/CAM Training Industry and having a strong planning in expanding our legs across **South India** and **Middle East**. We are having branches at Pollachi, Salem, Thirunelveli, Madurai and Chennai as of now.

The company is established by the dynamic group of directors who are in to Academic and Research field for more than a decade with a vision of providing Industrial requirement based engineering solutions by which it will have their own presence in overall growth of the Manufacturing and Civil Industry to whom the company got tieup.

We, M/s .CADD Technologies School of Design Private Limited, is an Authorized Training cum Certification Centre of M/s. Autodesk, as well as M/s. PTC in Tamilnadu region. We are providing Training cum engineering solutions to the students as well as companies in the areas like Design Engineering, Industrial Engineering, Manufacturing Engineering, Digital Prototyping and Building Information Modeling.

We have trained more than 20,000 students so far (Both at In-house as well as On-site) and have successfully placed sizable number of candidates in various domestic and MNCs to whom we got tie-up. We also have a Technical Advisory committee, which consists of eminent personalities from the leading industries of Coimbatore as well as professors and lecturers of various colleges of Coimbatore Region who are guiding us to serve the student community in a better way.

We have got our exclusive placement division namely M/s. CT HR Consultancy and we are providing free placement assistance through this division for the students who have completed training with us.

We have been awarded the All India Best New Authorized Training Centre (ATC) for the year 2012-13 by M/s. Autodesk, USA and we were the No 1 ATC in conducting Autodesk International Certification Drive for the year 2013-14 in Tamil Nadu. Also we are one among the India's Top 10 Autodesk ATC this year. We have also awarded **South India's best ATC** for the year 2012-13, 2013-14 and 2014-15 by **PTC**.

Advantages to College for having tie-up with ATC:-

1. **M/s. Autodesk** has entered an MOU with **AICTE** and through which All Engineering colleges comes under AICTE are eligible for getting Free Licenses of Autodesk Products up to **125 seater** from AEP Portal with the support of Technical Team from us. The free software grant is worth about **80 Lakhs** and valid for 3 years.
2. It can utilized for the University Inspection and other accreditation purposes as the License Key will be issued on the College Name only and updated to AICTE directly on successful completion of Downloading.
3. No of License can be increased based on the MOU signed with ATC as the ATC can vouch the student strength and actual requirement.
4. **M/s. Autodesk** and **M/s. PTC** are conducting several design competition to the college students in State and national level. For all such competitions they are also conducting state level workshops for a day or two at some colleges which will be attended by students across Tamil Nadu. Every year we are conducting one day work shop on Autodesk Inventor, Revit and AutoCAD software at various colleges across Tamilnadu to give awareness about the application of Software and its industrial usage along with tips to students for design competition too.
5. **Faculty Development Programs** will be conducted in your college for the staff members your college and staff members from in and around colleges of your region with the technical support from **Autodesk and PTC certified Professionals** on latest Technologies.
6. **Guest Lecture by the Corporate Officials** as well as Industry Professionals may be organized by us.
7. Joint promotional activities for improving student's knowledge in Design Field.
8. Placement Assistance through our HR Division M/s. CT HR Consultancy.
9. Can Establish Student Design Club at your college and student can post their creative at Autodesk and PTC portal. Best creative may get them a job as it has been shared to the industries by both the parent companies.

Advantages to the students when they appear for Professional Certification:-

1. Students will be provided **Training on Latest versions** of Software.
2. Students will be provided **Official Training Courseware** of **Autodesk and PTC**.
3. **Internationally Recognized Certificate with Unique Student ID**.
4. Students Name will be displayed in **M/s. Autodesk** as well as **M/s. PTC web Portal**.
5. **Students can use M/s. Autodesk Logo** in their **Resume** which will help them at the time of Interview.
6. **Free license** to Students also.
7. **Final Year Design projects** can be availed from both Autodesk and PTC.
8. **Students can attend all free webinars** organized by them time to time.
9. Students can get an exposure of Industrial Project while providing Training.
10. Student Expert Program can also be conducted at campus every year to motivate them

18-19.

JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

Year / Sem : II/ III

S.NO	REG.NO	NAME
1	720917103001	ABIN THOMAS
2	720917103003	AJIN.K.GEORGE
3	720917103004	AJITH V
4	720917103005	AMAL.G
5	720917103006	ANEESH.N
6	720917103007	ANISH.R.JACOB
7	720917103008	APARNA.A.V
8	720917103009	ARAVINTH.V
9	720917103010	ARSHAD.M
10	720917103011	BABLU SANTHOSH
11	720917103012	GOPIKA.K.M
12	720917103013	GOWTHAMAN.K.A
13	720917103014	JEFNA JABBAR
14	720917103015	JILSY.J
15	720917103016	JOSHIN THOMAS
16	720917103017	KANCHIVANAM.K
17	720917103018	KARTHEESWARAN B
18	720917103019	MANIKANDAN.S
19	720917103021	MOHAMMAD FASIL
20	720917103022	MOHAMMED MIDLAJ V
21	720917103023	MOHAMMED THANVEER M
22	720917103024	MUBEEN K
23	720917103027	NIMAL KRISHNAN
24	720917103028	NIYAZ MAHMOOD
25	720917103032	SHAFEEK.N
26	720917103033	SHINAS.S
27	720917103034	SHYAM KUMAR K P
28	720917103035	THURUMUDHI ASHFAK K
29	720917103037	ZAKKARIYA A S
30	720917103301	ANAND P.S
31	720917103302	DIVYA T.K
32	720917103303	HANOCH VARGHESE
33	720917103304	NITHIN
34	720917103305	VINOLIYA
35	720917103306	IMDIYAJ.P.H
36	720917103307	KISHORE.K

HOD/CIVIL

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Civil Engineering

AUTOCAD TRAINING COURSE

STUDENTS ATTENDANCE SHEET

S.No.	Reg. No.	Name of the Student	10/06	11/06	12/06	13/06	14/06	17/06	18/06	19/06
1.	720917103001	ABIN THOMAS	/	/	/	/	/	/	/	/
2.	720917103003	AJIN.K.GEORGE	/	/	/	/	/	/	/	/
3.	720917103004	AJITH V	/	a	/	/	/	/	/	a
4.	720917103006	ANEESH.N	/	/	a	/	/	a	/	/
5.	720917103007	ANISH.R.JACOB	a	/	/	/	/	/	a	/
6.	720917103008	APARNA.A.V	/	/	/	/	/	/	/	/
7.	720917103010	ARSHAD.M	/	/	/	/	/	/	/	a
8.	720917103011	BABLU SANTHOSH	/	/	/	/	/	/	/	/
9.	720917103012	GOPIKA.K.M	/	/	/	/	/	/	/	/
10.	720917103013	GOWTHAMAN.K.A	/	a	a	/	/	/	/	/
11.	720917103014	JEFNA JABBAR	/	/	/	a	/	/	/	/
12.	720917103015	JILSY.J	/	/	/	/	/	/	/	/
13.	720917103016	JOSHIN THOMAS	/	/	/	/	/	/	/	/
14.	720917103017	KANCHIVANAM.K	/	/	/	/	/	/	/	a
15.	720917103018	KARTHEESWARAN B	/	/	/	a	/	/	/	/
16.	720917103019	MANIKANDAN S	/	/	/	/	/	/	/	/
17.	720917103021	MOHAMMED FASIL	/	/	a	/	/	/	/	/
18.	720917103022	MOHAMMED MIDLAJ V	/	/	/	a	/	/	/	/
19.	720917103024	MUBEEN K	a	/	/	/	/	/	/	a
20.	720917103027	NIMAL KRISHNAN	/	/	/	a	/	/	/	/
21.	720917103034	SHYAMKUMAR K P	/	/	/	/	/	/	/	a
22.	720917103035	THURUMUDHI ASHFAK K	/	/	/	/	/	/	/	/
23.	720917103037	ZAKKARIYA A S	/	/	/	/	a	/	a	a
24.	720917103301	ANAND P.S	a	/	/	/	/	/	/	/
25.	720917103302	DIVYA T.K	/	/	/	a	/	a	a	a
26.	720917103303	HANOCH VARGHESE	/	/	/	/	/	/	/	/
27.	720917103305	VINOLIYA	/	/	/	/	/	/	/	/
28.	720917103306	IMDIYAJ.P.H	a	/	/	/	/	/	/	/
29.	720917103307	KISHORE.K	/	/	/	/	/	/	a	/

Faculty In-charge

HoD

CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Civil Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
  - Construction Lines
  - Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

AutoCAD 3D
Chapter 1: The AutoCAD Civil 3D Interface
AutoCAD Civil 3D GUI
AutoCAD Civil 3D
Toolspace AutoCAD Civil
3D Panorama Workshops

Chapter 2: Project Management
AutoCAD Civil 3D
Projects Sharing Data
Using Data Shortcuts for Project Management

Chapter 3: Parcels
Lines and curves
Introduction to Parcels
Creating and Editing Parcels
Parcel Reports, Labels, Tables

Chapter 4: Survey
Survey Workflow
Overview Survey Figures
Points
importing Survey
Data Point Groups

Chapter 5: Surfaces

Surface Processes
Surface Properties
Contour Data
Other Surface Data
Breaklines and Boundaries
Surface Labels
Surface Volume Calculations
Surface Analysis Display

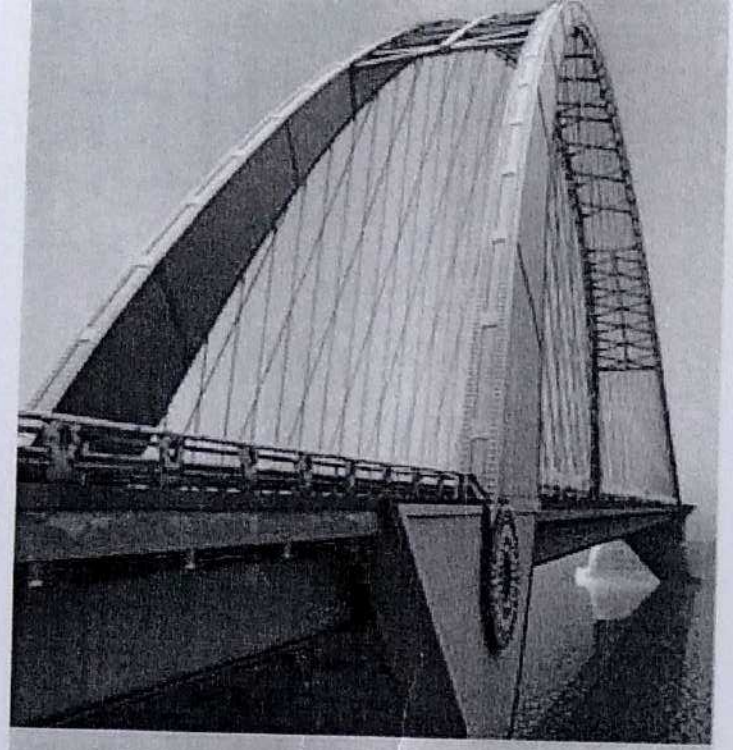
Chapter 6: Alignments
Introduction to Alignments
Alignment Properties
Labels and Tables

Chapter 7: Profiles
Create a Profile View Style
Create Profiles from Surface
Create Profile Wizard
Create and Edit Profiles

Chapter 8: Corridors
Assembly Overview
Modifying Assemblies
Creating Corridor and it's
properties Corridor Surfaces
Visualization

Chapter 9: Grading, Pipe Networks
Feature Lines
Grading Tools
Modifying Grading
Pipe Configuration
Creating Networks
Editing Piping Networks
Annotating Pipe Networks

Chapter 10: Plan Production
Plan Production Tools
Plan Production Objects
Creating Sheets
Sheet Sets



- ARCHITECTURAL
- ELECTRICAL
- CIVIL

CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : ABIN THOMAS

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO. : IEC180013578

This is a computer generated certificate.

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

09 JULY 2019
DATE OF IS

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

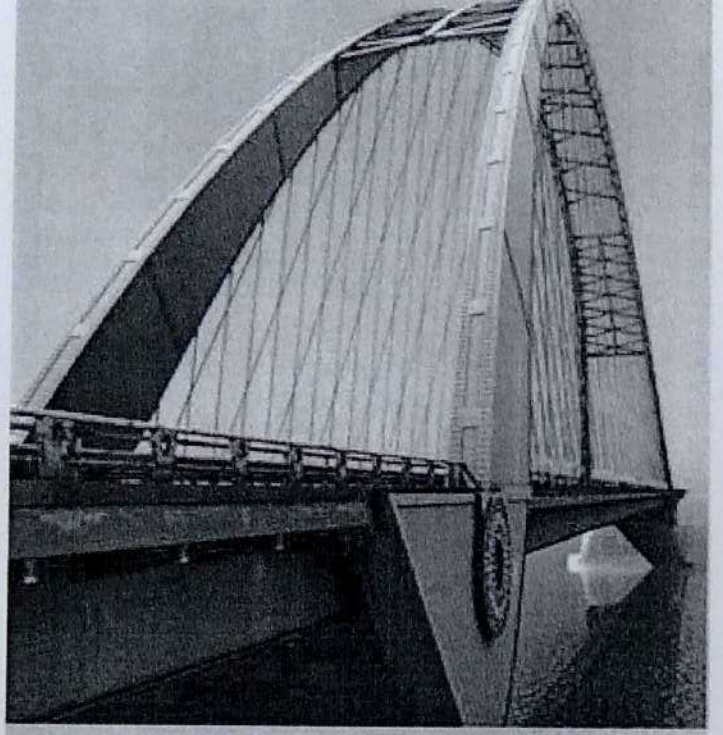
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IN : Auto CAD

AWARDED TO : AJIN K GEORGE

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IEC180013579

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

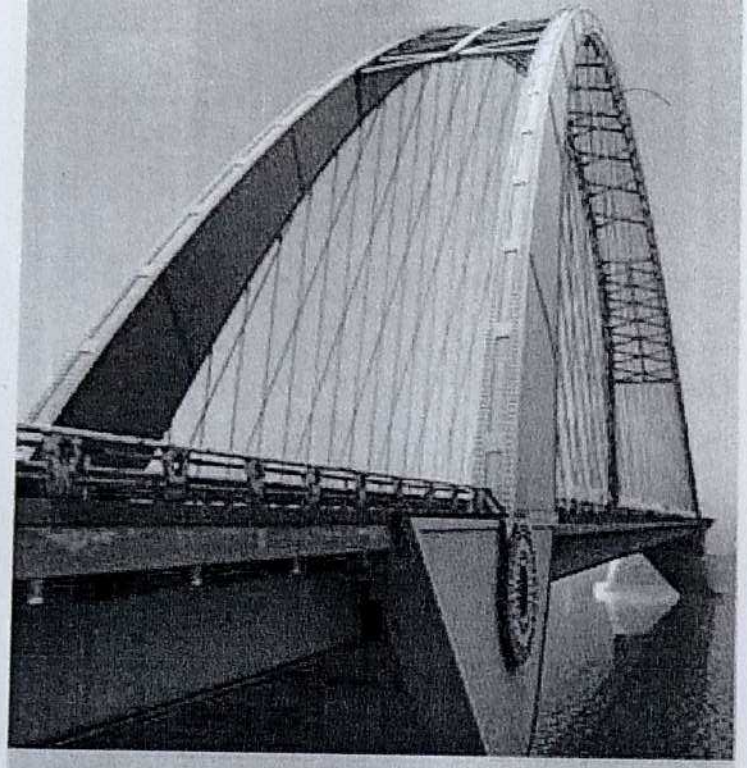
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AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO. : IEC180013580

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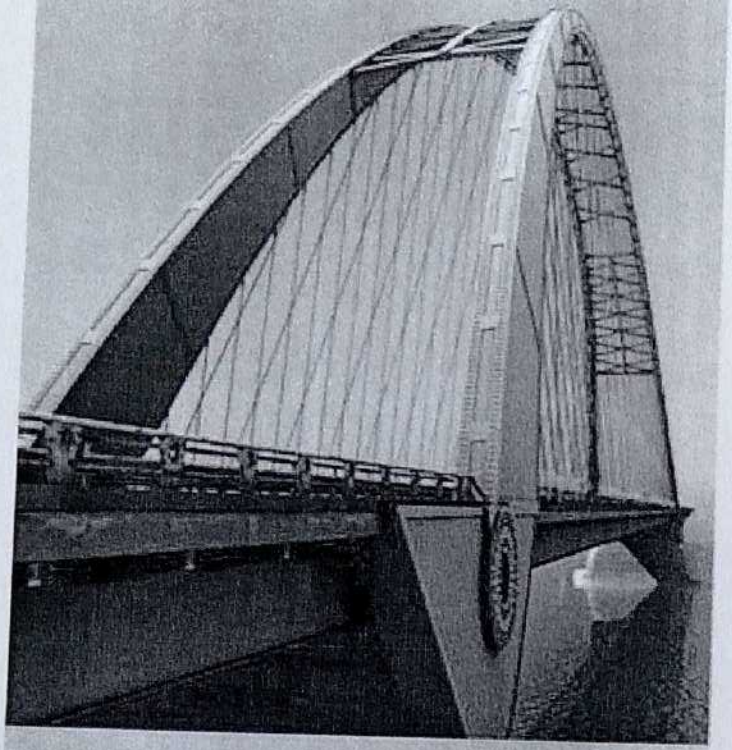
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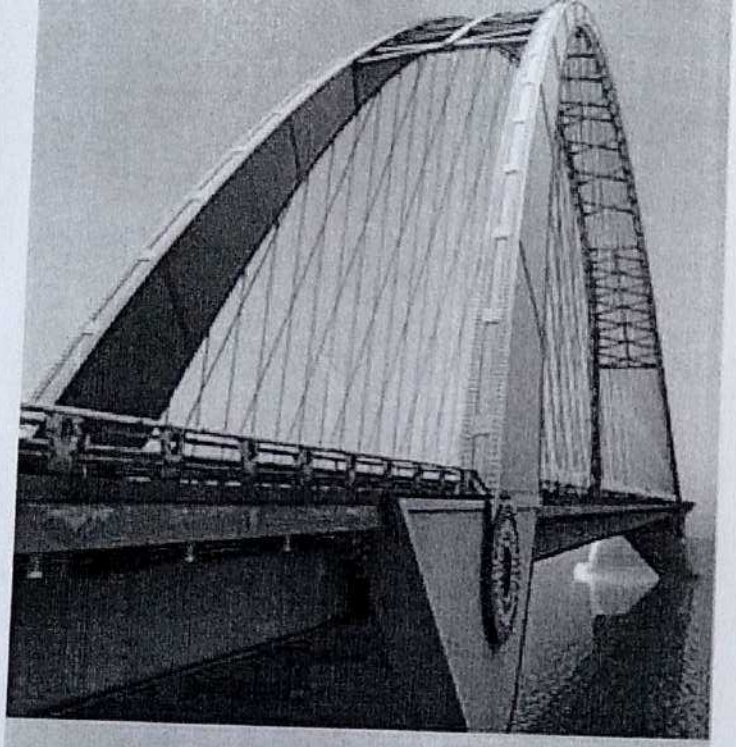
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CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : ANISH R JACOB

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO. : IEC180013582

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MANAGING DIRECTOR

VARUNKUMAR M
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AUTOCADD – OBJECTIVE TYPE QUESTIONS

1. When drawing in 2D, what axis do you NOT work with?
A.X
B.Y
C.Z
D.WCS

2. The primary difference between the Model tab and the Layout tab(s) is ____.
A.the Model tab is used for drawing in 3D and a Layout is used for drawing in 2D
B.the Model tab is where you create the drawing and a Layout tab represents the sheet that you will plot or print on
C.the color of the background
D.the Model tab displays the drawing you are copying from and the Layout tab is where you lay out the new drawing

3. Which of the following is NOT a property of an object
A.Line weight
B.Measure
C.Hyperlink
D.Elevation

3. Which command convert discrete objects in polyline
A.Union
B.Subtract
C.Join
D.Polyline

4. To print the entire project, you will choose to regulate what to plot
A.Display
B.Extends
C.Limits
D.Window

5. What is the usefulness of viewports
A.Allows us to see the screen or on paper different views of the same project
B.Give us the ability to see projects have become a newer version of AutoCAD from our
C.We can make a change in one part of the plan, without affecting the rest
D.None of the above

6. What is the difference between the Scale command from the command Zoom
A.Scale for single object, while the Zoom whole plan
B.No difference
C.H Scale can grow / shrink a shape up 10 times, while the Zoom has no limits
D.H Scale changes the size of objects, while the Zoom changes the visibility of the project

7. When to fix a block attribute
A.Before you fix the block
B.When I make the block
C.After fix the block
D.No matter the number

8. What you cannot create from the command Offset
A.Vertical straight
B.Concentric circles
C.Three parallel lines
D.Parallel arcs

9. By what symbol shows the snap point to the closest point
A.with circles and dots in the center
B.With two triangle
C.With three orthogonal
D.With Diamond

10. Which state grid is use to design perspective
A.Parametric
B.Isometric
C.Pro-optic
D.Rectangular

11. If I want to draw a line in the direction 07:30 (local time) will give an angle
A.-135 degrees
B.270 degrees
C.-225 degrees
D.None of the above

12. When in absolute Cartesian coordinates have points A (10.8) and B (6.5), then to make a line from A -> B with relative polar coordinates will write
A.@ -5 <36.88
B.@ 4 <30
C.@ 5 <216,88
D.@ 3 <60

13. What is the minimum allowable number of layers in a drawing
A.0
B.5
C.1
D.2

14. Which of the following is not a keyboard shortcut of AutoCAD?
A.Ctrl + P
B.Alt + F4
C.Ctrl + F4
D.Alt + B

15. Why do we have 16,7 M colors in RGB
A.Because so one can distinguish man
B.since this is the limit of graphics cards
C.For each color we have 256 shades and colors combination third
D.Because we want compatibility between PC and Macintosh

16. What setting gradient allows us to fill an open area?
A.Gap
B.Tolerance
C.Transparency
D.Open

17. What are the various options from left to right and the opposite direction?
A.Choose a different category of objects
B.select objects according to their color
C.Select objects according to their position
D.No difference

18. What time (according to the clock) are 270 degrees according to the conventional time?
A.12 exactly
B.6 exactly
C.9 exactly

19. Which is corresponded to zoom mouse wheel?
A.Zoom in / zoom out
B.pan & scan
C.extents / all
D.scale

20. What command allows us to select objects based on some status?
A.Properties
B.Qselect
C.Pselect
D.Attributes

18-19

Training Evaluation Form

Title of event: Auto Cad

Date of event: 10/06/19

Location of event: JCT CET

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met		✓			
2.The presenters were engaging		✓			
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions		✓			
6.The course length was appropriate		✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant		✓			
9.The venue was appropriate for the event	✓				

10. What was most useful?

Practical classes

11. What was least useful?

Theory classes

12. What else would you like to see included in this event? Are there any other topics that you would like to be offered training courses in?

—

13. Would you recommend this course to other students/friends? ~~Yes~~/No Why?

more useful

14. Any other comments?

—

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

18-19

Training Evaluation Form

Title of event: Auto CAD

Date of event: 10.06.19

Location of event: JCTCET

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met		✓			
2.The presenters were engaging		✓			
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions		✓			
6.The course length was appropriate			✓		
7. The pace of the course was appropriate to the content and attendees			✓		
8.The exercises/role play were helpful and relevant		✓			
9.The venue was appropriate for the event		✓			

10. What was most useful?

Theory Classes with commands.

11. What was least useful?

Nothing

12. What else would you like to see included in this event? Are there any other topics that you would like to be offered training courses in?

—

13. Would you recommend this course to other students/friends? Yes/No Why?

✓

More useful.

14. Any other comments?

NO

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 29/05/2019

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. This course are conducted by CADD TECHNOLOGIES from 10/06/2019 to 17/06/2019.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

(Prof.A.Kumar)
HoD/Civil

29/5/19

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

ACADEMIC YEAR 2018-2019

TRAINING PROGRAMME ON **STAAD PRO**

Year/Sem : III/V

Date: 29.05.2019

TIMETABLE

Sl.No	Date	Time	Topic	Name of the Faculty
1	10.06.2019	9.30 AM to 12.30 PM	Introduction to STRUCTURAL ENGINEERIN G Introduction to STAAD.Pro.V8 i	Mr.Varunkumar
		1.30 PM to 4.30 PM	Getting familiar with STAAD window Model generation using STAAD editor	Mr.Varunkumar, Mr.Michael
2	11.06.2019	9.30 AM to 12.30 PM	Introduction to Snap Node/Beam Ed itor Model generation using Node/Beam Editor	Mr.Varunkumar
		1.30 PM to 4.30 PM	Introduction to Translational Repeat Model generation using Translational Rep eat	Mr.Dileep
3	12.06.2019	9.30 AM to 12.30 PM	Assigning Properties Assigning Supports	Mr.Dileep
		1.30 PM to 4.30 PM	Assigning Loads Structure Analysis	Mr.Varunkumar, Mr.Michael
4	13.06.2019	9.30 AM to 12.30 PM	Simply Supported Beam	Mr.Varunkumar, Mr.Michael
		1.30 PM to 4.30 PM	Analysis of Framed Structu re Applying Floor Loads	
5	14.06.2019	9.30 AM to 12.30 PM	Wind Analysis Seismic Analysis	Mr.Dileep,
		1.30 PM to 4.30 PM	Creating Load Combinations	
6	17.06.2019	9.30 AM to 12.30 PM	Dynamic Analysis Response Spectrum Analy sis Introduction to FEM	Mr.Varunkumar, Mr.Michael
		1.30 PM to 4.30 PM	Analysis of Framed Structure Including Slabs	
7	18.06.2019	9.30 AM to 12.30 PM	Column & Beam Design	Mr.Varunkumar,
		1.30 PM to 4.30 PM	Reinforced Concrete Design	

Faculty Co-ordinator

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

HOD/CIVIL

18-19

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

Year / Sem : III/ V

S.NO	REG.NO	NAME
1	720916103002	ANZAL.A
2	720916103003	ARAVIND.P.V
3	720916103004	ARAVIND.S.KUMAR
4	720916103005	ARJUN RAJ
5	720916103006	ASWATHI.R
6	720916103008	ATHIRA .B
7	720916103009	BHARATH.P
8	720916103011	DEVIKA.M
9	720916103012	JINU.J
10	720916103013	KARTHICK.B
11	720916103014	MOHAMMED ADIL BIN BASHEER
12	720916103015	MOHAMMED RISHAL.K.P
13	720916103016	MOHAMMED RISHAN.M.T
14	720916103017	MUHAMMAD SAFAD T
15	720916103018	MUHAMMED NISHAL.M.K
16	720916103019	MUHAMMED SAINUL
17	720916103021	NAMITA BOBAN
18	720916103022	NEETHU.K.K
19	720916103023	NIROSHA.S
20	720916103024	SADIK.I
21	720916103025	SAJITH.K
22	720916103026	SHABIN NAZAR.N
23	720916103029	VARSHINI.S
24	720916103030	ASHMY P I
25	720916103031	NEGHA
26	720915103038	SHARON FRANCIS
27	720916103301	ARUN.T.R
28	720916103302	BALAGURUSAMY
29	720916103303	INSHAD
30	720916103304	JAYA KUMAR
31	720916103305	KRISHNA LAL
32	720916103306	NEETHU.S
33	720916103307	SUBAREESH
35	720916103308	TAMIL SELVAN
36	720916103309	UDHAYAKUMAR
37	720916103401	WINNER
38	720916103701	SREE RAG

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DEPARTMENT OF CIVIL ENGINEERING

STADD-Pro TRAINING COURSE

STUDENTS ATTENDANCE SHEET

S.No.	Reg. No.	Name of the Student	10/6	11/6	12/6	13/6	14/6	15/6	16/6	
1.	720916103003	ARAVIND.P.V	\	a	a	a	\	a	/	
2.	720916103006	ASWATHI.R	\	\	\	\	\	\	/	
3.	720916103008	ATHIRA .B	\	\	\	\	\	\	/	
4.	720916103009	BHARATH.P	\	\	\	\	\	\	/	
5.	720916103011	DEVIKA.M	\	\	\	\	\	\	/	
6.	720916103012	JINU.J	\	\	\	\	\	\	a	
7.	720916103013	KARTHICK.B	\	\	\	\	\	\	/	
8.	720916103014	MOHAMMED ADIL BIN BASHEER	\	\	\	\	\	\	a	
9.	720916103015	MOHAMMED RISHAL.K.P	\	\	\	\	\	\	/	
10.	720916103016	MOHAMMED RISHAN.M.T	\	\	\	\	\	\	/	
11.	720916103017	MUHAMMAD SAFAD T	\	a	\	\	a	\	a	
12.	720916103018	MUHAMMED NISHAL.M.K	\	\	\	\	\	\	/	
13.	720916103019	MUHAMMED SAINUL	\	\	\	\	\	\	/	
14.	720916103021	NAMITA BOBAN	\	\	\	\	\	\	/	
15.	720916103022	NEETHU.K.K	\	\	\	\	\	\	/	
16.	720916103023	NIROSHA.S	\	\	\	\	\	\	/	
17.	720916103024	SADIK.I	\	\	\	\	\	\	/	
18.	720916103025	SAJITH.K	\	\	\	\	\	\	/	
19.	720916103029	VARSHINI.S	\	\	\	\	\	\	/	
20.	720916103030	ASHMY P I	\	\	\	\	\	\	a	
21.	720916103031	NEGHA	\	a	\	a	\	a	\	\
22.	720916103301	ARUN.T.R	\	\	\	\	\	\	/	
23.	720916103302	BALAGURUSAMY	\	\	\	\	\	\	/	
24.	720916103303	INSHAD	\	\	\	\	\	\	/	
25.	720916103304	JAYA KUMAR	\	\	\	\	\	\	/	
26.	720916103305	KRISHNA LAL	\	\	\	\	\	\	/	
27.	720916103306	NEETHU.S	\	\	\	\	\	\	/	
28.	720916103307	SUBAREESH	a	\	a	a	a	\	/	
29.	720916103308	TAMIL SELVAN	\	\	\	\	\	\	/	
30.	720916103309	UDHAYAKUMAR	\	\	\	\	\	\	/	
31.	720916103308	TAMIL SELVAN	\	\	\	\	\	\	/	
32.	720916103309	UDHAYAKUMAR	\	\	\	\	\	\	/	

A. T. -/

Faculty In-charge

HoD

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SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC University Authorized Training Centre

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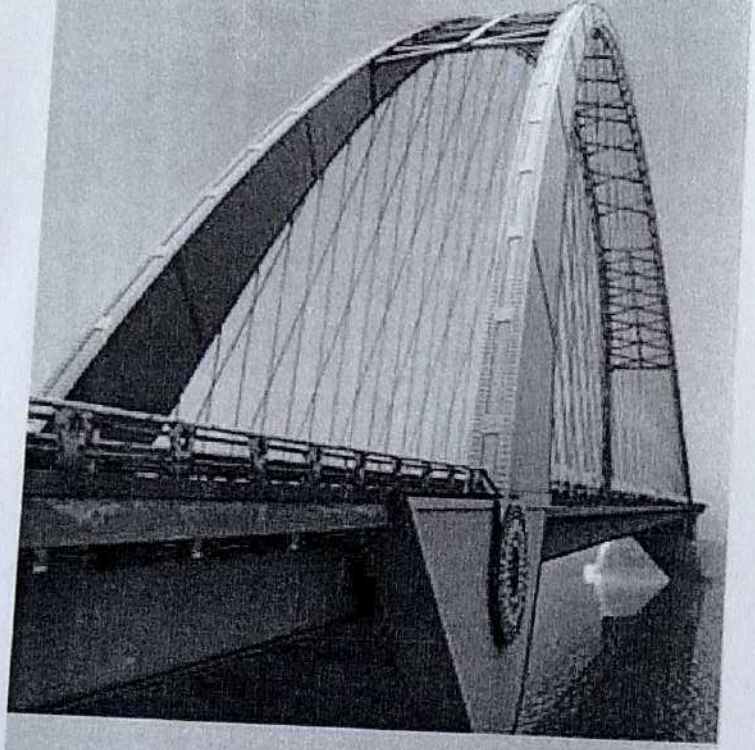
STAAD.PRO - SYLLABUS

STAAD.Pro V8i **Total Duration : 60 Hours**

Week	Topics
1	• Overview of Structural Analysis and Design • Calculating Shear Force and Bending Moment values for various supports and load types • Introduction o STAAD.Pro V8i o STAAD Editor • Co-ordinate Systems o Global Vs Local • Creating a New Project in STAAD.Pro • Units • Model Generation oCreating Nodes & Members • Select Menu Model Editing Tools Translational Repeat Circular Repeat Move Mirror Rotate Insert Node □ For a Single Member □ For Multiple Members Add Beam □ Point to Point □ Between Midpoints □ Perpendicular Intersection □ Curved Member
2	Model Editing Tools o Connect Beams Along o Stretch Selected Members o Intersect Selected Members o Merge Selected Members o Renumber o Split Beam o Break Beams at Selected Nodes Creating Models by using Structure Wizard Mini Project 1
3	Member Property Specification • Member Offset Material Specification • Group Specification Loading o Creating a Primary Load o Adding Selfweight Loading o Nodal

	Load o Member Load □Uniform Force and Moment □Concentrated Force and Moment □Linear Varying Load □Trapezoidal Load □Hydrostatic Load □Pre/Post Stress□ Area Load □Floor Load Mini Project 2 Loading o Wind Load Creating Load Combination oAutomatic Load Combination o Edit Auto Load Rules o Moving Load o Reference Load o Repeat Load
3	Mini Project 3 • Introduction to Analysis o Perform Analysis o Overview of Output Page o Pre-analysis Print o Post-analysis Print • Inactive or Delete Specification General Guidelines for Design Concrete Design in STAAD.Pro o Column Design o Beam Design RC Designer Beam Design Column
4	Project 1 Seismology o Introduction Terminologies • Standards for Earthquake Design • General Principals for Earthquake Design • Finding the Lateral Force (manual calculation) Finding the Lateral Force by using STAAD.Pro Dynamic Analysis o Response Spectrum Analysis Mini Project 4 • Cylindrical and Cylindrical Reverse Co-ordinate Systems Introduction to FEM • FEM Modelling in

	• STAAD.Pro o Snap Plate o Add Plate Create Infill Plates Generate Surface Meshing Generate Plate Mesh Parametric Modelling • Member Truss Creating FEM models by using Structure Wizard • Adding Plate Thickness Plate Load o Pressure on • Full Plate o Concentrated • Load o Partial Plate Pressure Load Trapezoidal Load o Hydrostatic Load o Element Joint Load
5 & 6	➢ Water Tank Design Slab Design ➢ One-way Slab & Two-way Slab ➢ Staircase Design ➢ Shear wall Modelling and Design ➢ Solid Modelling and Analysis



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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ARAVIND P V

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 HOURS STUDENT ID No.: IDIB18079802

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CENTRE HEAD

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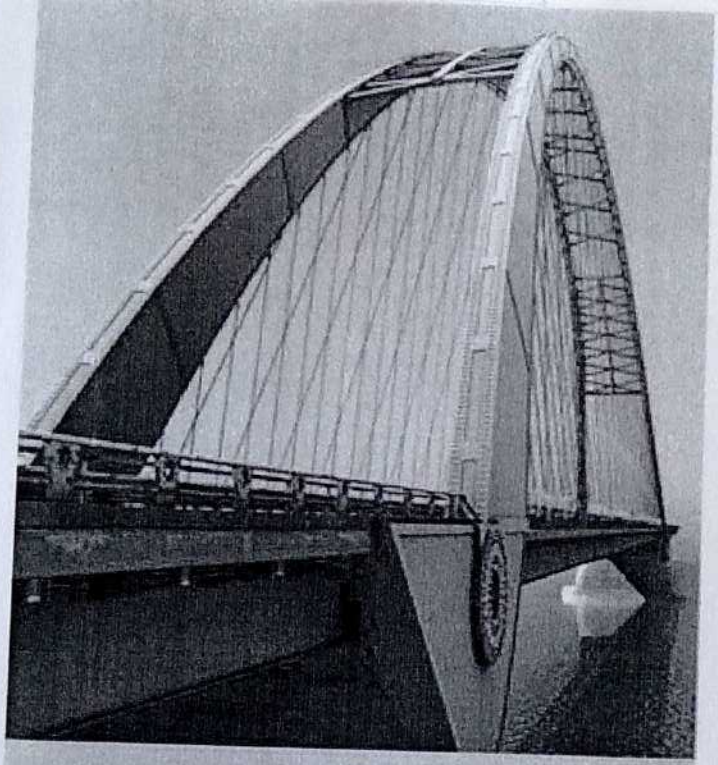
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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ASWATHI R

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 HOURS STUDENT ID NO. : IDIB18079803

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VARUNKUMAR M
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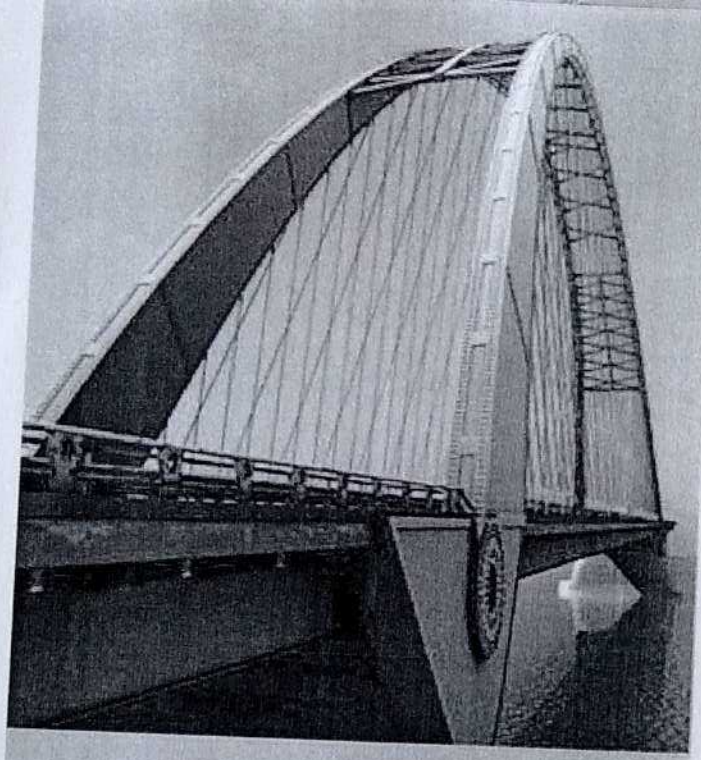
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DURING : 60 HOURS STUDENT ID NO.: IDIB18079804

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

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Pichanur, Coimbatore-641105

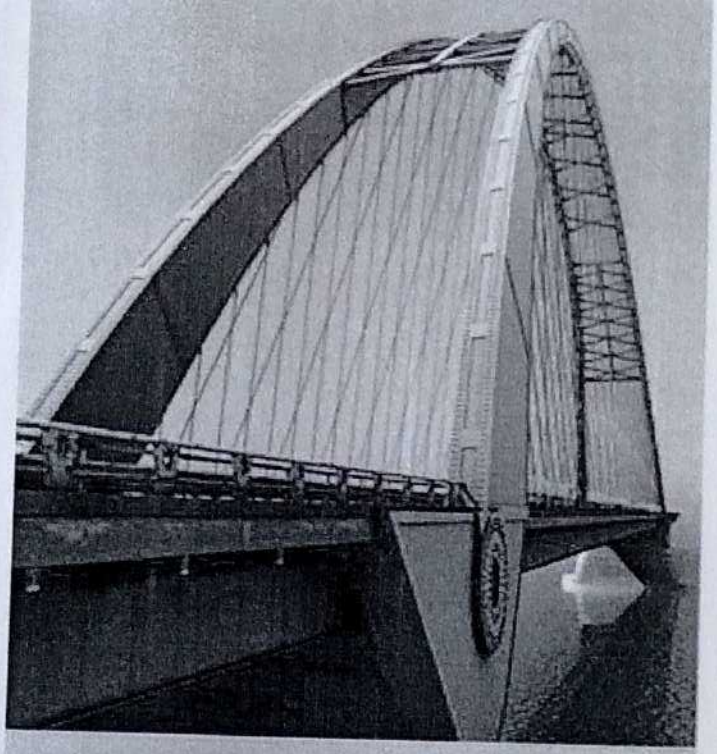
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AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 HOURS STUDENT ID NO. : IDIB18079805

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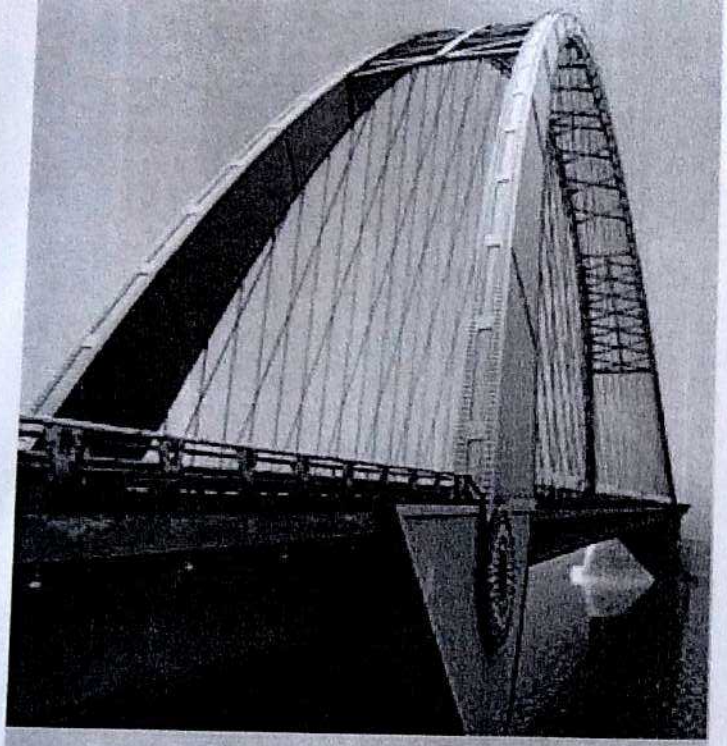
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STADD PRO

IN : STADD PRO

AWARDED TO : DEVIKA M

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 HOURS STUDENT ID NO.: IDIB18079806

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

15TH JULY 2019
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

STADD Pro - TRAINING COURSE

1. Which of the following do you need to specify when you create custom stairs?
   a. Run
   b. Riser
   c. RefPlane
   d. Boundary

2. The Project Browser shows a logical organization of all views, schedules, sheets,groups, linked Revit models, and other parts of the _
   a. current project
   b. user in terface
   c. properties palette
   d. view control bar

3. When no model elements are selected, the Properties palette displays:
   a. Nothing
   b. Editing tools
   c. View properties
   d. None of the above

4. Which one of the following elements does not have the option to create a slope arrow during the edit mode?
   a. floors
   b. ceilings
   c. roofs
   d. walls

5. What tab contains the Workset tool inthe Ribbon Bar?
   a. Annotate
   b. Collaborate
   c. Manage
   d. Modify

6. You want to specify or lock a view to a particular design option, simply specify use dialog box.
   a. Visibility/Graphic Overrides
   b. DesignOptions
   c. Object StyleFilter

7. Which dialog box is used to specify default line weights, line colors, line patterns, and materials in ALL views?
   a. View properties
   b. Visibility/Graphics
   c. Line Patterns
   d. Project Information
   e. Object Styles

8. Which statement about Legends is true?
   a. Legend scan be placed on only one sheet
   b. Legend components represent model and annotationelements

c. Legends enable you to dimension walls
d. Legends enable you to place tags

9. You can combine multiple elements into a single assembly that ca nbe
   a. Scheduled
   b. Marked
   c. Tagged
   d. Filtered
   e. Calculated

10. The clean join function applies to
   a. Only the current view
   b. All views on the model
   c. Selected views on the model

11. You can see elements outside the crop region
   a. True
   b. False

12. You can placed rafting patterns on
   a. Flat surfaces
   b. Cylindrical surfaces
   c. 30 surfaces
   d. Cut component surfaces on plan/section views

13. There's a difference between a "type" and a "family type"
   a. True
   b. False

14. A key schedule is
   a. A schedule of door openings
   b. A table of information that you create to simplify or automate data entry in other, larger schedules.
   c. The most important schedule in the project
   d. A list that only deals with tags and annotations

15. What tab are the Legend sand Schedules(not the Room Area Legend)found?
   a. Manage
   b. Insert
   c. View
   d. Annotate

16. A model line is visible only in the view it was made
   a. True
   b. False

17. A pattern component has the following characteristics:
   a. Is a nested family
   b. Can contain 2D geometry
   c. Is good only for limited views

d. Applicable to sheets as well
e. Is flexible and intelligent
f. Can contain 3D geometry

18. You can placea reference elevation ina
    a. Section
    b. Elevation
    c. Plan
    d. Callout view
    e. All of the above

19. A shared family is a family of model elements that can be
    a. Shared between work sets
    b. Used to create subcomponents Of a nested family
    c. Dependent on one another

20. Change the scale, detail level, model graphics style, shadowing, crop views, and display of elements or categories in the view by using the
    a. Graphic display tab
    b. Visibility/graphics overrides
    c. Detail level
    d. View control bar
    e. All of the above

21. Which dimensions appear which you are placing elements ina building design?
    a. Elevation
    b. Listening
    c. Vertical
    d. Coordinate

22. Which tool copies walls or lines at a numerically assigned distance?
    a. Align
    b. Split c.
    Trim
    d. Offset

23. Detail components can be shared between projects
    a. True
    b. False

24. Where can the Property Line Icon be found?
    a. View
    b. Insert
    c. Massing & Site
    d. Annotation
    e. Home

25. Stacked walls can host sweeps, just likes ub walls can
    a. True
    b. False

13.19

Training Evaluation Form

Title of event: STADD Pro

Date of event: 10/06/2019

Location of event: JCTCET

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met		✓			
2.The presenters were engaging	✓				
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length was appropriate	✓				
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant		✓			✓
9.The venue was appropriate for the event			✓		

10. What was most useful?

The theory classes were more useful

11. What was least useful?

The materials were the least useful Because as in the

12. What else would you like to see included in this event? Are there any other topics that you would like to be offered training courses in?

The usage of the software was to be included

13. Would you recommend this course to other students/friends? Yes/No Why?

Yes / Since it was very Useful

14. Any other comments?

No

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

Training Evaluation Form

Title of event: STADD Pro

Date of event: 10/06/19

Location of event: JCTCET

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging		✓			
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length was appropriate			✓		
7. The pace of the course was appropriate to the content and attendees					✓
8.The exercises/role play were helpful and relevant	✓				
9.The venue was appropriate for the event		✓			

10. What was most useful?

Yes It was most useful in the theory class

11. What was least useful?

The Soft ware visuals were less important

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

—

13. Would you recommend this course to colleagues? Yes/No Why?

Yes It is very Useful

14. Any other comments?

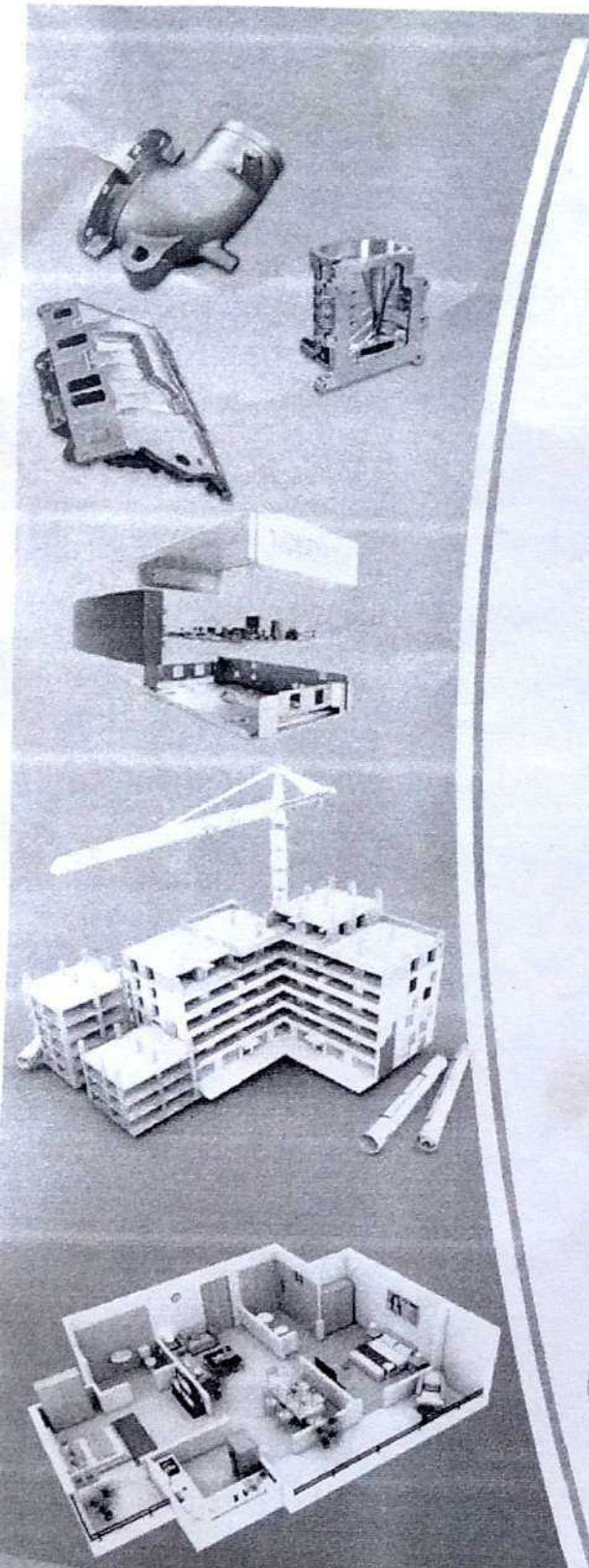
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- **Catia,**
  Catia Advance Level
- **Nx-Cad,**
  Nx-Cad Advance Level
- **Mechanical Ansys**

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12.12.2018
Pichanur

From

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

To

The Director,
Avatar Academy,
Networking & Security,
Erode.

Dear Sir,

Sub: Requesting for Allocating a 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 computer science and Engineering is in need of an Trainer Expert from your company for Networking Domain. The Trainer will be handling classes for the III and IV year CSE and ECE Students during semester for 7 days.Sir I request you to give permission for the above at the earliest.

Thanking you

Yours Sincerely,

Dr.Rajiv Suresh Kumar

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Networking & Security Technology

An Authorized Training Institute

TRAINING | CONSULTING | IMPLEMENTATION

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Website: www.avataracademy.in | E-Mail Id: avataracademyerode@gmail.com | Phone: +91 94436 96028

Date: 14.12.2018

To

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

Dear Sir,

Sub: Allocation of Trainer to your Institution – Reg.,

A warm greeting from Avatar Academy – Networking & Security.

Here by I Accept Your Request with Reference to your letter Dated 12.11.2018. A faculty will be allocated from Networking Domain in our Avatar Academy for the dates mentioned in your Letter.

Thanking you.

Operations Head & Consultant
(Prof.P.K.Amarnath)

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Circular

December 16, 2018.

Our Department is willing to conduct a course on "CCNP " for third and final year CSE and ECE students for 7 days. The details are given below.

The students are instructed to attend the course without fail.

S.NO.	Name of the Event	Resource Person	Organized by	Date
1	CCNP	Mr.P.K.Amarnath, Operation Head & Consultant, Avatar Academy, Erode.	Department of CSE	19.12.18 to 26.12.18

K.C$x.m07
Association coordinator

HOD/CSE

To

Class Advisor and Tutors of IV year CSE,ECE students (To be read in the class room) and all the faculty members of CSE,ECE dept.

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Mr. P.K. AMARNATH M.C.A, M.E., (Ph.D.)

(CCNA(R&S), CCNA-IINS, CCNP-R,CCNP-SENSS, & CCSA on-line Certified)

Operations Head and Consultant

AVATAR ACADEMY - Networking & Security

Near Karnataka Bank, No: 3/1, 1st Floor,

Buddhar Street, Teachers Colony,

Erode (Dt.), Tamil Nadu, India - 638 011

Mobile No.: +91 94436 96028

Website: www.avataracademy.in

Career Profile

Mr. P.K. Amarnath is a M.C.A., M.E., (Ph.D.) graduate in Computer Science. He has completed International Certifications like CCNA(R&S), CCNA(IINS), CCNP(Routing), CCNP(Security), & CCSA, and who has got 9 years experience in the field of Training. He has trained nearly 3000+ students so far. His students pursue for higher courses in their stream inspired by his teachings which itself speaks of his capacity and his unique approach in the way of training.

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AVATAR ACADEMY
NETWORKING & SECURITY

Near Karnataka Bank, No.:3/1, 1st Floor, Buddhar Street, Teachers' Colony, Perundural Road, Erode – 638 011
Mobile No.: 94436 96028 | Emai-Id.: avataracademyerode@gmail.com | Web Site: www.avataracademy.in

Dear Sir/Madam,

Warm Greetings from **Avatar Academy - Networking & Security** Learning!

We are focusing on **Technical** skills in the **Networking & Security** domains, and we are the **First training institute in ERODE** with hands on lab practice with **real Networking & Security-Firewall** devices infrastructure.

Avatar Academy **infrastructure** acquires **400+ Cisco Routers, 10 Cisco Switches, 4 Cisco ASA Firewalls, 20 Checkpoint Firewalls, 50+ Microsoft / Red-Hat Servers + Systems, & 15+ Wireless Laptops** for accessing wireless racks.

After completion of the Course We'll provide **100% placement assistance** to the students. (**Condition**: Student(s) should have good communication skills). The current recruiters are **CSS Corp., Sutherland, HCL, KGISL, HP, Infosys, NSE India, Reliance Communication, Airtel, Aircel, TCS, & etc..** I've trained around **1000+** students for past **9 years** in Chennai & Erode and provided IT jobs around **200+ students**.

Avatar Academy – Networking & Security Courses offered are:

CISCO: CCNA – R&S, CCNA - IINS, CCNP - Routing, CCNP - Switching, CCNP – Security

CHECKPOINT: CCSA, & CCSE

MICROSOFT: MCITP, & MCSE

RED-HAT: RHCSA, & RHCE

EC-COUNCIL: CEH V8

(ISC)^2: CISSP

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Website: www.avataracademy.in | E-Mail Id: avataracademyerode@gmail.com | Phone: +91 94436 96028

Date: 14.12.2018

Roadmap for Networking Course

- Introduction to networking
- OSI & TCP/IP Model
- Introduction to IPV4 & IPV6 Addressing
- IP Addressing-Class full, Sub-netting with VLSM, & Classless Addressing
- Introduction to Routers and Routers Components & Models
- Routers Command line Interface and Routers Basic configuration Commands
- Telnet, & Console Password Recovery
- IPV4 & IPV6 Routing
- Routing (RIP, IGRP, EIGEP, OSPF, & BGP) & WAN (HDLC, Frame-Relay, & PPP) configurations
- Introduction to Switches & Switches Models
- Network Segmentation and Basic Traffic Management Concepts
- Basic Switching Concepts and the Operation of Switches
- AAA, VPN, HSRP, VRRP, VLAN, STP, DHCP, NAT, & ACL configurations, CCNP route

Perform and verify initial switch configuration tasks including remote access management

Operations Head & Consultant

(Prof.P.K.Amarnath)

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur ,Coimbatore-641105

TÜV AUSTRIA

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE COURSE- **CCNP**

16.12.18

Name of the Trainer: Mr.Amarnath
Name of the Program: CCNP

TIMETABLE

S.no	Date	Time	Topic
1	19.12.2018	9.00 AM to 12.30 PM	Introduction to networking
		1.00 PM to 5.30 PM	OSI & TCP/IP Model
2	20.12.2018	9.00 AM to 12.30 PM	Introduction to IPV4 & IPV6 Addressing
		1.00 PM to 5.30 PM	IP Addressing-Class full, Sub-netting with VLSM, & Classless Addressing
3	21.12.2018	9.00 AM to 12.30 PM	Introduction to Routers and Routers Components & Models
		1.00 PM to 5.30 PM	Routers Command line Interface and Routers Basic configuration Commands
4	22.12.2018	9.00 AM to 12.30 PM	Telnet, & Console Password Recovery
		1.00 PM to 5.30 PM	IPV4 & IPV6 Routing
5	24.12.2018	9.00 AM to 12.30 PM	Routing (RIP, IGRP, EIGEP, OSPF, & BGP) & WAN (HDLC, Frame-Relay, & PPP) configurations
		1.00 PM to 5.30 PM	Introduction to Switches & Switches Models
6	25.12.2018	9.00 AM to 12.30 PM	Network Segmentation and Basic Traffic Management Concepts
		1.00 PM to 5.30 PM	Basic Switching Concepts and the Operation of Switches
7	26.12.2018	9.00 AM to 12.30 PM	AAA, VPN, HSRP, VRRP
		1.00 PM to 5.30 PM	VLAN, STP, DHCP, NAT, & ACL configurations, CCNP route

Faculty Co-ordinator

HOD/CSE

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PICHANUR, COIMBATORE-641105

TÜV AUSTRIA

Department of Computer Science and Engineering

Academic year: 2018-19

Student Registration

Name of the Trainer:Mr.P.K.Amarnath

Name of the Course:CCNP

S.No.	Name Of the Student	SIGN
1	ABHIJITH PT	
2	ALAN.K.THOMAS	
3	ARAVIND.R	
4	ARAVINTH.T	
5	ARNAVE. B.PRADEEP	
6	ARUNIMA .M.K	
7	ASHWAK.A	
8	ASWATHY.S.NAIR	
9	ASWIN.A	
10	BABI SAJI	
11	ELAKYA.R	
12	GAYATHRI.C.S	
13	GOKULKRISHNA.P	
14	GOVINDHARAJ.M	
15	HARI PRASANTH.A	
16	HIBA NAZRIN.K.A	
17	IJASRAHMAN MELEVILAKKATHIL	
18	ISMAIL MUBHARAKH	
19	JILJISHA	
20	KISHOR.A	
21	KISHOR KUMAR.R.	
22	LOHITH.G	
23	MAHENTH.V	
24	MOHAMMED AJMAL.T	
25	MUHAMMED JAMSHAD.P.P	
26	NISSY T SHERY	
27	RENJITH.R	
28	ROHITH.R	
29	SAM WESLEY.R	
30	SURUTHI.P	
31	SYED IBRAHIM.S	
32	TAMILANBAN.T	
33	VAISAKH.PA	
34	VIJEESH.A	
35	VISMAYA PRADEEP	
36	RISHAD.N	
37	AISWARIA.E.K	

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TÜV AUSTRIA

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39	VISHNU.R	Vishnu.
40	SHIBIL ROSHAN M P	Shibil.
41	SHAFEEK	Shafeek.
42	ABHIMANYU.H	Abhimanyu.
43	AISWARYA.G.MENON	Aishwarya.
44	RANJITH.A	Ranjith.
45	AKSHAY.G.BHAT	Akshaybhat
46	ARJUN RAJENDRAN	ArjunRajendran.
47	ASHWINI.K	Ashwini
48	BHAVYA LAKSHMI.T.R	Bhavya.
49	BINTO BENNY.M	Binto.
50	DEVI K.G	Devi
51	FIROZ.B	Firoz
52	JEREENA.J	Jereena.
53	JISHNU.V.K	Jishnu
54	KARKUZHALI.A	Karkuzhali
55	NIKHIL.P.C	Nikhil
56	PARTHAN.A.S	Parthan
57	PRIYADHARSHINI.A	Priyadharshini
58	RAMYA DEVI.P	RamyaDevi
59	REMYA.G	Remya
60	SACHINLAL	Sachinlal.
61	SHARATH PRAKASH	Sharath
62	SREEJITH.P.K	Sreejith.

Signature of HOD

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE-641105

Department of Computer Science and Engineering

Academic year: 2018-19

Attendance

Name of the Trainer:Mr.P.K.Amarnath

Name of the Course:CCNP

S.No.	Name Of the Student	19/12	17/12	20/12	20/12	21/12	21/12	22/12	22/12	24/12	24/12	26/12	26/12	27/12	27/12
1	ABHIJITH PT	/	/	/	/	/	/	/	/	/	/	•	•	/	/
2	ALAN.K.THOMAS	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	ARAVIND.R	/	/	/	/	/	/	/	/	a	a	/	/	a	a
4	ARAVINTH.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	ARNAVE. B.PRADEEP	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	ARUNIMA .M.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	ASHWAK.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	ASWATHY.S.NAIR	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	ASWIN.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	EABI SAJI	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	ELAKYA.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	GAYATHRI.C.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	GOKULKRISHNA.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	GOVINDHARAJ.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	HARI PRASANTH.A	a	a	/	/	/	/	/	/	/	/	/	/	/	/
16	HIBA NAZRIN.K.A	/	/	/	/	a	a	/	/	/	/	/	/	a	a
17	IJASRAHMAN MELEVILAKKATHIL	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	ISMAIL MUBHARAKH	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	JILJISHA	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	KISHOR.A	/	/	/	/	/	/	/	/	/	/	a	a	/	/
21	KISHOR KUMAR.R.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	LOHITH.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	MAHENTH.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	MOHAMMED AJMAL.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	MUHAMMED JAMSHAD.P.P	/	/	a	a	/	/	a	a	a	a	/	/	/	/
26	NISSY T SHERY	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	RENJITH.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	ROHITH.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	SAM WESLEY.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	SURUTHI.P	/	/	/	/	a	a	/	/	/	/	/	/	/	/
31	SYED IBRAHIM.S	/	/	/	/	/	/	/	/	/	/	/	/	a	a
32	TAMILANBAN.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	VAISAKH.PA	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	VIJEESH.A	a	A	/	/	/	/	/	/	/	/	/	/	/	/
35	VISMAYA PRADEEP	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105

TÜV AUSTRIA

Department of Computer Science and Engineering

36	RISHAD.N														
37	AISWARIA.E.K														
38	NISHA.S.UDAYAN														
39	VISHNU.R														
40	SHIBIL ROSHAN M P														
41	SHAFEEK														
42	ABHIMANYU.H														
43	AISWARYA.G.MENON														
44	RANJITH.A														
45	AKSHAY.G.BHAT														
46	ARJUN RAJENDRAN														
47	ASHWINI.K														
48	BHAVYA LAKSHMI.T.R														
49	BINTO BENNY.M														
50	DEVI K.G														
51	FIROZ.B														
52	JEREENA.J														
53	JISHNU.V.K														
54	KARKUZHALI.A														
55	NIKHIL.P.C														
56	PARTHAN.A.S														
57	PRIYADHARSHINI.A														
58	RAMYA DEVI.P														
59	REMYA.G														
60	SACHINLAL														
61	SHARATH PRAKASH														
62	SREEJITH.P.K														

Signature of HOD

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: NIKHIL P.C

Dept: CSE

College: JCT.

Max. Marks	20
Marks Obtained	13

1. Which one of the following is a Class C IP address?

- 10.10.14.118
- 135.23.112.57
- 191.200.199.199
- 204.67.118.54

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

- One subnet for each Host
- One for each subnet, one for each WAN connection
- One for each network card
- One for each WAN connection only

3.You have an IP of 156.233.42.56 with a subnet mask of 7 bits. How many hosts and subnets are possible assuming that subnet 0 is not used?

- 126 subnets and 510 hosts
- 128 subnets and 512 hosts
- 510 subnets and 126 hosts
- 512 subnets and 128 hosts

4. You find that one of the serial interfaces on your router is not forwarding traffic. You have given "show ip interfaces" command. In the response, you observed the following entries against that interface:
Serial 0 is up, line protocol is down. What is the likely problem?

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- There is a problem at physical layer
- There is a problem exchanging the routing information
- The link was administratively down
- There is a problem with the route both at physical and protocol layers

5. A client workstation is connected to a DHCP server through a switch and a router, The client machine has been able to access the network resources without any problem. However, after the recent configuration change on the DHCP server, the client workstation is not able to access any network resources. What is the likely solution.

- Clear arp cache on the router
- Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

6. Two sub layers of OSI Data Link layer are which of the following?

- Logical Link Control, Data Link Control
- Media Access Control, Physical Layer Control
- Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

7.Match the following:

A. Repeaters	1. Data Link Layer
B. Bridges	2. Network Layer
C. Routers	3. Physical Layer

- A --->2, B--->3, C--->1
- A--->3, B---->1, C---->2
- A--->3, B----->2, C---->1
- A---->1, B---->2, C---->3

8. Match the following:

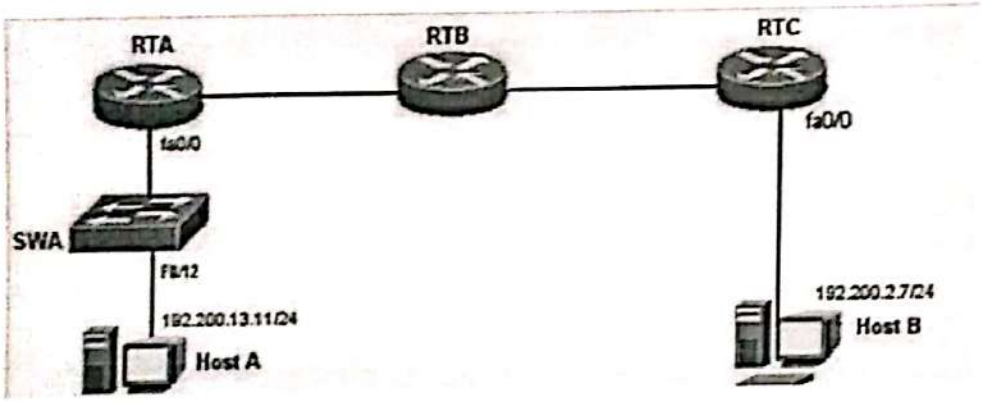
1. Segments	A. Associated with Data Link Layer
2. Packets	B. Associated with Network Layer

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3. Frames C. Associated with Transport Layer

- 1--->A; 2---->C; 3 --->B
- 1--->C; 2---->A; 3 --->B
- 1--->C; 2---->B; 3 --->A
- 1--->A; 2---->B; 3 --->C

9.Please see the figure below. Host A is trying to telnet to Host B. However, the Ethernet interface fa0/0 on RTC is not functioning. Which of the following statements are true? (choose 2 best answers)



- RTB will send a destination unreachable message to RTA
- RTC will send a destination unreachable message
- RTC will inform RTA that Host B is unreachable
- RTC will inform Host A that Host B is unreachable

10. Which of the following is true of a Switch?

- Switches forward packets based on IP address.
- Switches forward packets based on MAC address.
- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: GAYATHRI.P.S

Dept: CSE

College: T.C.T

Max. Marks	80
Marks Obtained	48

1. Which one of the following is a Class C IP address?

- ○ 10.10.14.118
- ○ 135.23.112.57
- ○ 191.200.199.199
- ◉ 204.67.118.54

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

- ○ One subnet for each Host
- ◉ One for each subnet, one for each WAN connection
- ○ One for each network card
- ○ One for each WAN connection only

3.You have an IP of 156.233.42.56 with a subnet mask of 7 bits. How many hosts and subnets are possible assuming that subnet 0 is not used?

- ◉ 126 subnets and 510 hosts
- ○ 128 subnets and 512 hosts
- ○ 510 subnets and 126 hosts
- ○ 512 subnets and 128 hosts

4. You find that one of the serial interfaces on your router is not forwarding traffic. You have given "show ip interfaces" command. In the response, you observed the following entries against that interface:
Serial 0 is up, line protocol is down. What is the likely problem?

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- There is a problem at physical layer
- There is a problem exchanging the routing information
- The link was administratively down
- There is a problem with the route both at physical and protocol layers

5. A client workstation is connected to a DHCP server through a switch and a router, The client machine has been able to access the network resources without any problem. However, after the recent configuration change on the DHCP server, the client workstation is not able to access any network resources. What is the likely solution.

- Clear arp cache on the router
- Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

6. Two sub layers of OSI Data Link layer are which of the following?

- Logical Link Control, Data Link Control
- Media Access Control, Physical Layer Control
- Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

7.Match the following:

A. Repeaters	1. Data Link Layer
B. Bridges	2. Network Layer
C. Routers	3. Physical Layer

- A --->2, B--->3, C--->1
- A--->3, B----->1, C----->2
- A--->3, B----->2, C----->1
- A----->1, B----->2, C----->3

8. Match the following:

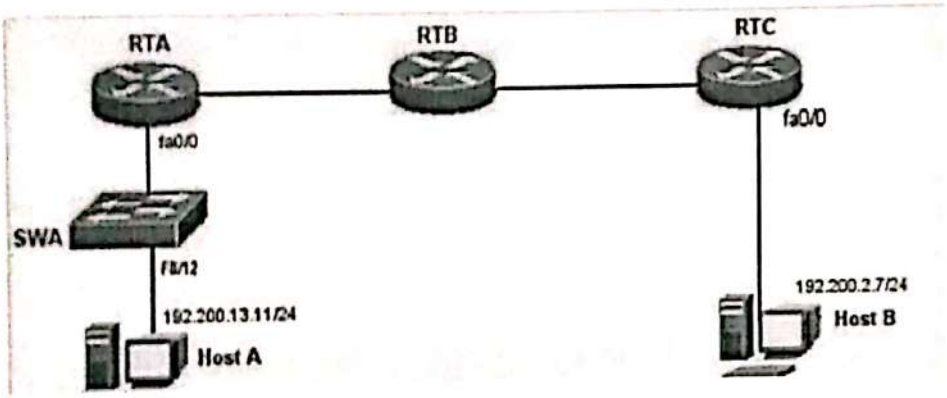
1. Segments	A. Associated with Data Link Layer
2. Packets	B. Associated with Network Layer

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3. Frames C. Associated with Transport Layer

- 1--->A; 2---->C; 3 --->B
- 1--->C; 2---->A; 3 --->B
- 1--->C; 2---->B; 3 --->A
- 1--->A; 2---->B; 3 --->C

9.Please see the figure below. Host A is trying to telnet to Host B. However, the Ethernet interface fa0/0 on RTC is not functioning. Which of the following statements are true? (choose 2 best answers)



- RTB will send a destination unreachable message to RTA
- RTC will send a destination unreachable message
- RTC will inform RTA that Host B is unreachable
- RTC will inform Host A that Host B is unreachable

10. Which of the following is true of a Switch?

- Switches forward packets based on IP address.
- Switches forward packets based on MAC address.
- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: SUBUTHI. P

Dept: CSE

College: JCT

Max. Marks	20
Marks Obtained	12

1. Which one of the following is a Class C IP address?

- 10.10.14.118
- 135.23.112.57
- 191.200.199.199
- 204.67.118.54 ✓

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

- One subnet for each Host
- One for each subnet, one for each WAN connection ✓
- One for each network card
- One for each WAN connection only

3.You have an IP of 156.233.42.56 with a subnet mask of 7 bits. How many hosts and subnets are possible assuming that subnet 0 is not used?

- 126 subnets and 510 hosts
- 128 subnets and 512 hosts
- 510 subnets and 126 hosts ✓
- 512 subnets and 128 hosts

4. You find that one of the serial interfaces on your router is not forwarding traffic. You have given "show ip interfaces" command. In the response, you observed the following entries against that interface:
Serial 0 is up, line protocol is down. What is the likely problem?

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- There is a problem at physical layer
- There is a problem exchanging the routing information
- The link was administratively down
- There is a problem with the route both at physical and protocol layers

5. A client workstation is connected to a DHCP server through a switch and a router, The client machine has been able to access the network resources without any problem. However, after the recent configuration change on the DHCP server, the client workstation is not able to access any network resources. What is the likely solution.

- Clear arp cache on the router
- Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

6. Two sub layers of OSI Data Link layer are which of the following?

- Logical Link Control, Data Link Control
- Media Access Control, Physical Layer Control
- Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

7.Match the following:

A. Repeaters	1. Data Link Layer
B. Bridges	2. Network Layer
C. Routers	3. Physical Layer

- A --->2, B--->3, C--->1
- A--->3, B---->1, C---->2
- A--->3, B----->2, C---->1
- A---->1, B---->2, C---->3

8. Match the following:

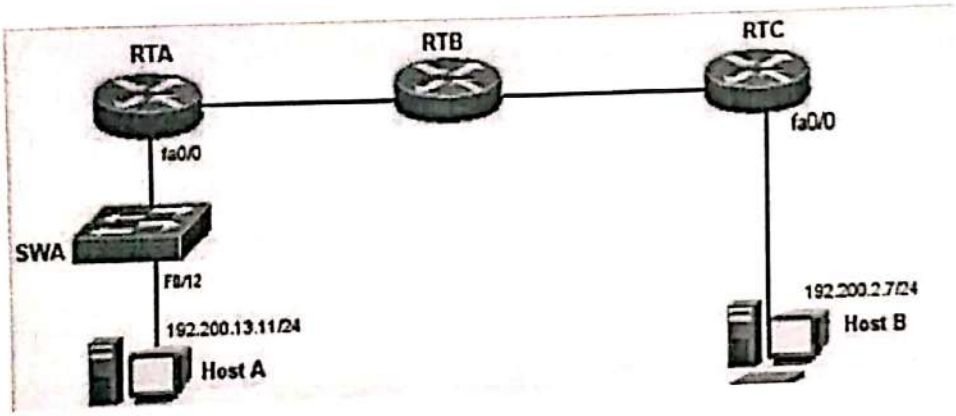
1. Segments	A. Associated with Data Link Layer
2. Packets	B. Associated with Network Layer

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3. Frames C. Associated with Transport Layer

- 1--->A; 2---->C; 3 --->B
- 1--->C; 2---->A; 3 --->B
- 1--->C; 2---->B; 3 --->A
- 1--->A; 2---->B; 3 --->C

9.Please see the figure below. Host A is trying to telnet to Host B. However, the Ethernet interface fa0/0 on RTC is not functioning. Which of the following statements are true? (choose 2 best answers)



- RTB will send a destination unreachable message to RTA
- RTC will send a destination unreachable message
- RTC will inform RTA that Host B is unreachable
- RTC will inform Host A that Host B is unreachable

10. Which of the following is true of a Switch?

- Switches forward packets based on IP address.
- Switches forward packets based on MAC address.
- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: ELAKKIYA . R .

Dept: CSE

College: JCT COLLEGE .

Max. Marks	20
Marks Obtained	14

1. Which one of the following is a Class C IP address?

- 10.10.14.118
- 135.23.112.57
- 191.200.199.199
- 204.67.118.54

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

- One subnet for each Host
- One for each subnet, one for each WAN connection
- One for each network card
- One for each WAN connection only

3.You have an IP of 156.233.42.56 with a subnet mask of 7 bits. How many hosts and subnets are possible assuming that subnet 0 is not used?

- 126 subnets and 510 hosts
- 128 subnets and 512 hosts
- 510 subnets and 126 hosts
- 512 subnets and 128 hosts

4. You find that one of the serial interfaces on your router is not forwarding traffic. You have given "show ip interfaces" command. In the response, you observed the following entries against that interface:
Serial 0 is up, line protocol is down. What is the likely problem?

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- There is a problem at physical layer
- There is a problem exchanging the routing information
- The link was administratively down
- There is a problem with the route both at physical and protocol layers

5. A client workstation is connected to a DHCP server through a switch and a router, The client machine has been able to access the network resources without any problem. However, after the recent configuration change on the DHCP server, the client workstation is not able to access any network resources. What is the likely solution.

- Clear arp cache on the router
- Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

6. Two sub layers of OSI Data Link layer are which of the following?

- Logical Link Control, Data Link Control
- Media Access Control, Physical Layer Control
- Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

7.Match the following:

A. Repeaters	1. Data Link Layer
B. Bridges	2. Network Layer
C. Routers	3. Physical Layer

- A --->2, B--->3, C--->1
- A--->3, B---->1, C---->2
- A--->3, B----->2, C---->1
- A---->1, B---->2, C---->3

8. Match the following:

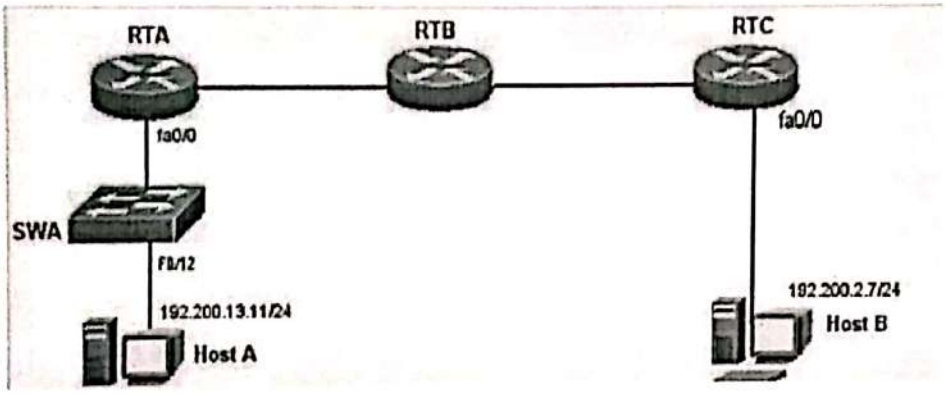
1. Segments	A. Associated with Data Link Layer
2. Packets	B. Associated with Network Layer

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3. Frames C. Associated with Transport Layer

- 1--->A; 2---->C; 3 --->B
- 1--->C; 2---->A; 3 --->B
- 1--->C; 2---->B; 3 --->A
- 1--->A; 2---->B; 3 --->C

9.Please see the figure below. Host A is trying to telnet to Host B. However, the Ethernet interface fa0/0 on RTC is not functioning. Which of the following statements are true? (choose 2 best answers)



- RTB will send a destination unreachable message to RTA
- RTC will send a destination unreachable message
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- RTC will inform Host A that Host B is unreachable

10. Which of the following is true of a Switch?

- Switches forward packets based on IP address.
- Switches forward packets based on MAC address.
- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: TAMILANBAN .T

Dept: CSE

College: ICT

Max. Marks	20
Marks Obtained	12

1. Which one of the following is a Class C IP address?

- 10.10.14.118
- 135.23.112.57
- 191.200.199.199
- 204.67.118.54

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

- One subnet for each Host
- One for each subnet, one for each WAN connection
- One for each network card
- One for each WAN connection only

3.You have an IP of 156.233.42.56 with a subnet mask of 7 bits. How many hosts and subnets are possible assuming that subnet 0 is not used?

- 126 subnets and 510 hosts
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4. You find that one of the serial interfaces on your router is not forwarding traffic. You have given "show ip interfaces" command. In the response, you observed the following entries against that interface:
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- There is a problem at physical layer
- There is a problem exchanging the routing information
- The link was administratively down
- There is a problem with the route both at physical and protocol layers

5. A client workstation is connected to a DHCP server through a switch and a router, The client machine has been able to access the network resources without any problem. However, after the recent configuration change on the DHCP server, the client workstation is not able to access any network resources. What is the likely solution.

- Clear arp cache on the router
- Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

6. Two sub layers of OSI Data Link layer are which of the following?

- Logical Link Control, Data Link Control
- Media Access Control, Physical Layer Control
- Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

7.Match the following:

A. Repeaters 1. Data Link Layer

B. Bridges 2. Network Layer

C. Routers 3. Physical Layer

- A --->2, B--->3, C--->1
- A--->3, B---->1, C---->2
- A--->3, B----->2, C---->1
- A---->1, B---->2, C---->3

8. Match the following:

1. Segments A. Associated with Data Link Layer

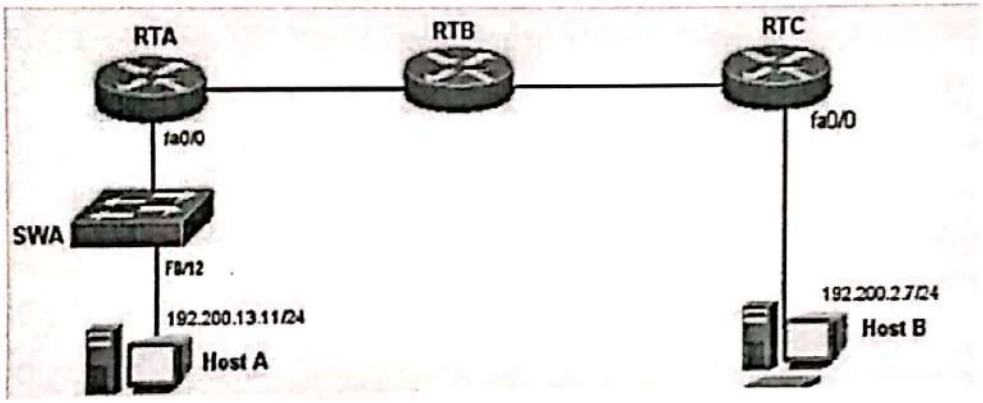
2. Packets B. Associated with Network Layer

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3. Frames C. Associated with Transport Layer

- 1--->A; 2---->C; 3 --->B
- 1--->C; 2---->A; 3 --->B
- 1--->C; 2---->B; 3 --->A
- 1--->A; 2---->B; 3 --->C

9.Please see the figure below. Host A is trying to telnet to Host B. However, the Ethernet interface fa0/0 on RTC is not functioning. Which of the following statements are true? (choose 2 best answers)



- RTB will send a destination unreachable message to RTA
- RTC will send a destination unreachable message
- RTC will inform RTA that Host B is unreachable
- RTC will inform Host A that Host B is unreachable

10. Which of the following is true of a Switch?

- Switches forward packets based on IP address.
- Switches forward packets based on MAC address.
- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY

Networking & Security Technology

Engage Your Knowledge Connection

CERTIFICATE OF COMPLETION

This is to certify that

ABHIJITH.P.T

has successfully completed the Educational Course on "CCNP" at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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ALAN.K.THOMAS

has successfully completed the Educational Course on **"CCNP"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

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This is to certify that

ARAVIND. R

has successfully completed the Educational Course on **"CCNP"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that

ARANAVE . R. PRADEEP

has successfully completed the Educational Course on **"CCNP"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Student Feedback

Name of the Student:---------Benjith----------

Year ---------III yr----------

Course Name: ---------CCNP----------

Students are required to rate the courses

[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		✓		

Signature

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Student Feedback

Name of the Student:-----Swathi P-----

Year -----III year

Course Name: ----------CC N P----------

Students are required to rate the courses

[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		✓		

Signature

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur, Coimbatore – 641 105
Department of Computer Science and Engineering

Report on CCNP

The Department of Computer and Science Engineering organized acertificate educational Career Program on**CCNP,**from19.12.2018 to 26.12.2018 December 2019 The resource person for this program was**Mr.P.K.Amarnath,**Operation Head & Consultant, Avatar Academy, Erode.The program started with the prayer song. The welcome address was given by Mr.KSivakumar, Assistant Professor,Department of Computer Science and Engineering. The Felicitation address was given by Dr.GRamesh,Principal of JCT College of Engineering and Technology,Coimbatore. The Introduction about the Chief Guest was given by Mr.RohithR, 3rd year Computer Science and Engineering.

This workshop provided hands-on networking basics, taught by an experienced technical trainer, using a live in-classroom network. Students learned about cabling, network protocols (including a close-up look at TCP/IP), network devices like hubs, switches, routers, firewalls, repeaters, gateways, and more. Students will learn how to create a secure network and avoid common network security mistakes.

This hands-on networking course had got students up to speed with practical tools and techniques that they can put to use right away to make their network run faster and more securely with fewer problems.

The atmosphere of the Educational Course was quite free.We learned a lot from the 5 days Program and were satisfied with the answers from the speaker. Ms.Vismaya pradeep,4th year Computer Science and Engineering concluded with a vote of thanks.

HOD/CSE

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10.6.2019
Pichanur

From

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

To

The Director,
XPLORE IT CORP,
Coimbatore

Dear Sir,

Sub: Requesting for Allocating a 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 computer science and Engineering is in need of an Trainer Expert from your company for Machine Learning. The Trainer will be handling classes for the IV year CSE Students during semester for 7 days.Sir I request you to give permission for the above at the earliest.

Thanking you

Yours Sincerely,

Dr.Rajiv Suresh Kumar

XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

To

Dr.G.Rajiv Suresh Kumar,

Department of Computer Science and Engineering,

JCT College of Engineering and Technology,

Coimbatore-641105.

Respected Sir,

This is to inform you that that request has been accepted and trainer willbeallocatedfrom our organisation in machine learning domain for conducting course in your college.

Thanking You,

(Director)

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore - 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Circular

June 14, 2019.

Our Department is willing to conduct a course on "Machine Learning" for third and final year CSE for 7 days. The details are given below.

The students are instructed to attend the course without fail.

S.NO.	Name of the Event	Resource Person	Organized by	Date
1	MACHINE LEARNING	Mr.Venkatesh Saravanan, Web Developer, 365 Media Private Limited, Coimbatore.	Department of CSE	17.6.19 to 24.6.19

Association coordinator

HOD/CSE

To

Class Advisor and Tutors of III and IV year CSE students (To be read in the class room) and all the faculty members of CSE dept.

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VENKATESH SARAVANAN

PROFESSIONAL SUMMARY:

- Web Developer with 5 years of experience in PHP with MySQL.
- A skilled, innovative and competent Engineering Professional with a Master's Degree in Computer Science Engineering.
- Ability to understand new concepts and technology quickly.
- Creative problem solver, who thrives on challenges, is cool under pressure and gets the job done with zero defects.

SOFTWARE EXPOSURE:

- Languages : Mainframe – JCL, COBOL, DB2, VSAM, CICS, REXX, C, C++, Core JAVA.
- Operating System : MS-DOS, MS-Windows 2000, 2007 & XP, Linux.
- WEB Technologies : **HTML5, CSS3, JAVA Script, AJAX, JQuery, NODE JS, ANGULAR JS, PHP with MySQL.**

PROJECT EXPERIENCE:

Project 1:-

Organization : 365 Media Private Limited

Designation : Junior Quality Analyst

Project : Penn Well Corporations

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Project Details:

PennWell publishes 45 business-to-business magazines and newsletters, conducts over 60 conferences and exhibitions on six continents, and has an extensive offering of books, maps, directories and database services. PennWell is like a search engine and it includes 3 interfaces they are:

Admin: This page contains all the options in it and we can modify the company details or product details that are available in the webpage. The changes, which are done in admin don't reflect in the **SFE (Search Front End)** as soon as it is done. When the approval is made, these changes will reflect in SFE. These changes will affect both the SUI and SFE (search page) upon valid approval given to these changes.

SUI (Self Update Interface): This is same as that of Admin privilege, except to the modifications which are done in Admin. We can add/delete products or the companies in this page. This is accessed by intermediate agents the under the category of "Dealers, Supplier and Editors". The can access it only if they have the permission for the access. Only with valid "Approval Changes" **all the modifications are done in SUI.** If changes are done in the SUI, this will reflect in the ADMIN and when approval is given that will be reflected in the SFE.

Search Front End (SFE is a search page.ie. the user page/customers page) where client will have full access this page for buying any product through online.

Roles & Responsibility:

- Creating test cases and implementing the tests.
- Execute all assigned test cases.
- Designing test cases.
- Put bugs into bug tracking system.
- Retest resolved bugs on each release.
- Assist with preparation of test plans

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Project 2: CSG Online2.0

Organization : 365 Media Private Limited
Designation : Junior Quality Analyst
Project : CSG Online2.0

Project Details:

CSG Online2.0 is one of the search engines. This is tool developed with the help of Gator I which is done on the basis of agile process. In this we can't able to do the changes in the front end like other projects. All the modifications are done only at the back end and the front end displays only the company details. By giving the company name the client can view a list which holds the company details as well as the product details.

Roles & Responsibility:

- Creating test cases and implementing the tests.
- Execute all assigned test cases.
- Design and prioritize test cases.
- Put bugs into bug tracking system.
- Retest resolved bugs on each release.
- Regresses existing bugs on previous software builds or alternate database/server configurations.
- Assist the test lead with test lead duties as needed.
- Provide feedback in Bug triages.
- Assist with preparation of test plans

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

Machine Learning Course Content

Day1	Class overview: Class organization, topics overview, software etc. Introduction: what is ML; Problems, data, and tools; Visualization; Matlab (I)
Day2	Linear regression; SSE; gradient descent; closed form; normal equations; features
Day3	Overfitting and complexity; training, validation, test data, and introduction to Matlab (II)
Day4	Classification problems; decision boundaries; nearest neighbor methods
Day5	Probability and classification, Bayes optimal decisions • Naive Bayes and Gaussian class-conditional distribution
Day6	Linear classifiers Bayes' Rule and Naive Bayes Model
Day7	Logistic regression, online gradient descent, Neural Networks Decision tree

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur ,Coimbatore-641105

TÜV AUSTRIA

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE COURSE- **MACHINE LEARNING**

14.6.19

Name of the Trainer: Mr.Venkatesh Saravanan
Name of the Program: Machine Learning

TIMETABLE

S.no	Date	Time	Topic
1	17.06.2019	9.00 AM to 12.30 PM	Class overview: Class organization, topics overview, software etc
		1.00 PM to 5.30 PM	Introduction: what is ML; Problems, data, and tools; Visualization; Matlab (I)
2	18.06.2019	9.00 AM to 12.30 PM	Linear regression; SSE; gradient descent;
		1.00 PM to 5.30 PM	closed form; normal equat.ons; features
3	19.06.2019	9.00 AM to 12.30 PM	Overfitting and complexity; training, validation
		1.00 PM to 5.30 PM	test data, and introduction to Matlab (II)
4	20.06.2019	9.00 AM to 12.30 PM	Classification problems; decision boundaries
		1.00 PM to 5.30 PM	nearest neighbor methods
5	21.06.2019	9.00 AM to 12.30 PM	Probability and classification, Bayes optimal decisions
		1.00 PM to 5.30 PM	Naive Bayes and Gaussian class-conditional distribution
6	22.06.2019	9.00 AM to 12.30 PM	Linear classifiers
		1.00 PM to 5.30 PM	Bayes' Rule and Naive Bayes Model
7	24.06.2019	9.00 AM to 12.30 PM	Logistic regression, online gradient descent
		1.00 PM to 5.30 PM	Neural Networks Decision tree

Faculty Co-ordinator

HOD/CSE

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE-641105

Department of Computer Science and Engineering

Academic year: 2018-19

Student Registration

Name of the Trainer:Mr.Venkatesh Saravanan

Name of the Course:Machine Learning

S.No.	Name Of the Student	SIGN
1	ABHIJITH PT	Abhijith.
2	ALAN.K.THOMAS	Alan Thomas.
3	ARAVIND.R	Aravind.
4	ARAVINTH.T	Aravinth.
5	ARNAVE. B.PRADEEP	Aranavepradeep.
6	ARUNIMA .M.K	Arunima
7	ASHWAK.A	Ashwak A
8	ASWATHY.S.NAIR	Aswathy
9	ASWIN.A	A. Aswin
10	EABI SAJI	Abin.
11	ELAKYA.R	Eabi Saji
12	GAYATHRI.C.S	Elakya.R.
13	GOKULKRISHNA.P	Gayathri.
14	GOVINDHARAJ.M	Gokulkrishna.
15	HARI PRASANTH.A	Govindharaj
16	HIBA NAZRIN.K.A	Hari Prasanth.
17	IJASRAHMAN MELEVILAKKATHIL	Hiba Nazrin
18	ISMAIL MUBHARAKH	Ismailmubharakh.
19	JILJISHA	Jiljisha
20	KISHOR.A	Kishor
21	KISHOR KUMAR.R.	Kishorkumar.
22	LOHITH.G	Lohithg
23	MAHENTH.V	Mahenth.
24	MOHAMMED AJMAL.T	Mohammed.
25	MUHAMMED JAMSHAD.P.P	Muhammed.
26	NISSY T SHERY	Nissy Shery
27	RENJITH.R	Renjith.
28	ROHITH.R	Rohith.
29	SAM WESLEY.R	Samwesley.
30	SURUTHI.P	Suruthi.
31	SYED IBRAHIM.S	Syed Ibrahim.
32	TAMILANBAN.T	Tamilanban.
33	VAISAKH.PA	Vaisakh.
34	VIJEESH.A	Vijeesh A
35	VISMAYA PRADEEP	Vismaya.
36	RISHAD.N	Rishad.N.
37	AISWARIA.E.K	Aiswaria.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105

TÜV AUSTRIA

Department of Computer Science and Engineering

38	NISHA.S.UDAYAN	Aicha.
39	VISHNU.R	Vishnu.
40	SHIBIL ROSHAN M P	Shibil
41	SHAFEEK	Shafeek.
42	ABHIMANYU.H	Abhimanyu.
43	AISWARYA.G.MENON	Aishwarya
44	RANJITH.A	Ranjith.
45	AKSHAY.G.BHAT	Akshay
46	ARJUN RAJENDRAN	Arjun Rajendran.
47	ASHWINI.K	Ashwini.
48	BHAVYA LAKSHMI.T.R	Bhavyalakshmi.
49	BINTO BENNY.M	Binto Benny
50	DEVI K.G	Devi
51	FIROZ.B	Firoz
52	JEREENA.J	Jereena.
53	JISHNU.V.K	V. Jishnu
54	KARKUZHALI.A	Karkuzhali
55	NIKHIL.P.C	Nikhil.
56	PARTHAN.A.S	Parthan.
57	PRIYADHARSHINI.A	Priyadharshini.
58	RAMYA DEVI.P	Ramya
59	REMYA.G	Remya.
60	SACHINLAL	Sachinlal.
61	SHARATH PRAKASH	Sharath Prakash
62	SREEJITH.P.K	Sreejith

Signature of HOD

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE-641105

TÜV AUSTRIA

Department of Computer Science and Engineering

Academic year: 2018-19

Attendance

Name of the Trainer: Mr.Venkatesh Saravanan

Name of the Course: MACHINE LEARNING

S.No.	Name Of the Student	1-1/6	1-1/6	8/6	8/6	13/6	13/6	20/6	20/6	21/6	21/6	22/6	28/6	28/6	29/6
1	ABHIJITH PT	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	ALAN.K.THOMAS	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	ARAVIND.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	ARAVINTH.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	ARNAVE. B.PRADEEP	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	ARUNIMA .M.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	ASHWAK.A	/	/	/	/	/	/	/	/	a	a	/	/	/	/
8	ASWATHY.S.NAIR	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	ASWIN.A	/	/	/	/	a	a	/	/	/	/	/	/	/	/
10	EABI SAJI	a	a	/	/	/	/	/	/	/	/	/	/	/	/
11	ELAKYA.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	GAYATHRI.C.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	GOKULKRISHNA.P	/	/	/	/	/	/	a	a	/	/	/	/	/	/
14	GOVINDHARAJ.M	/	/	/	/	/	/	/	/	/	/	a	a	/	/
15	HARI PRASANTH.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	HIBA NAZRIN.K.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	IJASRAHMAN MELEVILAKKATHIL	/	/	/	/	/	/	/	/	/	/	/	/	a	a
18	ISMAIL MUBHARAKH	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	JILJISHA	/	/	/	/	/	/	/	/	a	a	/	/	/	/
20	KISHOR.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	KISHOR KUMAR.R.	/	/	a	a	/	/	/	/	/	/	/	/	/	/
22	LOHITH.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	MAHENTH.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	MOHAMMED AJMAL.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	MUHAMMED JAMSHAD.P.P	/	/	/	/	a	a	/	/	/	/	/	/	/	/
26	NISSY T SHERY	a	a	/	/	/	/	/	/	/	/	/	/	/	/
27	RENJITH.R	/	/	/	/	/	/	a	a	/	/	/	/	/	/
28	ROHITH.R	/	/	/	/	/	/	/	/	/	/	a	a	/	/
29	SAM WESLEY.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	SURUTHI.P	/	/	/	/	/	/	/	/	/	/	/	/	a	a
31	SYED IBRAHIM.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	TAMILANBAN.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	VAISAKH.PA	/	/	a	a	/	/	/	/	/	/	/	/	/	/
34	VIJEESH.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	VISMAYA PRADEEP	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE-641105

Department of Computer Science and Engineering

| | | |

XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

MACHINE LEARNING TEST

Name of the Student:---Vishaul.T
College:----------ICT----------

1. Which of the following can be used to create sub–samples using a maximum dissimilarity approach ?
   A. minDissim
   B. maxDissim
   C. inmaxDissim
   D. All of the Mentioned

2. Which of the following can be used to impute data sets based only on information in the training set. ?
   A. postProcess
   B. preProcess
   C. process
   D. All of the Mentioned

3. Which of the following model model include a backwards elimination feature selection routine?
   A. MCV
   B. MARS
   C. MCRS
   D. All of the Mentioned

4. Which of the following is a categorical outcome?
   A. RMSE
   B. RSquared
   C. Accuracy
   D. All of the Mentioned

5. Which of the following function provides unsupervised prediction ?
   A. cl_forecast
   B. cl_nowcast
   C. cl_precast
   D. None of the Mentioned

6. Which of the following library is used for boosting generalized additive models ?
   A. gamBoost
   B. gbm
   C. ada
   D. All of the Mentioned

7. Which of the following is characteristic of best machine learning method ?
   A. Fast
   B. Accuracy
   C. Scalable
   D. All of the Mentioned

8. Point out the correct statement:

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A. Asymptotics are used for inference usually
B. caret includes several functions to pre-process the predictor data
C. The function dummyVars can be used to generate a complete set of dummy variables from one or more factors
D. All of the Mentioned

9. Point out the correct statement:
A. findLinearColumns will also return a vector of column positions can be removed to eliminate the linear dependencies
B. findLinearCombos will return a list that enumerates dependencies
C. The function findLinearRows can be used to generate a complete set of row variables from one factor
D. None of the Mentioned

10. Point out the correct statement:
A. The difference between the class centroids and the overall centroid is used to measure the variable influence
B. The Bagged Trees output contains variable usage statistics
C. Boosted Trees uses different approach as a single tree
D. None of the Mentioned

TOTAL MARKS : 8/10

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

MACHINE LEARNING TEST

Name of the Student: AISWARIA E.K
College: JCT

1. Which of the following can be used to create sub–samples using a maximum dissimilarity approach ?
   A. minDissim
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D. None of the Mentioned

TOTAL MARKS : 8/10

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

MACHINE LEARNING TEST

Name of the Student: RAMYA G.
College: JCT

1. Which of the following can be used to create sub–samples using a maximum dissimilarity approach ?
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D. None of the Mentioned

TOTAL MARKS : 7/10

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

MACHINE LEARNING TEST

Name of the Student: JEREESH J
College: JCT

1. Which of the following can be used to create sub-samples using a maximum dissimilarity approach ?
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C. The function findLinearRows can be used to generate a complete set of row variables from one factor
D. None of the Mentioned

10. Point out the correct statement:
A. The difference between the class centroids and the overall centroid is used to measure the variable influence
B. The Bagged Trees output contains variable usage statistics
C. Boosted Trees uses different approach as a single tree
D. None of the Mentioned

TOTAL MARKS : 8/10

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MACHINE LEARNING TEST

Name of the Student: Tuthisa
College:----------

1. Which of the following can be used to create sub–samples using a maximum dissimilarity approach ?
   A. minDissim
   B. maxDissim
   C. inmaxDissim
   D. All of the Mentioned

2. Which of the following can be used to impute data sets based only on information in the training set. ?
   A. postProcess
   B. preProcess
   C. process
   D. All of the Mentioned

3. Which of the following model model include a backwards elimination feature selection routine?
   A. MCV
   B. MARS
   C. MCRS
   D. All of the Mentioned

4. Which of the following is a categorical outcome?
   A. RMSE
   B. RSquared
   C. Accuracy
   D. All of the Mentioned

5. Which of the following function provides unsupervised prediction ?
   A. cl_forecast
   B. cl_nowcast
   C. cl_precast
   D. None of the Mentioned

6. Which of the following library is used for boosting generalized additive models ?
   A. gamBoost
   B. gbm
   C. ada
   D. All of the Mentioned

7. Which of the following is characteristic of best machine learning method ?
   A. Fast
   B. Accuracy
   C. Scalable
   D. All of the Mentioned

8. Point out the correct statement:

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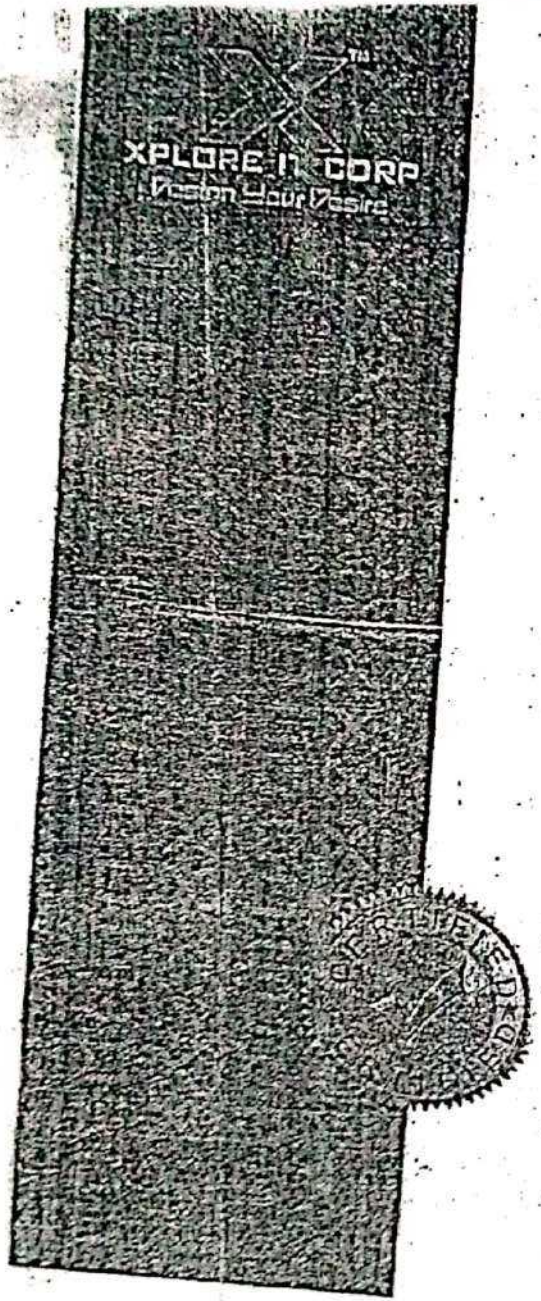
A. Asymptotics are used for inference usually
B. caret includes several functions to pre-process the predictor data
C. The function dummyVars can be used to generate a complete set of dummy variables from one or more factors
D. All of the Mentioned

9. Point out the correct statement:
A. findLinearColumns will also return a vector of column positions can be removed to eliminate the linear dependencies
B. findLinearCombos will return a list that enumerates dependencies
C. The function findLinearRows can be used to generate a complete set of row variables from one factor
D. None of the Mentioned

10. Point out the correct statement:
A. The difference between the class centroids and the overall centroid is used to measure the variable influence
B. The Bagged Trees output contains variable usage statistics
C. Boosted Trees uses different approach as a single tree
D. None of the Mentioned

TOTAL MARKS : 8/10

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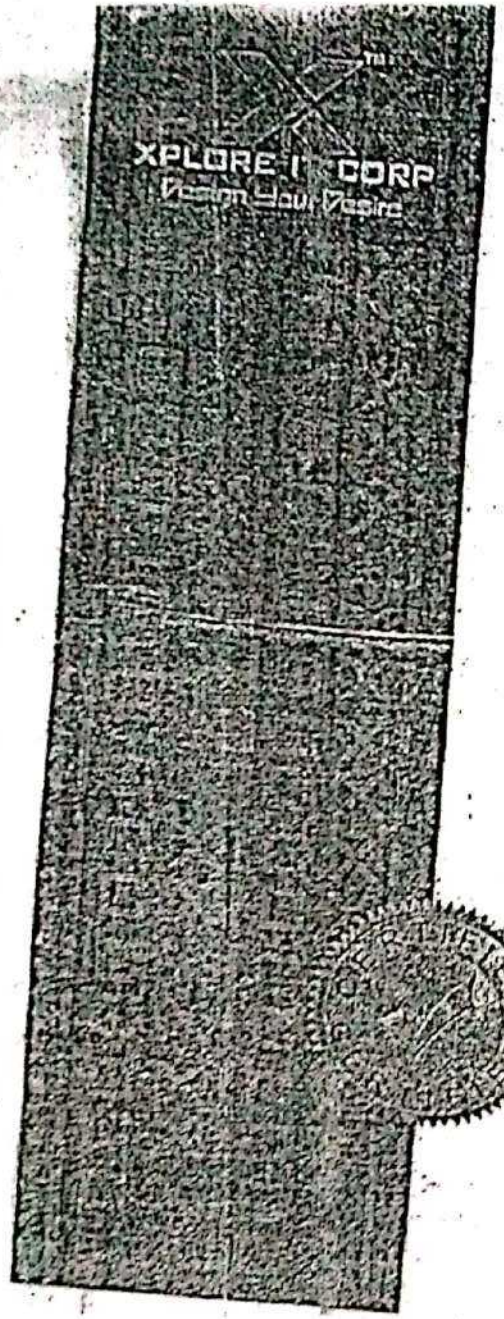
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Technical Head

Director

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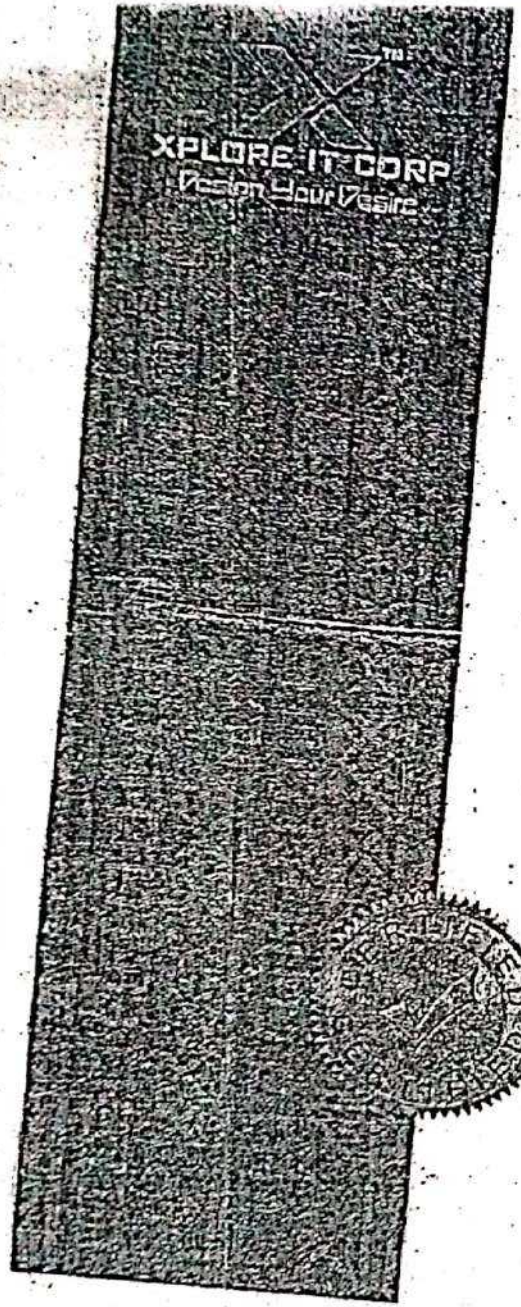
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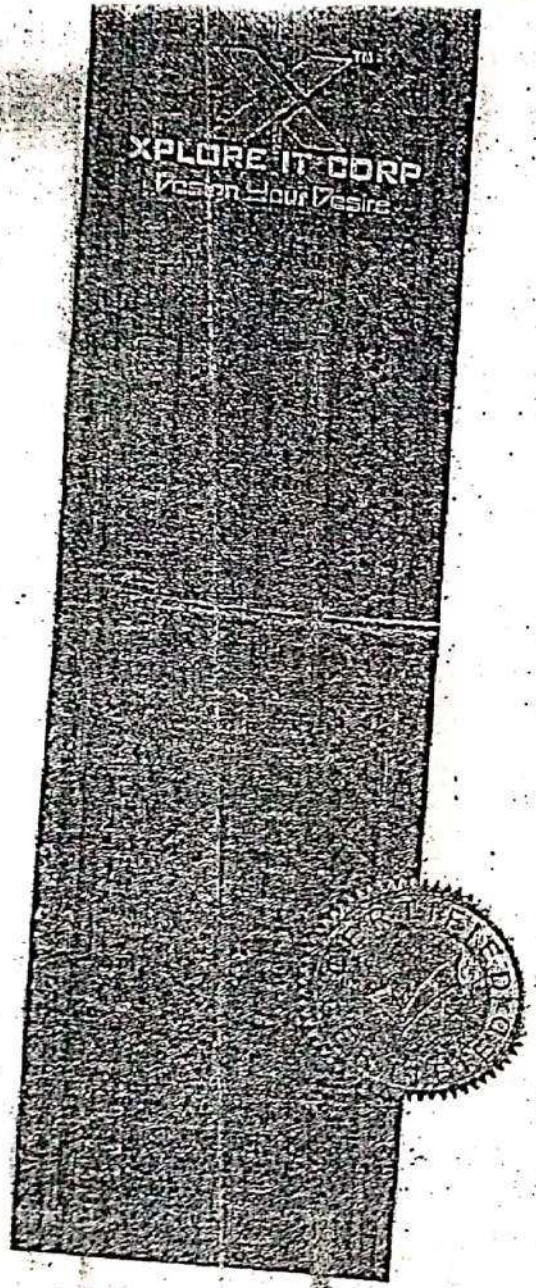
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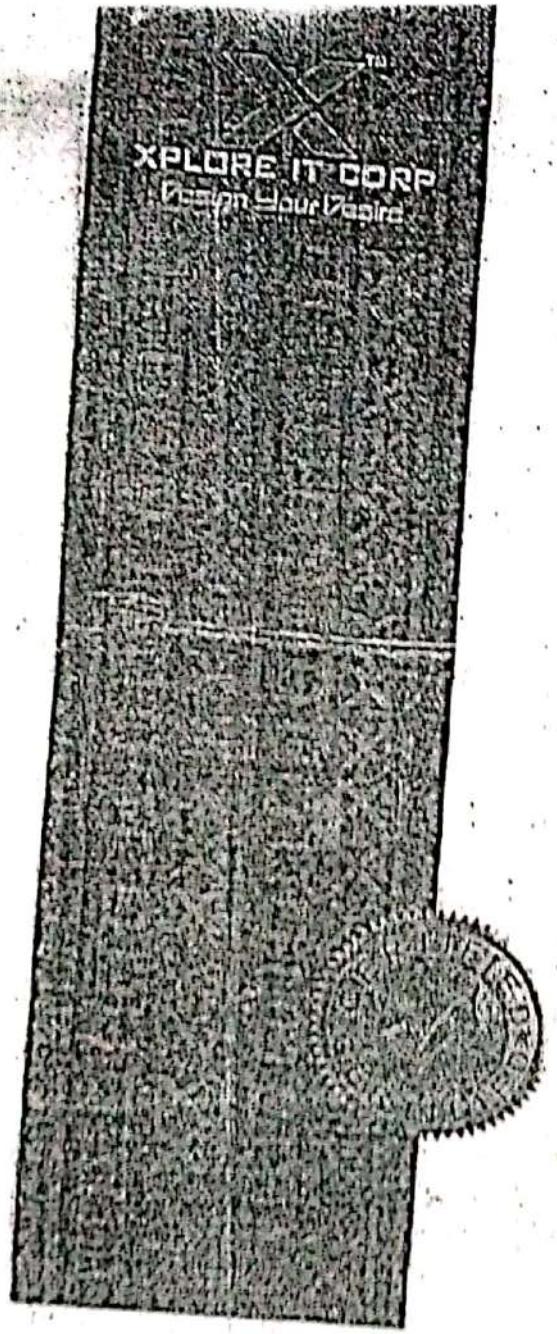
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Student Feedback

Name of the Student: Elakya R

Year Third Year

Course Name: Machine learning

Students are required to rate the courses

[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	✓			

R. Elakya

Signature

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COIMBATORE 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Student Feedback

Name of the Student:---------Lahith G----------

Year ----III---------

Course Name: ---------Machine learning----
Students are required to rate the courses

[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	✓			

Signature

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur, Coimbatore - 641 105

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT FOR THE COURSE ON MACHINE LEARNING

The Department of Computer Science and Engineering organized a five days course on "Machine Learning" on 17th June 2019 to 24th June 2019 for the students of IV year CSE. Mr.Venkatesh Saravanan, Web Developer, 365 Media Private Limited, Coimbatore was the resource person for the occasion. The program started with welcome address given by Mr.G.Deeban Chakkarawathi, Assistant Professor, Computer Science and Engineering.

The Speaker highlighted that robotics is a very interesting area of research in Machine Learning and she urged the students to take maximum benefits out of the lecture. It started off by putting forward interesting queries that arise in day to day activities, and then explained how those seemingly unsolvable queries can be solved by Machine Learning. She highlighted that machine can think and act like a human by applying the concept of Machine Learning.

Machine Learning is a way of making a computer, a computer-controlled robot, or a software think intelligently, in the similar manner the intelligent humans think. Knowledge capturing and representation (KC and KR) is the field of Machine Learning dedicated to representing information about the world in a form that a computer system can utilize to solve complex tasks such as diagnosing a medical condition or having a dialog in a natural language. Knowledge representation incorporates findings from psychology about how humans solve problems and represent knowledge in order to design formalisms that will make complex systems easier to design and build. Then she introduced about predicate calculus. And also gave brief detail on topics such as Fuzzy reasoning, BayesianTheory and Bayesian Network.

The session was concluded with clarifying questions raised by students and also feedback about the course was given by the students.Vote of thanks given by Mr.K.Sivakumar, Assistant Professor (Sr.G), Computer Science and Engineering.

HOD/CSE

PRINCIPAL

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Computer Science and Engineering

Circular

December 16, 2018.

Our Department is willing to conduct a course on "CCNP " for third and final year CSE and ECE students for 7 days. The details are given below.

The students are instructed to attend the course without fail.

S.NO.	Name of the Event	Resource Person	Organized by	Date
1	CCNP	Mr.P.K.Amarnath, Operation Head & Consultant, Avatar Academy, Erode.	Department of CSE	19.12.18 to 26.12.18

K.C$x.m07
Association coordinator

HOD/CSE

To

Class Advisor and Tutors of IV year CSE,ECE students (To be read in the class room) and all the faculty members of CSE,ECE dept.

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Mr. P.K. AMARNATH M.C.A, M.E., (Ph.D.)

(CCNA(R&S), CCNA-IINS, CCNP-R,CCNP-SENSS, & CCSA on-line Certified)

Operations Head and Consultant

AVATAR ACADEMY - Networking & Security

Near Karnataka Bank, No: 3/1, 1st Floor,

Buddhar Street, Teachers Colony,

Erode (Dt.), Tamil Nadu, India - 638 011

Mobile No.: +91 94436 96028

Website: www.avataracademy.in

Career Profile

Mr. P.K. Amarnath is a M.C.A., M.E., (Ph.D.) graduate in Computer Science. He has completed International Certifications like CCNA(R&S), CCNA(IINS), CCNP(Routing), CCNP(Security), & CCSA, and who has got 9 years experience in the field of Training. He has trained nearly 3000+ students so far. His students pursue for higher courses in their stream inspired by his teachings which itself speaks of his capacity and his unique approach in the way of training.

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AVATAR ACADEMY
NETWORKING & SECURITY

Near Karnataka Bank, No.3/1, 1st Floor, Buddhar Street, Teachers' Colony, Perundural Road, Erode – 638 011
Mobile No.: 94436 96028 | Email-Id.: avataracademyerode@gmail.com | Web Site: www.avataracademy.in

Dear Sir/Madam,

Warm Greetings from **Avatar Academy - Networking & Security** Learning!

We are focusing on **Technical** skills in the **Networking & Security** domains, and we are the **First training institute in ERODE** with hands on lab practice with **real Networking & Security-Firewall** devices infrastructure.

Avatar Academy **infrastructure** acquires **400+ Cisco Routers, 10 Cisco Switches, 4 Cisco ASA Firewalls, 20 Checkpoint Firewalls, 50+ Microsoft / Red-Hat Servers + Systems, & 15+ Wireless Laptops** for accessing wireless racks.

After completion of the Course We'll provide **100% placement assistance** to the students. (**Condition**: Student(s) should have good communication skills). The current recruiters are **CSS Corp., Sutherland, HCL, KGISL, HP, Infosys, NSE India, Reliance Communication, Airtel, Aircel, TCS, & etc.**. I've trained around **1000+** students for past **9 years** in Chennai & Erode and provided IT jobs around **200+ students**.

Avatar Academy – Networking & Security Courses offered are:

CISCO: CCNA – R&S, CCNA - IINS, CCNP - Routing, CCNP - Switching, CCNP – Security

CHECKPOINT: CCSA, & CCSE

MICROSOFT: MCITP, & MCSE

RED-HAT: RHCSA, & RHCE

EC-COUNCIL: CEH V8

(ISC)²: CISSP

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur ,Coimbatore-641105

TÜV AUSTRIA

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE COURSE- CCNP

16.12.18

Name of the Trainer: Mr.Amarnath
Name of the Program: CCNP

TIMETABLE

S.no	Date	Time	Topic
1	19.12.2018	9.00 AM to 12.30 PM	Introduction to networking
		1.00 PM to 5.30 PM	OSI & TCP/IP Model
2	20.12.2018	9.00 AM to 12.30 PM	Introduction to IPV4 & IPV6 Addressing
		1.00 PM to 5.30 PM	IP Addressing-Class full, Sub-netting with VLSM, & Classless Addressing
3	21.12.2018	9.00 AM to 12.30 PM	Introduction to Routers and Routers Components & Models
		1.00 PM to 5.30 PM	Routers Command line Interface and Routers Basic configuration Commands
4	22.12.2018	9.00 AM to 12.30 PM	Telnet, & Console Password Recovery
		1.00 PM to 5.30 PM	IPV4 & IPV6 Routing
5	24.12.2018	9.00 AM to 12.30 PM	Routing (RIP, IGRP, EIGEP, OSPF, & BGP) & WAN (HDLC, Frame-Relay, & PPP) configurations
		1.00 PM to 5.30 PM	Introduction to Switches & Switches Models
6	25.12.2018	9.00 AM to 12.30 PM	Network Segmentation and Basic Traffic Management Concepts
		1.00 PM to 5.30 PM	Basic Switching Concepts and the Operation of Switches
7	26.12.2018	9.00 AM to 12.30 PM	AAA, VPN, HSRP, VRRP
		1.00 PM to 5.30 PM	VLAN, STP, DHCP, NAT, & ACL configurations, CCNP route

Faculty Co-ordinator

HOD/CSE

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Networking & Security Technology

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CCNP Training Outline

Networking concepts

- Components of network – router, switch, hub, bridge etc
- Types of Network - LAN, MAN, WAN, VPN, PAN & Content Network
- Defining Network requirements – NIC- Ethernet (CSMA/CD)
- 10/100/1000 mbps DUPLEX (Half/Full/Auto) - Connecting Media – Coax.
- 10 base 2T - UTP/STP - CAT 1/2/3..
- Straight through/cross crimping (only details no practical)
- Fiber optics - Single/Multimedia
- 100 Base TX/FX etc - wireless communication.
- Ethernet cabling Standard.
- Connecting Devices
- Repeater – Hub – Switch – Bridge - Topology – Bus/Star/Ring

OSI - Model

- 7 Layers - Communication between the Layers (Encapsulation & De-encapsulation) - PDU.
- Layer 2 - MAC/LLC - 802.3/802.2 (SAP/SNAP) /Ethernet II - Frames
- Broadcast/Collision domain - point of - Hub/Switch/Router
- L4 - 3way handshake - windowing - and about - Connectionless
- Packet size [64B (mini) to 1518B (Max)]

TCP/IP Model & Ipv4 Addressing

- All Layers of TCP/IP Compound with - OS
- Application Layer - TFTP/FTP/SMTP/TELNET/SNMP/DNS
- Transport Layer - TCP/UDP - TCP Segment Format
- 3 way handshake/windowing - UDP segment Format
- Internet Layer
- IP datagram format - Protocol No. - TCP 6 - UDP 17
- ICMP – ARP –RARP
- Introduction to IP addressing - Class A/B/C/D/E
- Private IP address - First OCTET range etc.

Subnetting

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- Default Subnet Mask
- Class C Subnetting & Practice no. given
- Class B Subnetting & problems
- Class A Subnetting & problems

Introduction to IPV6

- Introduction
- Host Address Assignment
- Unicast, Multicast and other Special ipV6 Addresses
- Configuring ipV6 Routing and Routing Protocols
- Translations between ipV4 and ipV6
- Summary

Basic of Router & Configuration

- Selection of Router & Cabling a Route
  - When Router used - LAN with WAN connect – to connect networks of different IP
  - Different interface of Router - AUI /S0/S1/AUX - console / BRI etc.
  - Cables used in different interfaces/purpose of interfaces.
  - WAN interface cable - EIA/TIA - 232/449/530 - V.35 - X.21
  - Different CISCO series - modular/fixed - 10mbps/100 etc
  - Straight through between DTE & DCE

Different modes of operation & basic commands

- Internal Components:
  - ROM - POST - BSL - ROM-MONITOR PRG - MINIIOS
  - Different interface of Router - AUI /S0/S1/AUX - console / BRI etc.
  - DRAM -Running Config
  - NVRAM - Startup Config
  - Flash MEM – IOS
- Different Modes:
  - ROM Monitor - Reboot Mode - Setup - Exec Model
- Exec Mode
  - User -Privilege - Global - Sub-configuration mode
  - Syntax/command to switch between modes
  - Assigning IP address for -E0-S0-S1
  - Enabling/disabling - console/privilege / vty password
  - Mold – command
  - Show Config / start / run / version / flash

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- Basic commands practice
  - Changing between modes - (user-privilege- Global-etc)
  - IP address configuration-E0-S0-S1
  - Password - enabling - encrypting it
  - Practice – motd – show commands – editing commands
  - Assigning host name (for Router)
- Advanced Commands
  - Register value - X2102 - boot field value/purpose ROM monitor made - password breaking 8th/6th/13th bit of register value importance
  - Boot system flash/network/ROM - config-register (Changing register value) - etc command purpose Booting sequence - Backup & Recovery - CDP
  - Practice an above commands as well as following
  - Telnet - [ctrl+shift+6]x - disconnect – sh users /Sessions
  - Clear lines resume - [hostname resolving in telnet domain Enabling/disabling etc - no practical for this alone]
  - Overview of Cisco SDM (Security Device Manager)

IP Routing

- IP Routing, Static Routing & Default Routing
  - IP routing - static routing - default- dynamic routing.
  - Providing clock rate to up the link after identifying DCE by "Sh controllers" command.
  - Commands/syntax - Static/default routing
- Static Routing & Default Routing
  - Practical-session for Static & default routing
- Dynamic Routing and RIP
  - Dynamic Routing - IGP & EGP.
  - IGP - RIP-OSPF - EGRP - EIGRP
  - Classes of Routing Protocol - Distance vector - Link State - Balanced hybrid
  - Role of Routing Protocol - builds/updates/selects & Routes the packet
  - Soluting for Routing loops - Max. loop count - split horizon - Route poison Reverse – Hold down Timer
  - Features of RIP - distance vector algorithm – RIP V1/V2 - load sharing - metric (depends – loop count)
  - Metric value depends - loop count - Ticks - delay - Reliability - cost - MTU - Bandwidth
  - Command - Router RIP Network
  - Sh IP route

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- Timer value for RIP– Update/Invalid/ hold down/flush Timer

- RIP

- Dynamic Routing – RIP Practical

- Dynamic Routing EIGRP & OSPF
  - Limitations of distance vector algorithm
  - Features of EIGRP and its operations
  - Configuring EIGRP –"Auto-redistribution"
  - Verify and troubleshooting EIGRP
  - Features of OSPF and its operation
  - Selection of DR and BDR election
  - Configuring single area OSPF
  - Verify and troubleshoot OSPF
- Access List
  - Purpose/advantage of Access-list
  - IP [-for a host – for a network/sub network].
  - Std IP access-list - wild card calculation
  - Extd IP access list
  - Switch port ACL,.
  - Step involved in creating access list
  - Applying access list at the interface – (inbound/outbound)
  - Named access-list for IP
  - Access-list in Telnet session t
- IP standard Access List
  - Practical on
  - IP Std access-list
- IP Extended Access List
  - IP Extd access-list, named access lists
- NAT
  - Implement, Verify & Troubleshoot NAT
    - Explain the Basic Operation Of NAT
    - Using (including CLI/SDM)
    - Practicals on Static NAT, Dynamic NAT and PAT
    - Troubleshoot NAT issues
- WAN Technologies
  - WAN Technologies- Leased Line

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- VTP purpose
- VTP domain
- VTP modes of operation
- Switching Technologies (including VTP, RSTP, PVSTP, 802.1q)
- Implement Basic Switch Security (including Port Security, Trunk access .etc)

- Wireless LAN
  - Wireless Intro & Operation
    - Standards associated with Wireless Media (including WI-FI Alliance, ITU/FCC)
    - Ad-hoc mode, infrastructure mode
    - SSID, BSS, ESS
    - Basic Parameters to configure on a Wireless Network
    - Wireless Security Feature's (WEP, WPA 1/2)
    - Implementing Wireless Networks

CCNP - Route

CCNA Course Revision

- Routers & Switches
- Addressing
- Routing and its Importance

Introducing EIGRP

- EIGRP Capabilities and Attributes
- Underlying Processes and Technologies
- EIGRP Operation
- EIGRP Tables
- EIGRP Metric
- Calculating the EIGRP Metric
- Integrating the EIGRP and IGRP Routes

Implementing and Verifying EIGRP

- Configuring Basic EIGRP
- Using a Wildcard Mask in EIGRP
- Configuring the ip default-network Command
- ip default-network Command
- Verify EIGRP IP Routes

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- Leased line
- P to P communication
- HDLC & PPP protocol-features
- Enabling HDLC & PPP

- PPP Link
  - PPP layer & its explanation/role
  - PAP/CHAP role
  - Configuring PAP/CHAP using commands
- VPN
  - Describe VPN technology
  - Importance Of VPN
  - Benefits & Role
  - Impact & Components
- Frame-Relay
  - Packet Switched Network
  - Virtual circuit – DLCI – Access-link – CRI – FECN – BECN - LMI
  - Enabling Frame-relay

- Switching

Switching Operation and Configuration

- Function – add-learning / Forward-filters the Frame / loop avoidance
- Redundant path and its problems
- Spanning Tree Protocol - purpose – its different state (blocking/listening/learning/forwarding)
- Modes of operation of switch/Bridge
- Port duplexing
- Switch & hub – half duplex
- Switch & Server – full duplex
- CISCO catalyst switch 1912 & 1924 interface details
- M/K/I modes
- Basic and advanced commands
- Enabling & configuring MAC address table

- VLAN Configuration
  - VLAN – ISL - Trunking
  - Enabling Trunking
  - Assigning VLAN No. & name
  - Configuring ports to a specific VLAN

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- Exchanging and Synchronizing LSDBs
- Maintaining Network Routes
- Maintaining Link-State Sequence Numbers
- debug ip ospfpacket

Configuring OSPF Routing

- Configuring Basic Single-Area and Multiarea OSPF
- Configuring OSPF on Internal Routers of a Single Area
- Configuring OSPF for Multiple Areas
- Configuring a RouterID
- Verifying the OSPF Router ID
- Verifying OSPF Operation
- The show ip route ospf Command
- The show ip ospf interface Command
- The show ip ospf neighbor Command

OSPF Network Types

- Introducing OSPF Network Types
- Adjacency Behavior for a Point-to-Point Link
- Adjacency Behavior for a Broadcast Network Link
- Selecting the DR and BDR
- Adjacency Behavior for an NBMA Network
- OSPF over Frame Relay Configuration Options
- Sample Configuration of a Router Using OSPF Broadcast Mode
- OSPF over Frame Relay NBMA Configuration
- neighbor Command
- OSPF over Frame Relay Point-to-Multipoint Configuration
- Point-to-Multipoint Configuration
- Using Subinterfaces in OSPF over Frame Relay Configuration
- Point-to-Point Sub interface
- Multipoint Sub interface
- OSPF over NBMA Topology Summary
- Tracking OSPF Adjacencies

Link-State Advertisements

- OSPF Router Types
- OSPF Hierarchical Routing

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- EIGRP Configuration, Verify EIGRP IP Operations

Configuring Advanced EIGRP Options

- Route Summarization
- Configuring Manual Route Summarization
- Load Balancing Across Equal Paths
- Configuring Load Balancing Across Unequal-Cost Paths
- Variance
- EIGRP Bandwidth Use Across WAN Links
- Configuring EIGRP Bandwidth Use Across WAN Links
- WAN Configuration—Frame Relay Hub-and-Spoke Topology
- WAN Configuration–Hybrid Multipoint

Configuring EIGRP Authentication

- Router Authentication
- MD5 Authentication
- Configuring MD5 Authentication
- Verifying MD5 Authentication
- Troubleshooting MD5 Authentication

Using EIGRP in an Enterprise Network

- Scalability in Large Networks
- EIGRP Queries

EIGRP Stubs

- Limiting Updates and Queries: Using EIGRP Stub
- EIGRP stub Parameters
- SIA Connections
- Preventing SIA Connections
- Graceful Shutdown

Introducing the OSPF Protocol

- Link-State Routing Protocols
- OSPF Area Structure
- OSPF Adjacency Databases
- Calculating the OSPF Metric
- Link-State Data Structures

OSPF Packets

- OSPF Neighbor Adjacencies

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- AS Path Attribute
- Next-Hop Attribute
- Origin Attribute
- Local Preference Attribute
- MED Attribute
- Weight Attribute
- Determining the BGP Path Selection
- Selecting a BGP Path
- Path Selection with Multihomed Connection

Using Route Maps to Manipulate Basic BGP Paths

- Setting Local Preference with Route Maps
- Setting the MED with Route Maps
- Implementing BGP in an Enterprise Network

Implementing IPv6

- Introduction to IPv6
- Describing IPv6 Features

Defining IPv6 Addressing

- Describing IPv6 Addressing Architecture
- Defining Address Representation
- IPv6 Address Types
- Multiple ISPs and LANs with Multiple Routers

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

TÜV AUSTRIA

S.NO	NAME	SIGNATURE
1	AJAY SANKAR.A	
2	AJMAL.B	
3	ALTHAF.M.A	
4	ATHIRA.A.M	
5	HARI.N.P	
6	ISHA NAZLIN.M	
7	LUBNA.N.A	
8	MEENU VIJAYAN	
9	NIDHEESH.P.N	
10	NITHIN RAJ.K	
11	RATHNA .P	
12	SABEENA BEEGUM.S	
13	SRUTHI.EP	
14	VARSHA.M	
15	VIGNESH.S	
16	VISHNU.T	
17	VISHNU.T.U	
18	ALBIN PAUL CORREYA .M	
19	SHAHUL JEFRY .N	
20	VISHAL.V.VARGHESE	
21	ABHIMANYU.K	
22	ADHEEB KADAVATH	
23	ARIYA.V	
24	ARUL NELSON.J	
25	ASIF ALI .P	
26	ASWATHY.P	
27	DEVI DHARSHINI .K	
28	EASTER JANEESH.J	
29	GOMATHI .A	
30	JABIR.K.A	
31	JANANI.J	
32	JISHNURAJ.K.J	
33	JITHU.J	
34	KALEES	
35	KARUPPATHAL.D	
36	MOHAMMED RABIYULLA.K	
37	MUHAMMED ALSHIF T.P	
38	NANDHINI .V	
39	NAVEENA .M	
40	NAVYA.N	
41	NIKITA.B	
42	NIVEDHA.V	
43	POOMANI BHARATHI.J	
44	RAJA PRIYA.S	
45	RAMYA.R	
46	SABAREESH T.R	
47	SAJINAMOL.A	
48	SANGEETHA .A	

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ATTENDANCE REPORT

TÜV AUSTRIA

COURSE NAME::CCNP

DATE: 19/12/2018 — 26/12/2018

S.NO	NAME	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
1	AJAY SANKAR.A																														
2	AJMAL.B																														
3	ALTHAF.M.A																														
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30	JABIR.K.A																														
31	JANANI.J																														

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		14/12/18						20/12 - 21/12						22/12 - 23/12						24/12						26/12					
32	JISHNURAJ.K.J																														
33	JITHU.J																														
34	KALEES															a	a														
35	KARUPPATHAL.D																														
36	MOHAMMED RABIYULLA.K																														
37	MUHAMMED ALSHIF T.P																														
38	NANDHINI .V																														
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40	NAVYA.N																													a	
41	NIKITA.B																														
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44	RAJA PRIYA.S	a																													
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46	SABAREESH T.R																														
47	SAJINAMOL.A																														
48	SANGEETHA .A							a																						a	
49	SHYBEESH.S																										a				
50	SURYA.S																														
51	VASUMATHI.M																														
52	VELAVAN.R																														
53	ANAS.T																														
54	ABISHAKE. U																										a				
55	HANEEF AHAMED.I																														
56	SIBIN LAL																														
57	JEMSHEER																														

HOD/ECE

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Networking & Security Technology

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CERTIFICATE OF COMPLETION

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PRINCIPAL

JCT College of Engineering and Technology

Operations Head & Consultant
(Prof.P.K.Amarnath)

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Pichanur, Coimbatore-641 105

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Pichanur, ... 641105

Operations Head & Consultant
(Prof.P.K.Amarnath)

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Pichanur, Coimbatore

Operations Head & Consultant
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This is to certify that

MEENU VIJAYAN

Has successfully completed the Educational Course during 19.12.18 to 26.12.18 on topic "CCNP" at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

JCT Co

Operations Head & Consultant
(Prof.P.K.Amarnath)

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: Sabarish

Dept: ECE

College: SJIT COT

Max. Marks	10
Marks Obtained	10

1. Which one of the following is a Class C IP address?

- 10.10.14.118
- 135.23.112.57
- 191.200.199.199
- (✓) 204.67.118.54

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

- One subnet for each Host
- (✓) One for each subnet, one for each WAN connection
- One for each network card
- One for each WAN connection only

3.You have an IP of 156.233.42.56 with a subnet mask of 7 bits. How many hosts and subnets are possible assuming that subnet 0 is not used?

- (✓) 126 subnets and 510 hosts
- 128 subnets and 512 hosts
- 510 subnets and 126 hosts
- 512 subnets and 128 hosts

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4. You find that one of the serial interfaces on your router is not forwarding traffic. You have given "show ip interfaces" command. In the response, you observed the following entries against that interface:
Serial 0 is up, line protocol is down. What is the likely problem?

- There is a problem at physical layer
- (There is a problem exchanging the routing information
- The link was administratively down
- There is a problem with the route both at physical and protocol layers

5. A client workstation is connected to a DHCP server through a switch and a router, The client machine has been able to access the network resources without any problem. However, after the recent configuration change on the DHCP server, the client workstation is not able to access any network resources. What is the likely solution.

- Clear arp cache on the router
- (Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

6. Two sub layers of OSI Data Link layer are which of the following?

- Logical Link Control, Data Link Control
- Media Access Control, Physical Layer Control
- (Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

7.Match the following:

A. Repeaters 1. Data Link Layer

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B. Bridges 2. Network Layer

C. Routers 3. Physical Layer

- A --->2, B--->3, C--->1
- A--->3, B---->1, C---->2
- A--->3, B----->2, C---->1
- A---->1, B---->2, C---->3

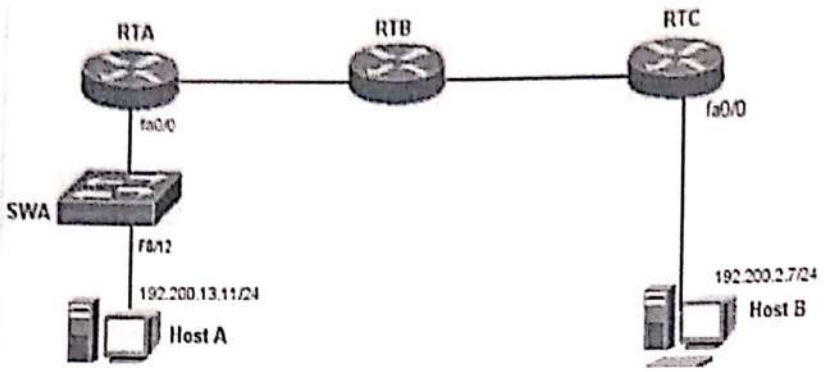
8. Match the following:

1. Segments A. Associated with Data Link Layer
2. Packets B. Associated with Network Layer
3. Frames C. Associated with Transport Layer

- 1--->A; 2---->C; 3 --->B
- 1--->C; 2---->A; 3 --->B
- 1--->C; 2---->B; 3 --->A
- 1--->A; 2---->B; 3 --->C

9.Please see the figure below. Host A is trying to telnet to Host B. However, the Ethernet interface fa0/0 on RTC is not functioning. Which of the following statements are true? (choose 2 best answers)

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- RTB will send a destination unreachable message to RTA
- (D) RTC will send a destination unreachable message
- RTC will inform RTA that Host B is unreachable
- (C) RTC will inform Host A that Host B is unreachable

10. Which of the following is true of a Switch?

- Switches forward packets based on IP address.
- (B) Switches forward packets based on MAC address.
- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Max. Marks	10
Marks Obtained	9

Name Of the Candidate: JEMSHEER

Dept: ECE

College: JCTCET

1. Which one of the following is a Class C IP address?

- 10.10.14.118
- 135.23.112.57
- 191.200.199.199
- (c) 204.67.118.54

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

- One subnet for each Host
- (c) One for each subnet, one for each WAN connection
- One for each network card
- One for each WAN connection only

3.You have an IP of 156.233.42.56 with a subnet mask of 7 bits. How many hosts and subnets are possible assuming that subnet 0 is not used?

- (c) 126 subnets and 510 hosts
- 128 subnets and 512 hosts
- 510 subnets and 126 hosts
- 512 subnets and 128 hosts

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5. A client workstation is connected to a DHCP server through a switch and a router, The client machine has been able to access the network resources without any problem. However, after the recent configuration change on the DHCP server, the client workstation is not able to access any network resources. What is the likely solution.

- Clear arp cache on the router
- Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

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- Logical Link Control, Data Link Control
- Media Access Control, Physical Layer Control
- Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

7.Match the following:

A. Repeaters 1. Data Link Layer

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B. Bridges 2. Network Layer

C. Routers 3. Physical Layer

○ A --->2, B--->3, C--->1

○ A--->3, B---->1, C---->2

(●) A--->3, B----->2, C---->1

○ A---->1, B---->2, C---->3

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3. Frames C. Associated with Transport Layer

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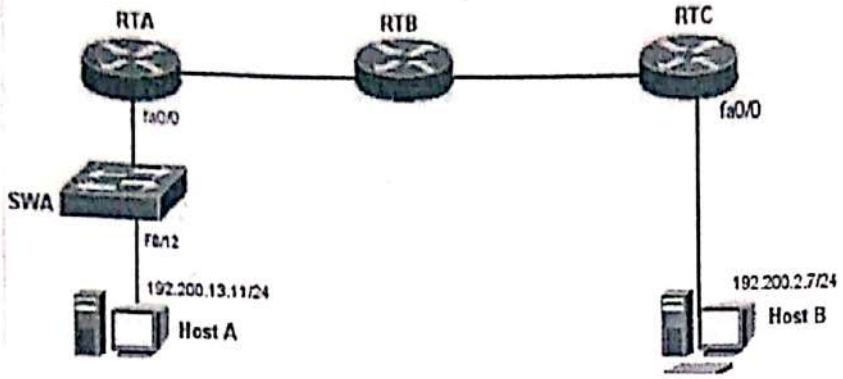
(●) 1--->C; 2---->A; 3 --->B

○ 1--->C; 2---->B; 3 --->A

○ 1--->A; 2---->B; 3 --->C

9.Please see the figure below. Host A is trying to telnet to Host B. However, the Ethernet interface fa0/0 on RTC is not functioning. Which of the following statements are true? (choose 2 best answers)

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- RTC will send a destination unreachable message
- RTC will inform RTA that Host B is unreachable
- RTC will inform Host A that Host B is unreachable

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- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: HARI. N.P

Dept: ECE

College: JCTCET

Max. Marks	10
Marks Obtained	7

1. Which one of the following is a Class C IP address?

- 10.10.14.118
- 135.23.112.57
- ✓ 191.200.199.199
- 204.67.118.54

2. You are asked to evolve a TCP/IP addressing scheme for your Organization. How many network numbers (subnet number) must you allow when you design the network for your organization?

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- Use ipconfig command with /release and /renew options
- Reset switch MAC address table
- Issue a tracert command to DHCP server

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- Media Access Control, Physical Layer Control
- Logical Link Control, Media Access Control
- Data Link Control, Physical Layer Control

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B. Bridges 2. Network Layer

C. Routers 3. Physical Layer

- A --->2, B--->3, C--->1
- A--->3, B---->1, C---->2
- A--->3, B----->2, C---->1
- A---->1, B---->2, C---->3

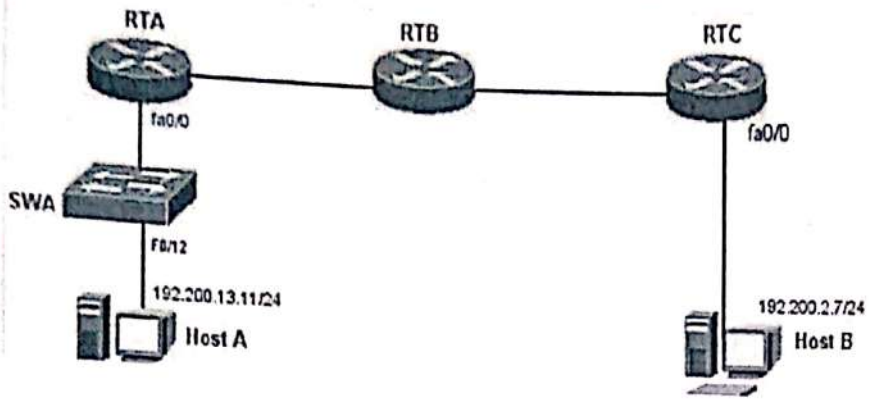
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- [ ] RTB will send a destination unreachable message to RTA
- [ ] RTC will send a destination unreachable message
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- [ ] RTC will inform Host A that Host B is unreachable

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- [ ] Switches forward packets based on Layer3 protocol.

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNP Question Paper

Name Of the Candidate: Meenu Vijayan

Dept: E.C.E

College: JCT CET

Max. Marks	10
Marks Obtained	9

1. Which one of the following is a Class C IP address?

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- A--->3, B----->2, C---->1
- A---->1, B---->2, C---->3

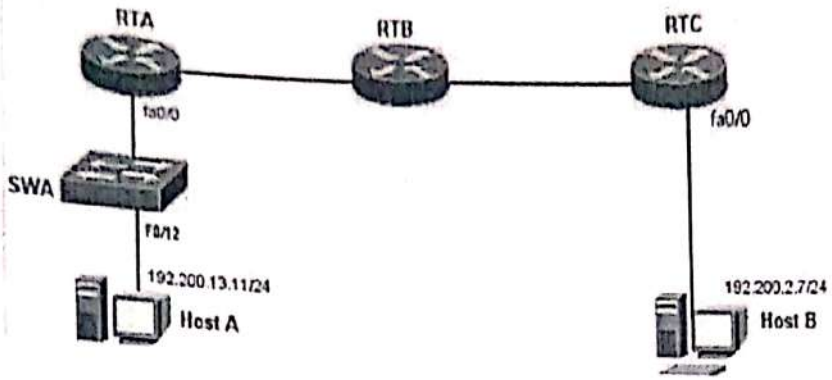
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- RTC will send a destination unreachable message
- RTC will inform RTA that Host B is unreachable
- RTC will inform Host A that Host B is unreachable

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- Switches forward packets based on MAC address.
- Switches forward packets based on IPX address.
- Switches forward packets based on Layer3 protocol.

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COIMBATORE 641 105

TÜV AUSTRIA

Department of Electronics and Communication Engineering

Student Feedback

Name of the Student: ARYA. V Sex (M/F): F

Department: ECE E-mail aryavnair96@gmail.com

Address: Kanyakumari Mobile 9385937925

Students are required to rate the courses

Name of the Trainer: Amarnath

[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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07.11.2018

From

Head of the Department,
Department of Petrochemical 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 "AUTO CAD"- Reg.

The Department of Petrochemical Engineering is planned to conduct the "AUTO CAD" course for our Petrochemical engineering students. The details about the program and the course coordinator and trainer are given below. Hence I request you to kindly provide the permission for conducting the above course successfully.

Name of the Event	Organized by	Course Trainer	Date
AUTO CAD	CADD Technologies, Auto desk, Authorized training centre	L.Prakash, M.Siranjeevi	30/11/2018 to 08/12/2018

Thanking you,

Yours truly,

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

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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12/11/2018

CIRCULAR

DEPARTMENT OF PETROCHEMICAL ENGINEERING

It is proposed to conduct a CAD/CAM/CAE Training provider by the CADD TECHNOLOGIES; they are **Autodesk and PTC - Authorized Training cum Certification Centre.** The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting and on-site CAD/CAM/CAE training. From 30/11/2018 to 08/12/2018, so interested candidates register the name to our department coordinator.

HOD/PCE

PRINCIPAL 12/11/18

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED

CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre

PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

Ref: PCE / Proposal / Engg / 54 / 2018 **Date: 05.11.2018**

To,

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

Through : Dr. R.PERUMAL, HoD – Petrochemical Engineering.

Respected Sir,

Sub: **On-Site CAD/CAM/CAE Training**

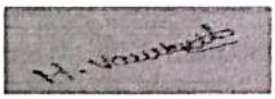
We are happy to introduce our self as a leading CAD/CAM/CAE Training provider in TamilNadu Region. We are **Autodesk and PTC - Authorized Training cum Certification Centre** in this region and we are providing CAD/CAM/CAE software training as well as industrial solutions for the last 15 years. We have trained more than 18000 students which include both in-house and onsite training at various colleges.

The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting, keeping this in mind we pioneered our self to provide on-site CAD/CAM/CAE training at University, Engineering colleges and also in industries.

We are forwarding herewith our on-site training Proposal for your kind perusal seeking an opportunity to provide value added software training to your students and guide them to build their bright future.

Thanking You

For CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED,





Varunkumar M, DGM – Operations,
Cell: + 91 98421 04219.

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Company Profile

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

With the aim and commitment of providing quality training cum Industrial and Engineering solution to the companies as well as CAD aspirants **M/s.CADD Technologies** came in to inception. We started our journey on 20th Jan 2000 and slowly but the same time steadily we commenced our business outfits across TamilNadu. We started our training division in the name of M/s.CADD Technology and elevated the same as Private Limited Company from July 2012.This is our 16th year in the CAD/CAM Training Industry and having a strong planning in expanding our legs across **South India** and **Middle East**. We are having branches at Pollachi, Salem, Thirunelveli, Madurai and Chennai as of now.

The company is established by the dynamic group of directors who are in to Academic and Research field for more than a decade with a vision of providing Industrial requirement based engineering solutions by which it will have their own presence in overall growth of the Manufacturing and Civil Industry to whom the company got tieup.

We, M/s .CADD Technologies School of Design Private Limited, is an Authorized Training cum Certification Centre of M/s. Autodesk, as well as M/s. PTC in Tamilnadu region. We are providing Training cum engineering solutions to the students as well as companies in the areas like Design Engineering, Industrial Engineering, Manufacturing Engineering, Digital Prototyping and Building Information Modeling.

We have trained more than 20,000 students so far (Both at In-house as well as On-site) and have successfully placed sizable number of candidates in various domestic and MNCs to whom we got tie-up. We also have a Technical Advisory committee, which consists of eminent personalities from the leading industries of Coimbatore as well as professors and lecturers of various colleges of Coimbatore Region who are guiding us to serve the student community in a better way.

We have got our exclusive placement division namely M/s. CT HR Consultancy and we are providing free placement assistance through this division for the students who have completed training with us.

We have been awarded the All India Best New Authorized Training Centre (ATC) for the year 2012-13 by M/s. Autodesk, USA and we were the No 1 ATC in conducting Autodesk International Certification Drive for the year 2013-14 in Tamil Nadu. Also we are one among the India's Top 10 Autodesk ATC this year. We have also awarded **South India's best ATC** for the year 2012-13, 2013-14 and 2014-15 by **PTC**.

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Advantages to College for having tie-up with ATC:-

1. **M/s. Autodesk** has entered an MOU with **AICTE** and through which All Engineering colleges comes under AICTE are eligible for getting Free Licenses of Autodesk Products up to **125 seater** from AEP Portal with the support of Technical Team from us. The free software grant is worth about **80 Lakhs** and valid for 3 years.
2. It can utilized for the University Inspection and other accreditation purposes as the License Key will be issued on the College Name only and updated to AICTE directly on successful completion of Downloading.
3. No of License can be increased based on the MOU signed with ATC as the ATC can vouch the student strength and actual requirement.
4. **M/s. Autodesk** and **M/s. PTC** are conducting several design competition to the college students in State and national level. For all such competitions they are also conducting state level workshops for a day or two at some colleges which will be attended by students across Tamil Nadu. Every year we are conducting one day work shop on Autodesk Inventor, Revit and AutoCAD software at various colleges across Tamilnadu to give awareness about the application of Software and its industrial usage along with tips to students for design competition too.
5. **Faculty Development Programs** will be conducted in your college for the staff members your college and staff members from in and around colleges of your region with the technical support from **Autodesk and PTC certified Professionals** on latest Technologies.
6. **Guest Lecture by the Corporate Officials** as well as Industry Professionals may be organized by us.
7. Joint promotional activities for improving student's knowledge in Design Field.
8. Placement Assistance through our HR Division M/s. CT HR Consultancy.
9. Can Establish Student Design Club at your college and student can post their creative at Autodesk and PTC portal. Best creative may get them a job as it has been shared to the industries by both the parent companies.

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Advantages to the students when they appear for Professional Certification:-

1. Students will be provided **Training on Latest versions** of Software.
2. Students will be provided **Official Training Courseware** of **Autodesk and PTC.**
3. **Internationally Recognized Certificate with Unique Student ID.**
4. Students Name will be displayed in **M/s. Autodesk** as well as **M/s. PTC web Portal.**
5. **Students can use M/s. Autodesk Logo** in their **Resume** which will help them at the time of Interview.
6. **Free license** to Students also.
7. **Final Year Design projects** can be availed from both Autodesk and PTC.
8. **Students can attend all free webinars** organized by them time to time.
9. Students can get an exposure of Industrial Project while providing Training.
10. Student Expert Program can also be conducted at campus every year to motivate them

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Raja I Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Petrochemical Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
  - Construction Lines
  - Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

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Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

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JCT

JCT College of Engineering and Technology
Coimbatore-105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

TÜV AUSTRIA

Course: AUTO CAD

Day	1	2	10.45-11.00	3	4	12.30-01.20	5	6	7	8
	9.10-10.00	10.00-10.45		11.00-11.45	11.45-12.30		1.20 – 2.05	2.05 – 2.50	2.50 – 3.35	3.35 – 4.40
30/11/2018	**Introduction Class, Trainer**		BREAK	L.Prakash, M.Siranjeevi		LUNCH BREAK	L.Prakash, M.Siranjeevi			
01/12/2018	L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			
03/12/2018	L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			
04/12/2018	L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			
05/12/2018	L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			
06/12/2018	L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			
07/12/2018	L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			
08/12/2018	L.Prakash, M.Siranjeevi			L.Prakash, M.Siranjeevi			**Assessment test, Feedback** L.Prakash, M.Siranjeevi			

HOD

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DEPARTMENT OF PETROCHEMICAL ENGINEERING

SI:NO	NAME	SIGNATURE OF THE STUDENTS
1.	ABDUL BASITH.M.I	
2.	ABDUL HAMEED.A	
3.	ABHIJITH P KARTHIKEYAN	
4.	AKSHAYA SUNDAR	
5.	AMAL SHINO.C	
6.	AMAN LATHEEF.K	
7.	BURHANUDHEEN	
8.	CHRIS JOY	
9.	CHRIS SHERIN.E	
10.	HARIHARA PRAMESH.M	
11.	HARISH B DEV	
12.	JEEVANANTHAN.A	
13.	JERIL JOHN.M	
14.	KARTHIKRAJ.J	
15.	MANIKANDAN.V	
16.	GEO SOUNDARIAN	
17.	JAYASURYA A.P	
18.	MANGALA PRAKASH P	
19.	MUTHU KUMAR .M	
20.	MUTHU KUMAR.S	
21.	NARESH KUMAR.S	
22.	NAVEEN RAJ.M	

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23.	NOYAL THOMAS	
24.	PONNU VAIRAM	
25.	PRANAV C.Y	
26.	PRANAV RAVI	
27.	PRAVEEN KUMAR.V	
28.	SHONE CHARLY	
29.	SHRAVANTH.K	
30.	SIDDARTH.P	
31.	SILAMBARASAN.V.S	
32.	SIVANESH.P	
33.	SIVANESH.T	
34.	TABITHA.T	
35.	TAMILVANAN.S	
36.	THOMAS KANNAMPUZHA	
37.	VASANTH.S	
38.	VASANTHAMANI.M	
39.	VIGNESH.B	
40.	VINOTH RAJ.M	
41.	PRASANNA.K	
42.	KARAN.G.R	
43.	GNANA PRAKASAM	
44.	MUHAMED FAROUQ.M	
45.	MUHAMMED SHABEER.U	
46.	MUHAMMED SHIHAS.U	

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47.	MUTHU · D	
48.	NIGAR · A.	
49.	PREETHI · R.	
50	RENJITH · P	
51.	RIZWAN	
52.	SABARI. K	
53.	SALMAN FARIS · V	
54.	SANJAY SANDEEP	
55.	SIVANESHAN · P	
56.	SOMA SUNDARAM · M	
57.	SOWMYA	
58.	SUBBURAJ · M	
59.	SUGAANUSHUYA · k.	
60.	SURIYAA · S · A ·	
61.	SYAM MADHAV P · K	
62.	MEGANATHAN · G	
63.	MOHAMED NAJIMAL KHAN	
64.	MOHAMMED FAZIL · H	
65.	MOHAMMED HISHAM.	
66.	MOHAMMED NOUHAR	
67.	MOHAMMED SHAROOQ	
68.	MOHAMMED SHERIN · K · K	
69.	VISHNU · R	
70.	YADHUKRISHNAN · S · S.	

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DEPARTMENT OF PETROCHEMICAL ENGINEERING

SI:NO	NAME	ID NO	30/11/18	1/12/18	3/12/18	4/12/18	5/12/18	6/12/18	7/12/18	8/12/18
1	ABDUL BASITH.M.I	IBD180139001	/	/	/	/	/	/	/	/
2	ABDUL HAMEED.A	IBD180139002	/	/	/	/	/	/	/	/
3	ABHIJITH P KARTHIKEYAN	IBD180139003	/	/	/	/	a	/	/	/
4	AKSHAYA SUNDAR	IBD180139004	/	/	/	/	/	/	/	/
5	AMAL SHINO.C	IBD180139005	/	/	/	/	/	/	/	/
6	AMAN LATHEEF.K	IBD180139006	/	a	/	/	/	/	/	/
7	BURHANUDHEEN	IBD180139007	/	/	/	/	/	/	/	/
8	CHRIS JOY	IBD180139008	/	/	/	/	/	a	/	/
9	CHRIS SHERIN.E	IBD180139009	/	/	/	/	/	/	/	/
10	HARIHARA PRAMESH.M	IBD180139010	/	/	/	/	/	/	/	/
11	HARISH B DEV	IBD180139011	/	/	a	/	/	/	/	/
12	JEEVANANTHAN.A	IBD180139012	/	/	/	/	/	/	/	/
13	JERIL JOHN.M	IBD180139013	/	/	/	/	/	/	/	/
14	KARTHIKRAJ.J	IBD180139014	/	/	/	/	a	/	/	/
15	MANIKANDAN U	IBD180139015	/	/	/	/	/	/	/	/
16	GEO SOUNDARIAN	IBD180139016	/	/	/	/	/	/	/	/
17	JAYASURYA A.P	IBD180139017	/	/	/	/	/	/	/	/
18	MANGALA PRAKASH P	IBD180139018	/	/	a	/	/	/	/	/
19	MUTHU KUMAR . M	IBD180139019	/	/	/	/	/	/	/	/
20	MUTHUKUMAR.S	IBD180139020	/	/	/	/	/	/	/	/
21	NARESH KUMAR.S	IBD180139021	/	/	/	/	/	a	/	/
22	NAVEEN RAJ.M	IBD180139022	/	/	/	/	/	/	/	/
23	NOYAL THOMAS	IBD180139023	/	/	/	/	/	/	/	/
24	PONNU VAIRAM	IBD180139024	/	/	/	/	a	/	/	/
25	PRANAV C.Y	IBD180139025	/	/	/	/	/	/	/	/

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26	PRANAV RAVI	IBD180139026								
27	PRAVEEN KUMAR.V	IBD180139027								
28	SHONE CHARLY	IBD180139028								
29	SHRAVANTH.K	IBD180139029								
30	SIDDARTH.P	IBD180139030								
31	SILAMBARASAN.V.S	IBD180139031								
32	SIVANESH.P	IBD180139032								
33	SIVANESH.T	IBD180139033								
34	TABITHA.T	IBD180139034								
35	TAMILVANAN.S	IBD180139035								
36	THOMAS KANNAMPUZHA	IBD180139036								
37	VASANTH.S	IBD180139037								
38	VASANTHAMANI.M	IBD180139038								
39	VIGNESH.B	IBD180139039								
40	VINOTH RAJ.M	IBD180139040								
41	PRASANNA K	IBD180139041								
42	KARAN.G.R	IBD180139042								
43	GNANA PRAKASAM	IBD180139043								
44	MUHAMED FAROUQ.M	IBD180139044								
45	MUHAMMED SHABEER.U	IBD180139045								
46	MUHAMMED SHIHAS.U	IBD180139046								
47	MUTHU.D	IBD180139047								
48	NIGAR.A	IBD180139048								
49	PREETHI.R	IBD180139049								
50	RENJITH P	IBD180139050								
51	RIZWAN	IBD180139051								
52	SABARI.K	IBD180139052								
53	SALMAN FARIS.V	IBD180139053								

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54	SANJAY SANDEEP	IBD180139054								
55	SIVANESHAN.P	IBD180139055								
56	SOMA SUNDARAM.M	IBD180139056								
57	SOWMYA	IBD180139057								
58	SUBBURAJ.M	IBD180139058								
59	SUGAANUSHUYA.K	IBD180139059								
60	SURIYAA.S.A	IBD180139060								
61	SYAM MADHAV P.K	IBD180139061								
62	MEGANATHAN.G	IBD180139062								
63	MOHAMED NAJMAL KHAN	IBD180139063								
64	MOHAMMED FAZIL.H	IBD180139064								
65	MOHAMMED HISHAM	IBD180139065								
66	MOHAMMED NOUHAR	IBD180139066								
67	MOHAMMED SHAROOQ	IBD180139067								
68	MOHAMMED SHERIN K.K	IBD180139068								
69	VISHNU.R	IBD180139069								
70	YADHUKRISHNAN.J.S	IBD180139070								

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Training Evaluation Form

Title of event: AUTO CAD

Date of event: 30/11/2018 to 8/12/2018

Location of event: JCT CBT

Trainers: Mr. P. Prakash , Mr. M. Sivanjeevi

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging	✓				
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions		✓			
6.The course length was appropriate		✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant	✓				
9.The venue was appropriate for the event		✓			

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10. What was most useful?

It is useful for construct diagram and designing of equipment.

11. What was least useful?

Basic information about course.

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

—

13. Would you recommend this course to colleagues? Yes/No Why?

Good lecturer of Autocad.

14. Any other comments?

Good.

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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Training Evaluation Form

Title of event: Autocad

Date of event: 20/11/2018 to 8/12/2018

Location of event: JCTCET

Trainers: Mr. L. Prakash & M. Sranjeevi

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met		✓			
2. The presenters were engaging	✓				
3.The presentation materials were relevant		✓			
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions		✓			
6.The course length was appropriate		✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant		✓			
9.The venue was appropriate for the event	✓				

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10. What was most useful?

for drawing purpose

11. What was least useful?

Information

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

—

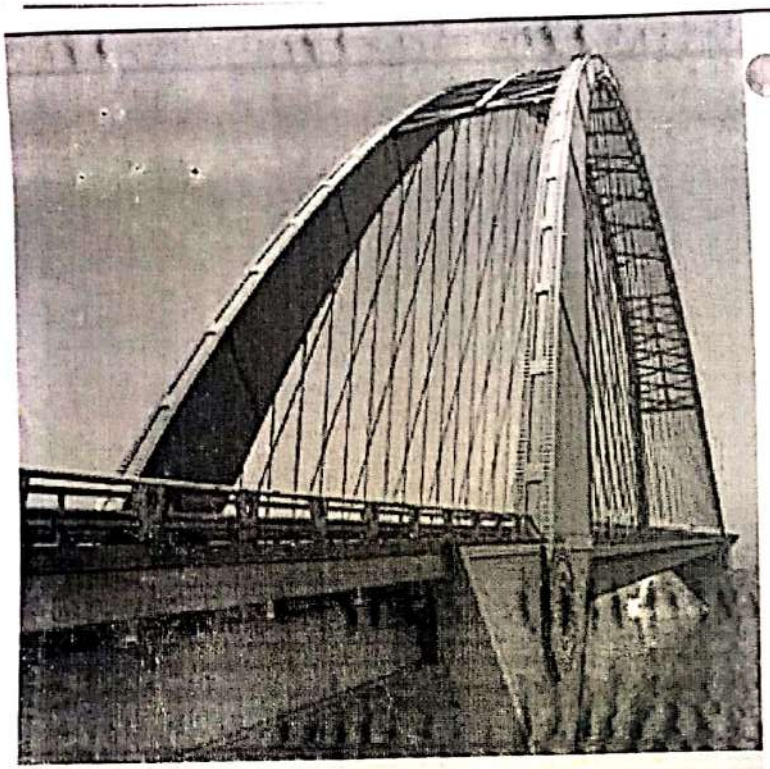
13. Would you recommend this course to colleagues? Yes/No ✓ Why?

14. Any other comments?

overall better

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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CERTIFICATE OF COMPLETION

IN : AUTOCAD

AWARDED TO : ABDUL HAMEED.A

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD180139002

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.02.2019
DATE OF ISSUE

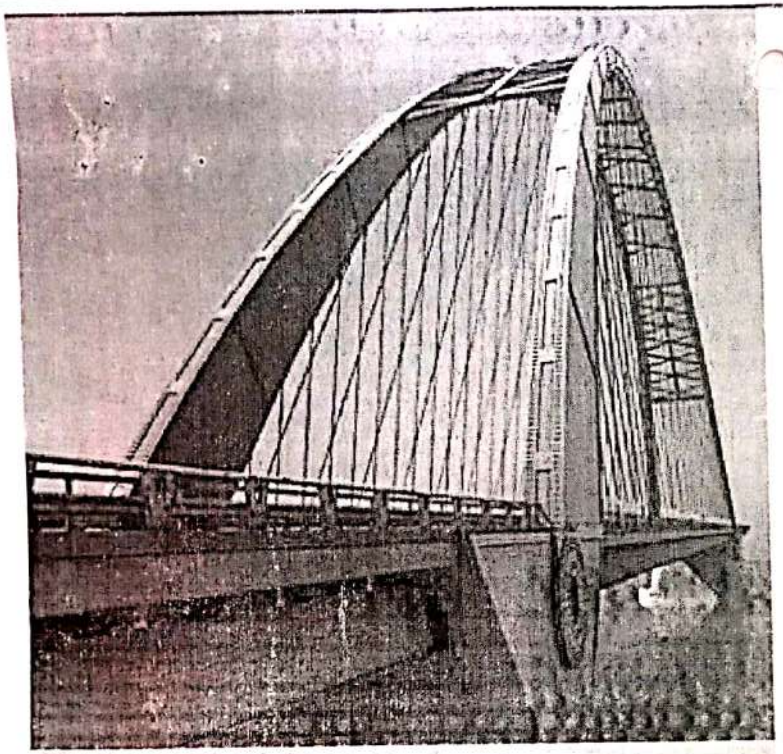
CADD CENTRE
Driving Digital Designs!

This is a computer generated Certificate. Hence signature not required

CADD Centre training is available through a wide network of training centres. The courses offered are comprehensive and of high quality. The participants are trained by well experienced instructors in the latest technology.

CADD Centre and CADD Centre logo are registered trademarks of CADD Centre Training Services Private Limited.
Corporate Office : 8th Floor, GEE GEE Crystal, Office No. 8C & 8D, #91, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004, India.
Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

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CERTIFICATE OF COMPLETION

IN : AUTOCAD

AWARDED TO : ABDUL BASITH.M.I

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD180139001

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.02.2019
DATE OF ISSUE

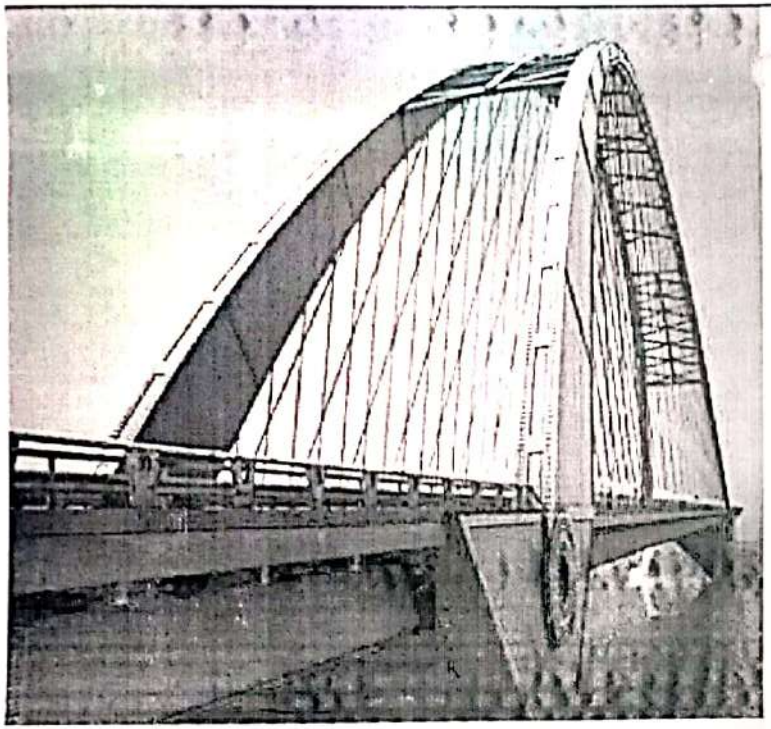
CADD CENTRE
Driving Digital Designs!

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CADD Centre training is available through a wide network of training centres. The courses offered are comprehensive and of high quality. The participants are trained by well experienced instructors in the latest technology.

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Toll Free No. 1800 425 0405 | www.caddcentreglobal.com

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CERTIFICATE OF COMPLETION

IN : AUTOCAD

AWARDED TO : AMAL SHINO.C

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD180139005

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.02.2019
DATE OF ISSUE

CADD CENTRE
Driving Digital Designs!

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CERTIFICATE OF COMPLETION

IN : AUTOCAD

AWARDED TO : ABHIJITH P KARTHIKEYAN

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD180139003

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

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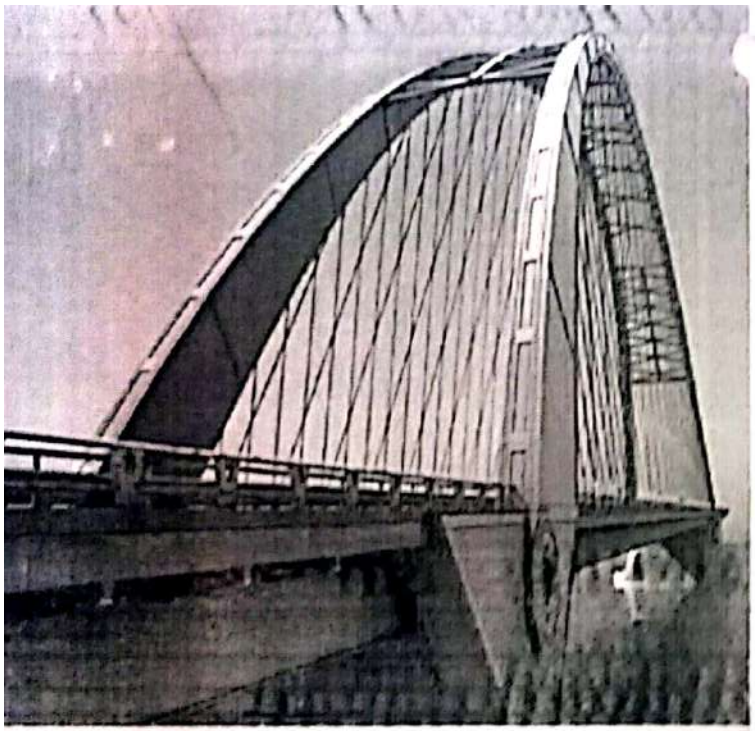
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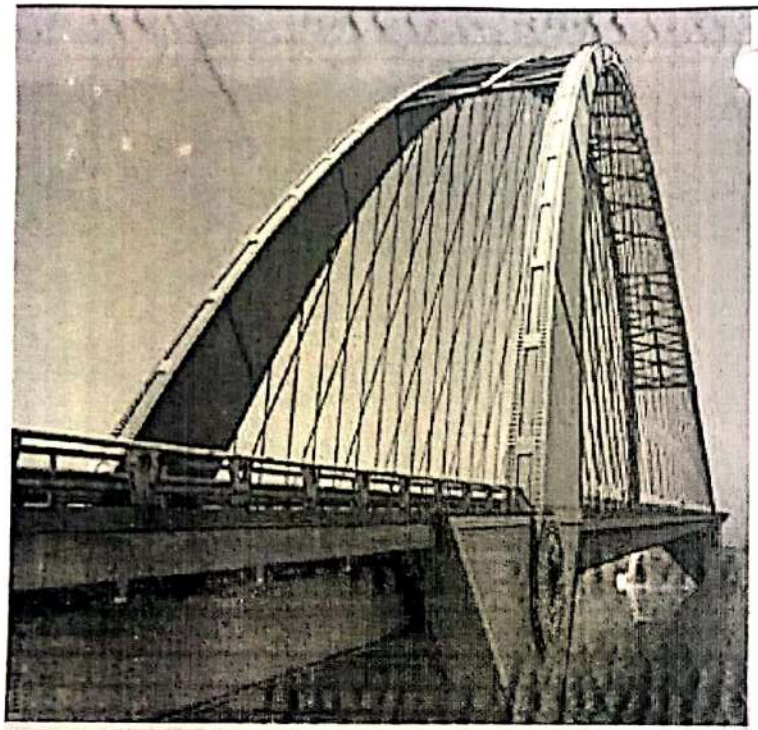
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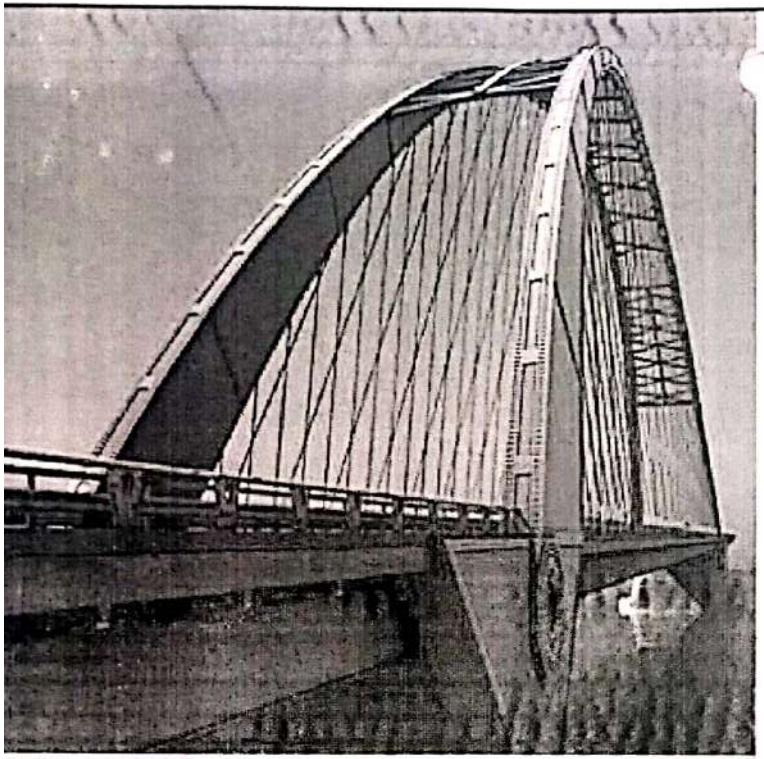
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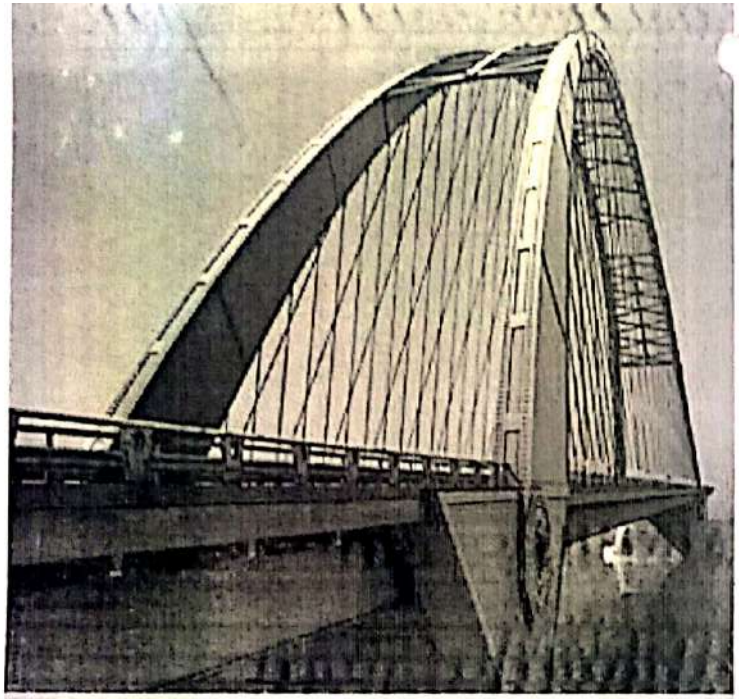
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REG No: [illegible]
NAME: [illegible]

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

18/20

1. You have just created an interesting new round object by using REVSURF to revolve a complex curve around an axis. However you find there are only 6 faces around the perimeter leaving it very rough looking. What variable do you change to correct this?
A. Set SURFTAB2 to 18 B. Set TABSURF1 to 18
C. Set SPLINESEGS to 12 (D) Set SURFTAB1 to 18.

2. The axis used to show depth in AutoCAD® is the
A. W axis. B. X axis. C. Y axis. (D) Z axis.

3. The right-hand rule is used to determine the direction of the
A. positive X axis. B. negative Y axis. (C) positive Z axis. D. negative X axis.

4. All of the axes in the 3D coordinate system meet at
A) 60° angles. (B) 90° angles. C) 120° angles. D) 135° angles.
Answer:- B

5. In AutoCAD®, all objects are drawn on the
A) YZ plane. B) XZ plane. (C) XY plane. D) ZX plane.

6. The UCS command
(A) allows you to manipulate the user coordinate system. B) controls display of the UCS icon.
C) defines the world coordinate system. D) allows you to draw in the YZ plane.

7. The World option of the UCS command
(A) returns to the world coordinate system. B) returns to the previous user coordinate system.
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A) provide access to AutoCAD®'s predefined views. B) provide access to custom views.
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10. To view a model from any position in 3D space, use the
A) VIEW command. B) 3DZOOM command. C) 3DORBIT command. D) PAN command.

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A.Monitors the changes in shape that fills B.Relates to the other hatch plan
C.Both of the above D.None of the above

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B.You should not raise the objects already exist (scale) by 5
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14. Which of the following is NOT a unit of length measurement?
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15. What does the command Wblock
A.Warp-speed block B.Write block C.Window block D.Wide-area block

16. Is 330 degrees same as -30 degrees in a drawing?
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NAME : ABDUL WAHEED.O
REG NO : 720918138002

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

18/20

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REG No: F2091513901Q .
NAME: Abhaya Sundar

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

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REG No: F2019153013
NAME: Ismail Shemsie

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
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REG No: 7007152903
NAME:

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From

Head of the Department

Department of Petrochemical Engineering,

JCT College of Engineering and Technology,

Coimbatore - 641105.

To

The Principal

JCT College of Engineering and Technology,

Coimbatore - 641105

Dear Sir,

Sub: Requesting for permission to conduct a Certification course-Reg;

We would like to bring to your kind notice that the department of Petroleum Engineering is conducting a Certification course on **"Basics in pneumatics and field instrumentation"**. We are bringing the industrial Experts from Technocrat Automation, Chennai to take classes in our Department students during 05.06.18 to 12.06.18. I request you to give permission for the above on suitable dates.

Thanking you

Yours Sincerely,

Dr.S Venkateshbabu

30.05.2018

PRINCIPAL

JCT College of Engineering and Technology

Coimbatore - 641 105

Principal

Scanned by CamScanner

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

CIRCULAR

Our Department is conducting a 1 week course on **"Basics Of Pneumatics And Field Instrumentation"** from 05.06. 2018-12.06. 2018 for IVth Year, PE students. The classes are taken by A Karthickof Technocrat Automation, Chennai. Interested students can contact your Class advisor for correspondence and more details.

Time: 9am to 4:30 pm

for SN.

HOD-PE

Circulation to:

- IVth Year, PE Class Room
- To be displayed on Notice Board.

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Technocrat Automation

We are glad to inform you that department of petroleum engineering is organizing a 1 week certification course in basics of pneumatics and field instruments. The course is conducted by Technocrat Automations, Chennai.

The training program is scheduled from 05.06.2018-12.06.2018 between 9:00 am to 5:00 pm at Tutor Hall. The registration can be done up to 1 week before commencement of class. Kindly mail the duly filled form at training331@gmail.com

Course Objective

This course is aimed at equipping an engineer with appropriate knowledge and skills required in understanding the basics of pneumatic controllers

Course Structure

SL.NO	MODULES	DURATION
01	Controllers	8 hours
02	Field Instrumentation	8 hours
03	Automation software practice	10 hours
04	Distributed Control System (DCS)	9 hours

Eligibility: B.E / B.Tech fourth year students

Duration: 1 week

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE - 641105

TIME TABLE FOR CERTIFICATION COURSE

DAY 1

10:00-12:30	WELCOME SPEECH
12:30-1:30	LUNCH BREAK
1:30-3:30	CLASSES
3:30-3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 2 TO DAY 6

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	CLASSES
3:30 – 3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 7

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	ASSESSMENT EXAM
3:30 – 3:45	TEA BREAK
3:45-4:30	CLOSING FUNCTION

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FACULTY MEMBER PROFILE
FOR THE TRAINING PROGRAMME CONDUCTED IN
BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

PERSONAL INFORMATION:

NAME: A KARTHIK

TITLE(S)/ POSITION(S): TRAINER, MARKETING EXCECUTIVE

PRIMARY DEPARTMENT/ DIVISION: AUTOMATIONS DIVISION

DEPARTMENT CHAIR: NO

GENDER: MALE ETHNICITY: KERALA

DEGREES AND OTHER CREDENTIALS:

DEGREES AWARDED:

BTECH : MODEL RESIDENTIAL POLYTECHNIC COLLEGE (CGPA 8.98)

OTHER CREDENTIALS CURRENTLY HELD OR TRAINING COMPLETED:

COMPLETED PG DIPLOMA IN PIPING & PIPELINE ENGINEERING FROM EMERALD GOLDEN AUTOMATION INDIA

COMPLETED 3 MONTHS MARINE AUTOMATION COURSE FROM EMERALD GOLDEN AUTOMATION INDIA

COMPLETED 5 MONTHS COURSE OF COMPUTER PROGGAMMING IN PYTHON FROM G TECH COMPUTER EDUCATION, PALAKKAD

EXPERIENCE: 4 YEARS

WORKED IN PIONEER COLLEGE OF ENGINEERING,KOLLAM IN CHEMICAL DEPARTMENT FOR 1 YEAR

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

NAME LIST

Academic year 2018-2019

Name of the Academy: TECHNOCRAT AUTOMATION

Name of the Program: BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

no	Student name	
1	ABHIJITH.T.O	720915219001
2	ABIJITH K.S	720915219002
3	ADITH KRISHNAN K R	720915219003
4	AKCHAY.V	720915219004
5	AKSHAYAJOTHI.C	720915219005
6	AKSHITH .N.S	720915219006
7	AMBER ALI	720915219007
8	ARAVINDAN.M	720915219009
9	ARUL.L	720915219011
10	ARUN PRAKASH.M	720915219012
11	ASHFAQ AHMED FAROOK.J	720915219013
12	BIBIN.P.B	720915219014
13	DEBIN DAVIS	720915219015
14	DHANRAJ.S	720915219016
15	FEMINA MARGRET.S	720915219018
16	FREDARIC JOY.S	720915219019
17	JAYASURYA.S	720915219020
18	JESSIN THOMAS VARGHESE	720915219021
19	KAJUN NISHAN.M	720915219023
20	KIRUBA.M	720915219024
21	KISHORE.A	720915219025
22	MIDHUN.B.KUMAR	720915219026
23	MUHAMMAD FOUSAN.M.A	720915219027
24	MYDEEN.K	720915219029
25	NAVEEN CHANDER.M	720915219030
26	NAVEEN KUMAR.B	720915219031
27	NESAMANI.M	720915219032
28	NISHANTH.G	720915219034

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COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

27	RAHMATHULLAH K	720916219031
28	RAHMATHULLAH K	720916219031
29	REYNOLD.M	720916219032
30	REYNOLD.M	720916219032
31	SANGEETHA.G	720916219033
32	SARAVANA KUMAR S	720916219034
33	SARAVANAN.P	720916219035
34	SELVA ABIMANYU.R	720916219036
35	SHUHAID.M	720916219037
36	VIJAY.V	720916219038
37	ARUN.S	720916219301
38	THISHON J	720916219302
39	THISHON J	720916219302
40	ADERSH.M A	720917219501
41	ANSIF MOHAMMED S.T	720917219502

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18-19 VFD

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: KIRUBA.M ----------Sex (M/F): F

Department: B.Tech Petroleum ---- E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: FEMINA MARGRET. S ----------Sex (M/F): F

Department: B.Tech petroleum ---------- E-mail ----------

Address. ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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		✓		
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9. Provision of sufficient time for feedback	✓			
10. Overall rating	✓			

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COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: DHANRAJ. S ---------- Sex (M/F): M

Department: B.Tech. Petroleum ---- E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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COIMBATORE 641 105

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DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: AKSHAYAJOTHI.C ----------Sex (M/F): F
Department: B.Tech. Petroleum E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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		✓		
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9. Provision of sufficient time for feedback		✓		
10. Overall rating		✓		

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COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: AKCHAY.V ----------Sex (M/F): M
Department: B.Tech_Petroleum E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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			✓	
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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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CERTIFICATE

This is to certify that Mr/Ms *ABHIJITH.T.O* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of Pneumatics and Field Instrumentation" from 05.06.2018 to 12.06.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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Technocrat Automation Solutions Pvt Ltd. (Training Division)

No 122,2nd floor,Nelsonmanikam Road,Chennai-600 02

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Technocrat Automation

CERTIFICATE

This is to certify that Mr/Ms *ABIJITH K.S* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of Pneumatics and Field Instrumentation" from 05.06.2018 to 12.06.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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Technocrat Automation

CERTIFICATE

This is to certify that Mr/Ms *ADITH KRISHNAN K R* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of Pneumatics and Field Instrumentation" from 05.06.2018 to 12.06.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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CERTIFICATE

This is to certify that Mr/Ms *ARUN PRAKASH.M* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of Pneumatics and Field Instrumentation" from 05.06.2018 to 12.06.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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ISO 9001:2008

Technocrat Automation

CERTIFICATE

This is to certify that Mr/Ms ***ASHFAQ AHMED FAROOK.J*** of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of Pneumatics and Field Instrumentation" from 05.06.2018 to 12.06.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Automobile Engineering

Report of Certification Programme - Basics of Pneumatics and Field Instrumentation

The Department of Petroleum Engineering organized a certification course on Basics of VFD and MMI, from 05.06.2018 to 12.06.2018. The resource person for this program was **Mr.A.Karthikeyan**, Senior Trainer, Technocrat Automation ,Chennai. The program started with the prayer song. The welcome address was given by Mr.Venkateshbabu, Head of the Department, Department of Petroleum Engineering. The Felicitation address was given by Dr.G Ramesh, Principal of JCT College of Engineering and Technology, Coimbatore. The Introduction about the Chief Guest was given by Mr. Arul, 4th year Petroleum Engineering. The chief guest first gave an introduction on pneumatics and modern instruments. He then explained about the step by step instrument designing procedure.

He said about the usage of modern tools controllers. He talked about the job opportunities related to production contol.

The atmosphere of the Vocational Educational Program was very interesting. We learned a lot from the 1 week Program and were satisfied with the answers from the trainer. Mr. Bibin.P.B, 4th year Petroleum Engineering concluded with a vote of thanks.

HOD/PE

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CERTIFICATION COURSE EXAMINATION

BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

8

CONDUCTED BY Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: -12.06. 2018

TOTAL MARKS: 20

NAME OF STUDENT: Abhijith. T.D

A mercury thermometer can not be used to measure the temperature below the freezing point of mercury, which is _____ °C.

A. -38.9

B. -11.9

C. -60.9

D. -80.9

_____ controller has the maximum stabilising time.

A. P

B. PD

C. PI

D. PID

Out of the following temperature measuring instruments, the measurement accuracy will be minimum for the

A. mercury in glass thermometer.

B. optical pyrometer.

C. iron-constantan thermocouple.

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Peelamedu, Coimbatore-641 004

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D. alcohol filled thermometer.

Stalagmometer is used for the measurement of

A. kinematic viscosity

B. surface tension

C. refractive index

D. optical activity

The deflection in diaphragm (which is used as pressure sensor in pneumatic and electronic instruments) is dependent on the metal thickness, its diameter (d) and shape & number of corrugations. Its deflection is proportional to

A. d

B. d2

C. d3

D. d4

Which of the following filled system expansion thermometer has the capability to measure the lowest temperature ?

A. Mercury in glass thermometer

B. Mercury in steel thermometer

C. Alcohol in glass thermometer

D. Fused metal (Na or K) in steel thermometer

Concentration of sugar solution can be determined by the

A. polarimetry

B. flame photometry

C. emission spectroscopy

D. oscillometry

In a single tank system, the transfer function of _____ to inlet flow rate is $1/TS+1$.

A. outlet flow rate

B. level

C. both (a) & (b)

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D. neither (a) nor (b)

Which of the following can not measure a temperature of 1600°C ?

A. Platinum resistance thermometer

B. Thermocouple

C. Photo-electric pyrometer

D. Radiation pyrometer

The temperature range for which copper resistance thermometer can be used is _____ °C

A. 0 to 150

B. -200 to 150

C. 350 to 750

D. 500 to 900

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

B. oxides of nitrogen

C. carbon dioxide

D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

A. 20

B. -20

C. 10

D. -10

For increased speed of response of an expansion pressure spring thermometer, the thermometer bulb should have a

A. large area but small mass.

B. high thermal conductivity,

C. small specific heat.

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D. all'a', 'b' & 'c'.

Pressure of 0.0001 absolute psi can be measured by _____ gauge.

A. Mcloid

B. Pirani

C. thermocouple

D. none of these

Change of angle of refraction with composition comprises the working principle of a

A. polarimeter

B. polarograph

C. spectrometer

D. refractrometer

Which of the following instruments is not used for measuring sub-zero (<0°) temperatures ?

A. Platinum resistance thermometer

B. Mercury in glass thermometer

C. Vapor pressure thermometer

D. Radiation pyrometer

Which of the following is not suitable for measuring the temperature of a red hot object in the range of 800 - 1600°C ?

A. Optical pyrometer

B. Radiation pyrometer

C. Photoelectric pyrometer

D. Thermocouples

Flame photometry is used for the determination of compositional analysis of

A. solids

B. alkali metals

C. natural gas

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D. isotopes

For increased speed of response of an expansion pressure spring thermometer, the thermometer bulb should have a

A. large area but small mass.

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D. all'a', 'b' & 'c'.

The calibration data of a thermocouple with its cold junction at 0°C are given below.

Hot junction temperature (°C)	0	20	40	60	80	100
Thermo emf (mv)	0.00	0.80	1.61	2.43	3.26	4.10

The hot junction of the thermocouple is placed in a bath at 80°C, while its cold junction is at 20°C. What is the emf of thermocouple ?

A. 3.26 mv

B. 0.80 mv

C. 2.46 mv

D. 2.43 mv

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18

CERTIFICATION COURSE EXAMINATION

BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

CONDUCTED BY Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: -12.06. 2018

TOTAL MARKS: 20

NAME OF STUDENT: Kajun Nishan

A mercury thermometer can not be used to measure the temperature below the freezing point of mercury, which is _____ °C.

A. -38.9

B. -11.9

C. -60.9

D. -80.9

_____ controller has the maximum stabilising time.

A. P

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C. iron-constantan thermocouple.

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P...ur, Co...

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D. alcohol filled thermometer.

Stalagmometer is used for the measurement of

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B. surface tension

C. refractive index

D. optical activity

The deflection in diaphragm (which is used as pressure sensor in pneumatic and electronic instruments) is dependent on the metal thickness, its diameter (d) and shape & number of corrugations. Its deflection is proportional to

A. d

B. d2

C. d3

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A. outlet flow rate

B. level

C. both (a) & (b)

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D. neither (a) nor (b)

Which of the following can not measure a temperature of 1600°C ?

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D. Radiation pyrometer

The temperature range for which copper resistance thermometer can be used is _____ °C

A. 0 to 150

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C. 350 to 750

D. 500 to 900

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

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D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

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For increased speed of response of an expansion pressure spring thermometer, the thermometer bulb should have a

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Pichanur, Coimbatore-641105

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D. all'a', 'b' & 'c'.

Pressure of 0.0001 absolute psi can be measured by _____ gauge.

A. Meloid

B. Pirani

C. thermocouple

D. none of these

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Pichanur, Coimbatore-641 105

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8

CERTIFICATION COURSE EXAMINATION

BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

CONDUCTED BY Technocrat Automation

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NAME OF STUDENT: Kishore · A

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C. both (a) & (b)

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B. Radiation pyrometer

C. Photoelectric pyrometer

D. Thermocouples

Flame photometry is used for the determination of compositional analysis of

A. solids

B. alkali metals

C. natural gas

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D. isotopes

For increased speed of response of an expansion pressure spring thermometer, the thermometer bulb should have a

A. large area but small mass.

B. high thermal conductivity.

C. small specific heat.

D. all'a'. 'b' & 'c'.

The calibration data of a thermocouple with its cold junction at 0°C are given below.

Hot junction temperature (°C)	0	20	40	60	80	100
Thermo emf (mv)	0.00	0.80	1.61	2.43	3.26	4.10

The hot junction of the thermocouple is placed in a bath at 80°C, while its cold junction is at 20°C. What is the emf of thermocouple ?

A. 3.26 mv

B. 0.80 mv

C. 2.46 mv

D. 2.43 mv

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20

CERTIFICATION COURSE EXAMINATION

BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

CONDUCTED BY Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: -12.06. 2018

TOTAL MARKS: 20

NAME OF STUDENT: Sathish kumar . S

A mercury thermometer can not be used to measure the temperature below the freezing point of mercury, which is _____ °C.

A. -38.9

B. -11.9

C. -60.9

D. -80.9

_____ controller has the maximum stabilising time.

A. P

B. PD

C. PI

D. PID

Out of the following temperature measuring instruments, the measurement accuracy will be minimum for the

A. mercury in glass thermometer.

B. optical pyrometer.

C. iron-constantan thermocouple.

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D. alcohol filled thermometer.

Stalagmometer is used for the measurement of

A. kinematic viscosity

B. surface tension

C. refractive index

D. optical activity

The deflection in diaphragm (which is used as pressure sensor in pneumatic and electronic instruments) is dependent on the metal thickness, its diameter (d) and shape & number of corrugations. Its deflection is proportional to

A. d

B. d2

C. d3

D. d4

Which of the following filled system expansion thermometer has the capability to measure the lowest temperature ?

A. Mercury in glass thermometer

B. Mercury in steel thermometer

C. Alcohol in glass thermometer

D. Fused metal (Na or K) in steel thermometer

Concentration of sugar solution can be determined by the

A. polarimetry

B. flame photometry

C. emission spectroscopy

D. oscillometry

In a single tank system, the transfer function of _____ to inlet flow rate is $1/TS+1$.

A. outlet flow rate

B. level

C. both (a) & (b)

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D. neither (a) nor (b)

Which of the following can not measure a temperature of 1600°C ?

A. Platinum resistance thermometer

B. Thermocouple

C. Photo-electric pyrometer

D. Radiation pyrometer

The temperature range for which copper resistance thermometer can be used is _____ °C

A. 0 to 150

B. -200 to 150

C. 350 to 750

D. 500 to 900

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

B. oxides of nitrogen

C. carbon dioxide

D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

A. 20

B. -20

C. 10

D. -10

For increased speed of response of an expansion pressure spring thermometer, the thermometer bulb should have a

A. large area but small mass.

B. high thermal conductivity.

C. small specific heat.

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D. all'a', 'b' & 'c'.

Pressure of 0.0001 absolute psi can be measured by _____ gauge.

A. Mcloid

B. Pirani

C. thermocouple

D. none of these

Change of angle of refraction with composition comprises the working principle of a

A. polarimeter

B. polarograph

C. spectrometer

D. refractrometer

Which of the following instruments is not used for measuring sub-zero (<0°) temperatures ?

A. Platinum resistance thermometer

B. Mercury in glass thermometer

C. Vapor pressure thermometer

D. Radiation pyrometer

Which of the following is not suitable for measuring the temperature of a red hot object in the range of 800 - 1600°C ?

A. Optical pyrometer

B. Radiation pyrometer

C. Photoelectric pyrometer

D. Thermocouples

Flame photometry is used for the determination of compositional analysis of

A. solids

B. alkali metals

C. natural gas

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D. isotopes

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CERTIFICATION COURSE EXAMINATION

200

BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

CONDUCTED BY Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: -12.06. 2018

TOTAL MARKS: 20

NAME OF STUDENT: Mr Shameer S

A mercury thermometer can not be used to measure the temperature below the freezing point of mercury, which is _____ °C.

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Peelamedu, Coimbatore-641 004

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Which of the following can not measure a temperature of 1600°C ?

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D. Radiation pyrometer

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DEPARTMENT OF PETROLEUM ENGINEERING

Academic year 2018-2019

Name of the Academy: TECHNOCRAT AUTOMATION

Name of the Program: BASICS OF PNEUMATICS AND FIELD INSTRUMENTATION

MARKS OBTAINED

	NAME	MARKS OBTAINED OUT OF 100
	ABHIJITH.T.O	40
	ABIJITH K.S	50
	ADITH KRISHNAN K R	60
	AKCHAY.V	80
	AKSHAYAJOTHI.C	90
	AKSHITH .N.S	70
	AMBER ALI	80
	ARAVINDAN.M	90
	ARUL.L	60
	ARUN PRAKASH.M	50
	ASHFAQ AHMED FAROOK.J	40
	BIBIN.P.B	70
	DEBIN DAVIS	80
	DHANRAJ.S	90
	FEMINA MARGRET.S	50
	FREDARIC JOY.S	40
	JAYASURYA.S	60
	JESSIN THOMAS VARGHESE	80
	KAJUN NISHAN.M	90
	KIRUBA.M	70
	KISHORE.A	40
	MIDHUN.B.KUMAR	70
	MUHAMMAD FOUSAN.M.A	40
	MYDEEN.K	70
	NAVEEN CHANDER.M	40
	NAVEEN	70

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DEPARTMENT OF PETROLEUM ENGINEERING

	KUMAR.B	
	NESAMANI.M	50
	NISHANTH.G	60
	PARTHIPAN.A.P	50
	PETHU RAJ.B	60
	PREMANAND.S	50
	PRISTIN FRANCIS.T	60
	RAM KUMAR.S	50
	RAMAN.B	80
	RATHNA KUMAR.P	90
	ROHIT MARK.N	40
	SAJIN JOSE	50
	SARAN KUMAR.K.M	70
	SARATH .A	80
	SARATH VIJAYAN	90
	SATHISH KUMAR.S	100
	SHAMAS.S	100
	SHAMEER.S	100
	SHEIK AHAMED TAJUDEEN.S	50

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JCT
College of Engineering and Technology

07.05.2018
Pichanur

From

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

To

Technocrat Automation Solutions Pvt Ltd. (Training Division)
No: 122,2nd floor,
Nelsonmanikam Road,
Chennai-600 029

Dear Sir,

Sub: Requesting for Allocating a Certification 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 Petroleum Engineering is in need of a Certification course Trainer Expert from your company in Field instruments and pneumatics. The Trainer will be handling classes for the IVth year PE Students in the month of August for 7 days. Sir I request you to give permission for the above at the earliest and also suitable dates.

Thanking you
Yours Sincerely,

Dr. Venkatesh Babu

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Technocrat Automation Solutions Pvt Ltd. (Training Division)

No: 122,2nd floor, Nelsonmanikam Road, Chennai-600 029

Technocrat Automation

To

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

Dear Sir,

Sub: Allocation of Trainer to your Institution -Reg;

Greetings from Technocrat Automation Private Limited.

Here by We Accept Your Request with Reference to your letter, a trainer will be allocated for the dates from 05.06.2018 to 12.06.2018.

Thanking you,

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JCT

From

Head of the Department

Department of Petrochemical Engineering,

JCT College of Engineering and Technology,

Coimbatore - 641105.

To

The Principal

JCT College of Engineering and Technology,

Coimbatore - 641105.

Dear Sir,

Sub: Requesting for permission to conduct a Certification course-Reg;

We would like to bring to your kind notice that the department of Petroleum Engineering is conducting a Certification course on **"Basics of VFD and MMI"**. We are bringing the industrial Experts from Technocrat Automation, Chennai to take classes in our Department students during 30.08.18 to 06.08.18. I request you to give permission for the above on suitable dates.

Thanking you

Yours Sincerely,

Dr.. Venkatesh Babu

30.06.2018

Principal

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JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

CIRCULAR

Our Department is conducting a 1 week course on **"Basics Of VFD And MMI"** from 30.08.2018-06.08.2018 for IVth Year, PE students. The classes are taken by A Karthickof Technocrat Automation , Chennai. Interested students can contact your Class advisor for correspondence and more details.

Time: 9am to 4:30 pm

For SV.

HOD-PE

Circulation to:

- IVth Year, PE Class Room
- To be displayed on Notice Board.

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Technocrat Automation

ISO 9001:2008

International Accreditation Organization
Prime Accreditation Certificate

Time table

Course name: Basics Of VFD And MMI.

DAY	MODULES
Day 1	Industrial Applications
Day 1	Basics Of VFD
Day 1	Basics Of MMI
Day 2	Basics Of MMI
Day 2	Basics Of MMI
Day 3	Software workshop
Day 3	Software workshop

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FACULTY MEMBER PROFILE
FOR THE TRAINING PROGRAMME CONDUCTED IN
Basics Of VFD And MMI

PERSONAL INFORMATION:

NAME: A KARTHIK

TITLE(S)/ POSITION(S): TRAINER, MARKETING EXCECUTIVE

PRIMARY DEPARTMENT/ DIVISION: AUTOMATIONS DIVISION

DEPARTMENT CHAIR: NO

GENDER: MALE ETHNICITY: KERALA

DEGREES AND OTHER CREDENTIALS:

DEGREES AWARDED:

BTECH : MODEL RESIDENTIAL POLYTECHNIC COLLEGE (CGPA 8.98)

OTHER CREDENTIALS CURRENTLY HELD OR TRAINING COMPLETED:

COMPLETED PG DIPLOMA IN PIPING & PIPELINE ENGINEERING FROM EMERALD GOLDEN AUTOMATION INDIA

COMPLETED 3 MONTHS MARINE AUTOMATION COURSE FROM EMERALD GOLDEN AUTOMATION INDIA

COMPLETED 5 MONTHS COURSE OF COMPUTER PROGGAMMING IN PYTHON FROM G TECH COMPUTER EDUCATION, PALAKKAD

EXPERIENCE: 4 YEARS

WORKED IN PIONEER COLLEGE OF ENGINEERING,KOLLAM IN CHEMICAL DEPARTMENT FOR 1 YEAR

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PICHANUR, COIMBATORE - 641105

TIME TABLE FOR CERTIFICATION COURSE

DAY 1

10:00-12:30	WELCOME SPEECH
12:30-1:30	LUNCH BREAK
1:30-3:30	CLASSES
3:30-3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 2 TO DAY 6

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	CLASSES
3:30 – 3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 7

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	ASSESSMENT EXAM
3:30 – 3:45	TEA BREAK
3:45-4:30	CLOSING FUNCTION

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DEPARTMENT OF PETROLEUM ENGINEERING

ATTENDANCE SHEET FOR VALUE ADDED COURSE

Academic year 2018-2019

Name of the Academy: TECHNOCRAT AUTOMATION

Name of the Program: BASICS OF VFD AND MMI

no	Student name	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Marks
1	ABHIJITH.T.O	✓	✓	✓	AB	✓	✓	✓	60
2	ABIJITH K.S	✓	✓	✓	AB	✓	✓	✓	40
3	ADITH KRISHNAN K R	✓	✓	AB	AB	✓	✓	✓	80
4	AKCHAY.V	✓	✓	✓	✓	✓	✓	✓	80
5	AKSHAYAJOTHI.C	✓	✓	✓	✓	✓	✓	✓	80
6	AKSHITH .N.S	✓	✓	✓	✓	✓	✓	✓	70
7	AMBER ALI	✓	✓	✓	✓	✓	✓	✓	80
8	ARAVINDAN.M	✓	✓	✓	✓	✓	✓	✓	70
9	ARUL L	✓	✓	✓	✓	✓	✓	✓	80
10	ARUN PRAKASH.M	✓	✓	✓	✓	✓	✓	✓	70
11	ASHFAQ AHMED FAROOK.J	✓	✓	✓	✓	✓	✓	✓	60
12	BIBIN.P.B	✓	✓	✓	✓	✓	✓	✓	60
13	DEBIN DAVIS	✓	✓	✓	✓	✓	✓	✓	60
14	DHANRAJ.S	✓	✓	✓	✓	✓	✓	✓	60
15	FEMINA MARGRET.S	✓	✓	✓	✓	✓	✓	✓	60
16	FREDARIC JOY.S	✓	✓	✓	✓	✓	✓	✓	100
17	JAYASURYA.S	✓	✓	✓	✓	✓	✓	✓	100
18	JESSIN THOMAS VARGHESE	✓	✓	✓	✓	✓	✓	✓	60
19	KAJUN NISHAN.M	✓	✓	✓	✓	✓	✓	✓	60
20	KIRUBA.M	✓	✓	✓	✓	✓	✓	✓	80
21	KISHORE.A	✓	✓	✓	✓	✓	✓	✓	80
22	MIDHUN.B.KUMAR	✓	✓	✓	✓	✓	✓	✓	80
23	MUHAMMAD FOUSAN.M.A	✓	✓	✓	AB	✓	✓	✓	80
24	MYDEEN.K	✓	✓	✓	✓	✓	✓	✓	80
25	NAVEEN CHANDER.M	✓	✓	✓	✓	✓	✓	✓	60
26	NAVEEN KUMAR.B	✓	✓	✓	✓	✓	✓	✓	60

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DEPARTMENT OF PETROLEUM ENGINEERING

27	NESAMANI.M	✓	✓	✓	✓	✓	✓	✓	40
28	NISHANTH G	✓	✓	✓	✓	✓	✓	✓	60
29	PARTHIPAN.A.P	✓	✓	✓	✓	✓	✓	✓	40
30	PETHU RAJ.B	✓	✓	✓	✓	✓	✓	✓	70
31	PREMANAND.S	✓	✓	✓	✓	✓	✓	✓	100
32	PRISTIN FRANCIS.T	✓	✓	✓	✓	AB	✓	✓	70
33	RAM KUMAR S	✓	✓	✓	✓	✓	✓	✓	80
34	RAMAN.B	AB	✓	✓	✓	✓	✓	✓	100
35	RATHNA KUMAR.P	✓	✓	✓	AB	✓	✓	✓	90
36	ROHIT MARK.N	✓	✓	✓	AB	✓	✓	✓	60
37	SAJIN JOSE	✓	✓	✓	✓	✓	✓	✓	50
38	SARAN KUMAR K.M	✓	✓	✓	✓	✓	✓	✓	80
39	SARATH .A	✓	✓	✓	✓	✓	✓	✓	80
40	SARATH VIJAYAN	✓	✓	✓	✓	✓	AB	✓	90
41	SATHISH KUMAR.S	✓	✓	✓	✓	✓	✓	✓	60
42	SHAMAS.S	✓	✓	✓	✓	✓	✓	✓	100
43	SHAMEER.S	✓	✓	✓	✓	✓	✓	✓	180
44	SHEIK AHAMED TAJUDEEN.S	✓	✓	✓	✓	✓	✓	✓	80
45	SHEIK MOHAMED FAZIL.M	✓	✓	✓	✓	✓	✓	✓	60
46	SIDHARTH M GOPI	✓	✓	✓	✓	AB	✓	✓	70
47	SRUTHI.V	✓	✓	✓	✓	✓	✓	✓	60
48	SUJITH.S	✓	✓	✓	✓	✓	✓	✓	60
49	SUNDARAPANDIYAN.S	✓	✓	✓	✓	✓	✓	✓	70
50	SURENDAR.K	✓	✓	✓	✓	✓	✓	✓	100
51	SURIYA.S	✓	✓	✓	✓	✓	✓	✓	90
52	THAJUDEEN.S	✓	✓	✓	✓	✓	✓	✓	80
53	VENKADASALAPATHI.V	✓	✓	✓	✓	✓	✓	✓	60
54	VIKRAM.V	✓	✓	✓	✓	✓	✓	✓	80
55	VINOTH KUMAR.T	✓	✓	✓	✓	✓	✓	✓	70
56	YOGESHWARAN.B	✓	AB	✓	✓	✓	✓	✓	40
57	LESJIN JOE MATHEW.M	AB	✓	✓	✓	✓	✓	✓	60
58	ANSIF MOHAMMED S.T	✓	✓	✓	✓	✓	✓	✓	80

HOD
Department of Petroleum Engineering

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Department of Automobile Engineering

TU AUSTRIA

Report of Certification Programme - Basics of VFD and MMI

The Department of Petroleum Engineering organized a certification course on Basics of VFD and MMI, from 30.08.2018 to 06.08.2018. The resource person for this program was **Mr.A.Karthikeyan**, Senior Trainer, Technocrat Automation, Chennai. The program started with the prayer song. The welcome address was given by Mr.Venkateshbabu, Head of the Department, Department of Petroleum Engineering. The Felicitation address was given by Dr.G Ramesh, Principal of JCT College of Engineering and Technology, Coimbatore. The Introduction about the Chief Guest was given by Mr.Bibin.P.B, 4th year Petroleum Engineering. The chief guest first gave an introduction on process control and modern softwares. He then explained about the step by step software programing procedure.

He said about the usage of modern tools and programming implementation in softwares. He talked about the job opportunities related to automation field.

The atmosphere of the Vocational Educational Program was very interesting. We learned a lot from the 1 week Program and were satisfied with the answers from the trainer. Mr. Arul. L, 4th year Petroleum Engineering concluded with a vote of thanks.

HOD/PE

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ASCB(E) Accrediting Certifying Bodies

ISO 9001:2008

Technocrat Automation

IAO

CERTIFICATE

This is to certify that Mr/Ms *ARAVINDAN.M* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of VFD and MMI" from 30.08.2018 to 06.08.2018 organized by Technocrat Automation Solutions Pvt Ltd.

Technocrat Automation Solutions Pvt Ltd.

Technocrat Automation Solutions Pvt Ltd. (Training Division)

No 122,2nd floor,Nelsonmanikam Road,Chennai-600 02

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Technocrat Automation

CERTIFICATE

This is to certify that Mr/Ms *ARUL.L* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of VFD and MMI" from 30.08.2018 to 06.08.2018 organized by Technocrat Automation Solutions Pvt Ltd.

PRINCIPAL
JCT College of Engineering and Technology
Pichanur, Coimbatore-641105

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Technocrat Automation Solutions Pvt Ltd. (Training Division)
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CERTIFICATE

This is to certify that Mr/Ms *ADITH KRISHNAN K R* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of VFD and MMI" from 30.08.2018 to 06.08.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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Technocrat Automation Solutions Pvt Ltd. (Training Division)
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CERTIFICATE

This is to certify that Mr/Ms *ABIJITH K.S* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of VFD and MMI" from 30.08.2018 to 06.08.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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CERTIFICATE

This is to certify that Mr/Ms *ABHIJITH.T.O* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Basics of VFD and MMI" from 30.08.2018 to 06.08.2018 organized by Technocrat Automation Solutions Pvt Ltd.

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JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: KIRUBA ---------- Sex (M/F): F

Department: Petroleum Engineering E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: Technocrat Automation

[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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COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Arul . S Sex (M/F): M

Department: Petroleum Engineering E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: Technocrat Automation.

[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	✓			
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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)			✓	
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9. Provision of sufficient time for feedback	✓			
10. Overall rating		✓		

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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: KISHORE . A ---------- Sex (M/F): M

Department: Petroleum Engineering E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: TECHNOCRAT AUTOMATION

[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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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Mydeen K ---------- Sex (M/F): M

Department: Petroleum Engg. ---------- E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: Technocrat Automation ----------

[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	✓			
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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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COIMBATORE 641 105

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DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: BIBIN P.B Sex (M/F): M

Department: Petroleum Engineering E-mail

Address: mobile ..

Students are required to rate the courses

Name of the Trainer: TECHNOCRAT AUTOMATION

[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		✓		
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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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(14)

CERTIFICATION COURSE EXAMINATION

Basics Of VFD And MMI

CONDUCTED BY: Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: 06.08.2018

TOTAL MARKS: 20

NAME OF STUDENT: Arun Prakash

Which of the following is an undesirable dynamic characteristic of an instrument ?

A. Reproducibility ✓

B. Dead zone

C. Time lag

D. Static error

Which of the following is not the triple point of water ?

A. 32°R

B. 273°K ✓

C. 492°R

D. 32°F ✓

Pick out the one which is a first order instrument.

A. Mercury in glass thermometer (without any covering or air gap).

B. Bare metallic thermometer.

C. Bare vapor pressure thermometer.

D. All (a), (b) and (c).

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Thermistor, which has high temperature co-efficient of resistivity, is used as the sensing element in resistance thermometer. It is a/an

A. insulator

B. conductor

C. solid semi-conductor

D. liquid semi-conductor

Flapper nozzle is used in a/an _____ controller.

A. electronic

B. hydraulic

C. pneumatic

D. none of these

Typical specifications for design stipulates the gain margin and phase margin to be respectively

A. >1.7 and > 30°

B. < 1.7 and > 30°

C. < 1.7 and < 30°

D. > 1.7 and < 30°

Working principle of radiation pyrometer is based on the

A. Wien's law

B. Kirchoff's law

C. Stafan-Boltzmann's

D. Seebeck effect

Which of the following relates the emf. generated in a single homogeneous wire to the temperature difference ?

A. Peltier effect

B. Thomson effect

C. Seebeck effect

D. none of these

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Dilute wine was used as a thermometric liquid initially to develop temperature scale. First emperical ten erature scale developed was the _____ scale.

A. Kelvin

B. Centigrade

C. Fahrenheit ✓

D. Reaumer

In a single tank system, the transfer function of level to inlet flow rate is

A. R/TS

B. $R/(TS+1)$

C. $1/(TS+1)$

D. $1/TS$ ✓

A non-linear chemical system is exemplified by a/an

A. isothermal CSTR

B. mixer

C. non-isothermal CSTR ✓

D. none of these

The transfer function for an ideal proportional plus reset controller (reset time T) is

A. $K_c\left(1+\frac{1}{TS}\right)$ ✓

B. $Kc(1+TS)$

C. $\frac{K_c}{1+TS}$

D. $\frac{K_c}{1+\frac{S}{T}}$

Gas chromatography is used for the measurement of

A. temperature

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B. pressure

C. concentration

D. flow rate

Which of the following thermocouples can measure the maximum temperature ?

A. Platinum-rhodium

B. Tungsten-molybdenum

C. Chromel-alumel

D. Iron-constantan

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

B. oxides of nitrogen

C. carbon dioxide

D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

A. 20

B. -20

C. 10

D. -10

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CERTIFICATION COURSE EXAMINATION

Basics Of VFD And MMI

12

CONDUCTED BY: Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: 06.08.2018

TOTAL MARKS: 20

NAME OF STUDENT: Abhijith

Which of the following is an undesirable dynamic characteristic of an instrument ?

A. Reproducibility

B. Dead zone

C. Time lag

D. Static error

Which of the following is not the triple point of water ?

A. 32°R

B. 273°K

C. 492°R

D. 32°F

Pick out the one which is a first order instrument.

A. Mercury in glass thermometer (without any covering or air gap).

B. Bare metallic thermometer.

C. Bare vapor pressure thermometer.

D. All (a), (b) and (c).

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Thermistor, which has high temperature co-efficient of resistivity, is used as the sensing element in resistance thermometer. It is a/an

A. insulator

B. conductor

C. solid semi-conductor

D. liquid semi-conductor

Flapper nozzle is used in a/an _____ controller.

A. electronic

B. hydraulic

C. pneumatic

D. none of these

Typical specifications for design stipulates the gain margin and phase margin to be respectively

A. >1.7 and > 30°

B. < 1.7 and > 30°

C. < 1.7 and < 30°

D. > 1.7 and < 30°

Working principle of radiation pyrometer is based on the

A. Wien's law

B. Kirchoffs law

C. Stefan-Boltzmann law

D. Seebeck effect

Which of the following relates the emf. generated in a single homogeneous wire to the temperature difference ?

A. Peltier effect

B. Thomson effect

C. Seebeck effect

D. none of these

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Dilute wine was used as a thermometric liquid initially to develop temperature scale. First emperical ten erature scale developed was the _____ scale.

A. Kelvin

B. Centigrade

C. Fahrenheit ✓

D. Reaumer

In a single tank system, the transfer function of level to inlet flow rate is

A. R/TS

B. $R/(TS+1)$

C. $1/(TS+1)$

D. $1/TS$ ✓

A non-linear chemical system is exemplified by a/an

A. isothermal CSTR

B. mixer

C. non-isothermal CSTR ✓

D. none of these

The transfer function for an ideal proportional plus reset controller (reset time T) is

A. $K_c\left(1+\frac{1}{TS}\right)$ ✓

B. $Kc(1+TS)$

C. $\frac{K_c}{1+TS}$

D. $\frac{K_c}{1+\frac{S}{T}}$

Gas chromatography is used for the measurement of

A. temperature

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B. pressure

C. concentration

D. flow rate

Which of the following thermocouples can measure the maximum temperature ?

A. Platinum-rhodium

B. Tungsten-molybdenum

C. Chromel-alumel

D. Iron-constantan

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

B. oxides of nitrogen

C. carbon dioxide

D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

A. 20

B. -20

C. 10

D. -10

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16

CERTIFICATION COURSE EXAMINATION

Basics Of VFD And MMI

CONDUCTED BY: Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: 06.08.2018

TOTAL MARKS: 20

NAME OF STUDENT:

Which of the following is an undesirable dynamic characteristic of an instrument ?

A. Reproducibility

B. Dead zone

C. Time lag

D. Static error

Which of the following is not the triple point of water ?

A. 32°R

B. 273°K

C. 492°R

D. 32°F

Pick out the one which is a first order instrument.

A. Mercury in glass thermometer (without any covering or air gap).

B. Bare metallic thermometer.

C. Bare vapor pressure thermometer.

D. All (a), (b) and (c).

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Thermistor, which has high temperature co-efficient of resistivity, is used as the sensing element in resistance thermometer. It is a/an

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C. solid semi-conductor

D. liquid semi-conductor

Flapper nozzle is used in a/an _____ controller.

A. electronic

B. hydraulic

C. pneumatic

D. none of these

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Working principle of radiation pyrometer is based on the

A. Wien's law

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Which of the following relates the emf. generated in a single homogeneous wire to the temperature difference ?

A. Peltier effect

B. Thomson effect

C. Seebeck effect

D. none of these

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Dilute wine was used as a thermometric liquid initially to develop temperature scale. First emperical temperature scale developed was the _____ scale.

A. Kelvin

B. Centigrade

C. Fahrenheit

D. Reaumer

In a single tank system, the transfer function of level to inlet flow rate is

A. R/TS

B. $R/(TS + 1)$

C. $1/(TS + 1)$

D. $1/TS$

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A. isothermal CSTR

B. mixer

C. non-isothermal CSTR

D. none of these

The transfer function for an ideal proportional plus reset controller (reset time T) is

A. $K_c\left(1 + \frac{1}{TS}\right)$

B. $Kc(1 + TS)$

C. $\frac{K_c}{1 + TS}$

D. $\frac{K_c}{1 + \frac{S}{T}}$

Gas chromatography is used for the measurement of

A. temperature

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B. pressure

C. concentration

D. flow rate

Which of the following thermocouples can measure the maximum temperature ?

A. Platinum-rhodium

B. Tungsten-molybdenum

C. Chromel-alumel

D. Iron-constantan

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

B. oxides of nitrogen

C. carbon dioxide

D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

A. 20

B. -20

C. 10

D. -10

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CERTIFICATION COURSE EXAMINATION

Basics Of VFD And MMI

CONDUCTED BY: Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: 06.08.2018

TOTAL MARKS: 20

NAME OF STUDENT: Jayasurya S.

Which of the following is an undesirable dynamic characteristic of an instrument ?

A. Reproducibility

B. Dead zone

C. Time lag

D. Static error

Which of the following is not the triple point of water ?

A. 32°R

B. 273°K

C. 492°R

D. 32°F

Pick out the one which is a first order instrument.

A. Mercury in glass thermometer (without any covering or air gap).

B. Bare metallic thermometer.

C. Bare vapor pressure thermometer.

D. All (a), (b) and (c).

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Thermistor, which has high temperature co-efficient of resistivity, is used as the sensing element in resistance thermometer. It is a/an

A. insulator

B. conductor

C. solid semi-conductor

D. liquid semi-conductor

Flapper nozzle is used in a/an _____ controller.

A. electronic

B. hydraulic

C. pneumatic

D. none of these

Typical specifications for design stipulates the gain margin and phase margin to be respectively

A. >1.7 and > 30°

B. < 1.7 and > 30°

C. < 1.7 and < 30°

D. > 1.7 and < 30°

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A. Wien's law

B. Kirchoffs law

C. Stafan-Boltzmanlaw

D. Seebeck effect

Which of the following relates the emf. generated in a single homogeneous wire to the temperature difference ?

A. Peltier effect

B. Thomson effect

C. Seebeck effect

D. none of these

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Dilute wine was used as a thermometric liquid initially to develop temperature scale. First emperical ten erature scale developed was the _____ scale.

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D. flow rate

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20

CERTIFICATION COURSE EXAMINATION

Basics Of VFD And MMI

CONDUCTED BY: Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: 06.08.2018

TOTAL MARKS: 20

NAME OF STUDENT: Raman. B

Which of the following is an undesirable dynamic characteristic of an instrument ?

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B. Dead zone

C. Time lag

D. Static error

Which of the following is not the triple point of water ?

A. 32°R

B. 273°K

C. 492°R

D. 32°F

Pick out the one which is a first order instrument.

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D. Seebeck effect

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C. Seebeck effect

D. none of these

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B. $R/(TS+1)$

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B. mixer

C. non-isothermal CSTR

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B. $Kc(1+TS)$

C. $\frac{K_c}{1+TS}$

D. $\frac{K_c}{1+\frac{S}{T}}$

Gas chromatography is used for the measurement of

A. temperature

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B. pressure

C. concentration

D. flow rate

Which of the following thermocouples can measure the maximum temperature ?

A. Platinum-rhodium

B. Tungsten-molybdenum

C. Chromel-alumel

D. Iron-constantan

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

B. oxides of nitrogen

C. carbon dioxide

D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

A. 20

B. -20

C. 10

D. -10

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2018-

College of Engineering and Technology

15.06.2018

Pichanur

From

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

To

Technocrat Automation Solutions Pvt Ltd. (Training Division)
No: 122,2nd floor,
Nelsonmanikam Road,
Chennai-600 029

Dear Sir,

Sub: Requesting for Allocating a Certification 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 Petroleum Engineering is in need of a Certification course Trainer Expert from your company in Basisc of VFD and MME. The Trainer will be handling classes for the IVth year PE Students in the month of July for 7 days. Sir I request you to give permission for the above at the earliest and also suitable dates.

Thanking you
Yours Sincerely,

Dr.S. Venkatesa Prabhu

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Technocrat Automation Solutions Pvt Ltd. (Training Division)

No. 122,2nd floor, Nelsonmanikam Road, Chennai-600 029

Technocrat Automation

To

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

Dear Sir,

Sub: Allocation of Trainer to your Institution –Reg;

Greetings from Technocrat Automation Private Limited.

Here by We Accept Your Request with Reference to your letter ,a trainer will be allocated for the dates from 30.07.2018 to 06.08.2018.

Thanking you,

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE COURSE ON"INTERNET OF THINGS"

(ACADEMIC YEAR 2018-2019)

STUDENT NAME :
DATE :

S.NO	Objective type Questions(30 MARKS)
1.	The number of elements in the Open IoT Architecture? a) 6 elements b) 8 elements **c) 7 elements**d) 3 elements
2.	Global Sensor Network is built for _____ **a)** Reducing cost and time for development b) Reducing cost and increasing time for development c) Increasing cost and increasing time for development d) Increasing cost and decreasing time for development
3.	The huge number of devices connected to the Internet of Things has to communicate automatically, not via humans. What is this called? a) Skynet b) Bot 2 Bot **c)** Machine 2 Machine d) Intercloud
4.	Internet of Things needs a lot of network connection. What is the proposed "white Space" radio standard called? a) Bluetooth b) WiMax **c)** Weightless d) Zigbee
5.	What is the sensor/protocol used in GSN? a) HTTP protocol **b**) CoAP protocol c) MQTT protocol d) XMPP protocol
6.	Which is the core wrapper of GSN? a) Serial b) UDP c) GPSTest **d)** ZeroMQWrapper
7.	_____ are the inter connectors. a) Web b) Internet c) Network **d)** APIs
8.	IoT solutions are at the heart of IDC's view of the _____ a) Three b) Two c) One **d)** Four
9.	Without _____ computers embedded in house keys are worthless. a) Data b) Services **c)** Both Data and Services d) Neither data nor services
10.	_____ is uniquely identifiable e embedded computing devices. a) Internet **b)** IoT c) Bigdata d) Cloud
11.	API enables services portability between _____ **a)** Systems b) Devices c) Networks d) Services
12.	How many types of arduinos do we have? a) 5 b) 6 **c)** 8 d) 6
13.	What is the microcontroller used in Arduino UNO? **a)** ATmega328p b) ATmega2560 c) ATmega32114 d) AT91SAM3x8E
14.	What do we use to connect TV to RPi? a) Male HDMI b) Female HDMI **c)** Male HDMI and Adapter d) Female HDMI and Adapter
15.	How power supply is done to RPi? **a)** USB connection b) Internal battery c) Charger d) Adapter

HOD/EEE

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"INTERNET OF THINGS "SYLLABUS:

STUDENTS LEARNING OUTCOMES:

1. On successful completion of the course, the student will: Understand the concepts of Internet of Things
2. Analyze basic protocols in wireless sensor networkDesign IoT applications in different domain and be able to analyze their performanceImplement basic IoT applications on embedded platform

Detailed Syllabus:

Sr. No	Topic
1	**Introduction to IoT** Defining IoT, Characteristics of IoT, Physical design of IoT, Logical design of IoT, Functional blocks of IoT, Communication models & APIs
2	**IoT & M2M** Machine to Machine, Difference between IoT and M2M, Software define Network
3	**Network & Communication aspects** Wireless medium access issues, MAC protocol survey, Survey routing protocols, Sensor deployment & Node discovery, Data aggregation & dissemination
4	**Challenges in IoT** Design challenges, Development challenges, Security challenges, Other challenges
5	**Domain specific applications of IoT** Home automation, Industry applications, Surveillance applications, Other IoT applications
6	**Developing IoTs** Introduction to Python, Introduction to different IoT tools, Developing applications through IoT tools, Developing sensor based application through embedded system platform, Implementing IoT concepts with python

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This is to certify that
ANJANA SREE.K.R
has successfully completed training program on **Internet of Things(IOT)**

held from 10-06-2019 to 18-06-2019 at" **JCT College of Engineering &Technology,** Coimbatore", organized by **Department of Electrical and Electronics Engineering** and conducted by **Prolific Systems and Technologies Pvt.Ltd, Coimbatore.**

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE COURSE ON"INTERNET OF THINGS"

(ACADEMIC YEAR 2018-2019)

STUDENT NAME : AKHIL. V.
DATE : 18/6/19.

30/30

S.NO	Objective type Questions(30 MARKS)
1.	The number of elements in the Open IoT Architecture? a) 6 elements b) 8 elements (c) 7 elementsd) 3 elements
2.	Global Sensor Network is built for _____ a) Reducing cost and time for development b) Reducing cost and increasing time for development c) Increasing cost and increasing time for development d) Increasing cost and decreasing time for development
3.	The huge number of devices connected to the Internet of Things has to communicate automatically, not via humans. What is this called? a) Skynet b) Bot 2 Bot (c) Machine 2 Machine d) Intercloud
4.	Internet of Things needs a lot of network connection. What is the proposed "white Space" radio standard called? a) Bluetooth b) WiMax (c) Weightless d) Zigbee
5.	What is the sensor/protocol used in GSN? a) HTTP protocol (b) CoAP protocol c) MQTT protocol d) XMPP protocol
6.	Which is the core wrapper of GSN? a).Serial b) UDP c) GPSTest (d) ZeroMQWrapper
7.	_____ are the inter connectors. a) Web b) Internet c) Network (d) APIs
8.	IoT solutions are at the heart of IDC's view of the _____ a) Three b) Two c) One (d) Four
9.	Without _____ computers embedded in house keys are worthless. a) Data b) Services (c) Both Data and Services d) Neither data nor services
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11.	API enables services portability between _____ (a) Systems b) Devices c) Networks d) Services
12.	How many types of arduinos do we have? a) 5 b) 6 (c) 8 d) 6
13.	What is the microcontroller used in Arduino UNO? a) ATmega328p b) ATmega2560 c) ATmega32114 d) AT91SAM3x8E
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15.	How power supply is done to RPi? (a) USB connection b) Internal battery c) Charger d) Adapter

STUDENTS SIGN

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PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE COURSE ON"INTERNET OF THINGS"

(ACADEMIC YEAR 2018-2019)

STUDENT NAME : NISHA. V.
DATE : 18-6-19.

28/30

S.NO	Objective type Questions(30 MARKS)
1.	The number of elements in the Open IoT Architecture? a) 6 elements b) 8 elements c) 7 elementsd) 3 elements
2.	Global Sensor Network is built for _____ a) Reducing cost and time for development b) Reducing cost and increasing time for development c) Increasing cost and increasing time for development d) Increasing cost and decreasing time for development
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15.	How power supply is done to RPi? a) USB connection b) Internal battery c) Charger d) Adapter

STUDENTS SIGN

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TÜV AUSTRIA

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

Date: 05-06-2019

Dear Students,

It is here by informed that the department of EEE is organizing eight days certification course on **"Internet of Things"** from 10-06-2019 to 18-06-2019 in the **Automation lab.** The chief guest Mr.K.Sasikumar &Mr.Dhanush, Prolific Systems Pvt.Ltd, Coimbatore will grant the course. All the students are instructed to attend and get benefited.

To be read in:-

1) II Year EEE
2) III Year EEE

HoD/EEE

Copy to:

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

Course on **"Internet of Things"** from 10-06-2019 to 18-06-2019

Student Name List & Attendance

S.NO	REG NUMBER	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4
1.	720917105002	AKHIL V	✓	✓	✓	✓
2.	720917105003	ANJANA SREE.K.R	✓	✓	✓	✓
3.	720917105007	FASEELA C M	✓	✓	✓	✓
4.	720917105008	N.GUNASANTHRU	✓	✓	✓	✓
5.	720917105009	HAFSAL M V	✓	✓	✓	✓
6.	720917105011	KRISHNA DEVI N	✓	✓	✓	✓
7.	720917105014	MOHANAPRIYA.K	✓	✓	✓	✓
8.	720917105016	RAJESH.D	✓	✓	✓	✓
9.	720917105017	RAMESH.P	✓	✓	✓	✓
10.	720917105024	SEEDEVI.P	✓	✓	✓	✓
11.	720917105031	NISHA V	✓	✓	✓	✓
12.	720916105001	ABDUL BASTH.V.M	✓	✓	✓	✓
13.	720916105003	ABIJITH.A	✓	✓	✓	✓
14.	720916105004	ABIRAM.P	✓	✓	✓	✓
15.	720916105005	AKASH.P	✓	✓	✓	✓
16.	720916105006	AKHILESH.C	✓	✓	✓	✓
17.	720916105007	ALEX K JIJU	✓	✓	✓	a
18.	720916105008	ANANTHI.T	✓	✓	✓	✓
19.	720916105010	ANITHA.C	✓	✓	✓	✓
20.	720916105011	ATHIRA.K	✓	✓	✓	✓
21.	720916105012	DHARANI.K	✓	✓	✓	✓
22.	720916105018	KAVIDASS.K	✓	✓	✓	✓
23.	720916105019	KIRAN MOHAN	✓	✓	✓	✓
24.	720916105020	MADHU.P	✓	✓	✓	✓
25.	720916105021	MIDHILA.R	✓	✓	✓	✓
26.	720916105022	MOHAN PRASATH.K	✓	✓	✓	✓
27.	720916105028	NIMCY RANI.S	✓	✓	✓	✓
28.	720916105029	NITHEESHVI.S	✓	✓	✓	✓
29.	720916105030	RAHUL ROY	✓	✓	✓	✓
30.	720916105032	RANJITHA.M	✓	✓	✓	✓
31.	720916105033	SADIQ.M	✓	✓	✓	✓
32.	720916105035	SHABIRMON.K.M	✓	✓	✓	✓
33.	720916105037	SIJO.P.J	✓	✓	a	✓
34.	720916105038	SIVASHANKAR.C	✓	✓	✓	✓
35.	720916105039	SRENI.M.S	✓	✓	✓	✓
36.	720916105041	SUMITHRA K	✓	✓	✓	✓
37.	720916105043	VALLARASU.P	✓	✓	✓	✓
TOTAL PRESENT						
TOTAL ABSENT						

S.NO	REG NUMBER	NAME OF THE STUDENT	Day 5	Day 6	Day 7	Day 8
1.	720917105002	AKHIL V	✓	✓	✓	✓
2.	720917105003	ANJANA SREE.K.R	✓	✓	✓	✓
3.	720917105007	FASEELA C M	✓	✓	✓	✓
4.	720917105008	N.GUNASANTHRU	a	✓	✓	✓
5.	720917105009	HAFSAL M V	✓	✓	✓	✓
6.	720917105011	KRISHNA DEVI N	✓	✓	✓	✓
7.	720917105014	MOHANAPRIYA.K	✓	✓	✓	✓
8.	720917105016	RAJESH.D	✓	✓	✓	✓
9.	720917105017	RAMESH.P	✓	✓	✓	✓
10.	720917105024	SEEDEVI.P	✓	✓	✓	✓
11.	720917105031	NISHA V	✓	✓	✓	✓
12.	720916105001	ABDUL BASTH.V.M	✓	✓	✓	✓
13.	720916105003	ABIJITH.A	✓	✓	✓	✓
14.	720916105004	ABIRAM.P	✓	✓	✓	✓
15.	720916105005	AKASH.P	✓	✓	✓	✓
16.	720916105006	AKHILESH.C	✓	✓	✓	✓
17.	720916105007	ALEX K JIJU	✓	✓	✓	✓
18.	720916105008	ANANTHI.T	✓	✓	✓	✓
19.	720916105010	ANITHA.C	✓	✓	✓	✓
20.	720916105011	ATHIRA.K	✓	✓	✓	✓
21.	720916105012	DHARANI.K	✓	✓	✓	✓
22.	720916105018	KAVIDASS.K	✓	✓	✓	✓
23.	720916105019	KIRAN MOHAN	✓	✓	✓	✓
24.	720916105020	MADHU.P	✓	✓	a	✓
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28.	720916105029	NITHEESHVI.S	✓	✓	✓	✓
29.	720916105030	RAHUL ROY	✓	✓	✓	✓
30.	720916105032	RANJITHA.M	✓	✓	✓	✓
31.	720916105033	SADIQ.M	✓	✓	✓	✓
32.	720916105035	SHABIRMON.K.M	✓	✓	✓	✓
33.	720916105037	SIJO.P.J	✓	✓	✓	✓
34.	720916105038	SIVASHANKAR.C	✓	✓	✓	✓
35.	720916105039	SRENI.M.S	✓	✓	✓	✓
36.	720916105041	SUMITHRA K	✓	✓	✓	✓
37.	720916105043	VALLARASU.P	✓	✓	✓	✓

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TÜV AUSTRIA

Certification course on **"Internet of Things"** from 10-06-2019 to 18-06-2019

COURSE CONTENT

1. Introduction to Internet of Things
2. Setting up Raspberry Pi and Sensors (Sense HAT Board)
3. Creating Solutions with Raspberry Pi and Sense HAT Board
4. IoT Communication Protocols
5. IoT with Microsoft Azure
6. Implementing IoT with Azure
7. Remote Monitoring
8. Edge Computing and Analytics
9. Raspberry Pi as a BLE Device Presence Detector
10. Raspberry Pi as Portable Twitter Bot

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Electrical and Electronics Engineering and conducted by **Prolific Systems and Technologies Pvt.Ltd, Coimbatore.**

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE COURSE FEEDBACK FORM

Resource Person Name	:	NISHA. V
Topic Name	:	Internet of Things
Name of the Industry/Training Institute	:	Prolific Systems and Technologies Pvt. Ltd.
Date	:	18 - 06 - 2019

1.Did you find the course useful?

- ✓ Very Useful
- o Useful

2. Actively involve the students into discussion of problems. Ask questions from the students.

- ✓ Little
- o No

3.Did you find the Activity useful?

- ✓ Very much
- o Not that much
- o Not at all

4.If you have to rate the faculty on a scale of 10, what rating you would like to give?

- o 10
- ✓ 9
- o 8
- o Below 8

5. Knowledge about Concern Topic

- o Excellent
- ✓ Very good
- o Good

Nisha. V.

Signature of the Student

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE COURSE FEEDBACK FORM

Resource Person Name	:	KIRAN MOHAN
Topic Name	:	Internet of Things
Name of the Industry/Training Institute	:	Prolific Systems and Technologies Pvt. Ltd
Date	:	18 - 06 - 2019

1.Did you find the course useful?

- ✓ Very Useful
- o Useful

2. Actively involve the students into discussion of problems. Ask questions from the students.

- ✓ Little
- o No

3.Did you find the Activity useful?

- ✓ Very much
- o Not that much
- o Not at all

4.If you have to rate the faculty on a scale of 10, what rating you would like to give?

- o 10
- ✓ 9
- o 8
- o Below 8

5. Knowledge about Concern Topic

- ✓ Excellent
- o Very good
- o Good

Kiranmohan

Signature of the Student

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Course on Internet of Things

Resource Person Details

Name of the Resource Person	Mr.K.Sasikumar
Designation	Certified Instructor
Nationality	Indian
Experience & About	4 Years
Company Name & Address	Prolific Systems Pvt.Ltd 3/84, New Scheme Road, Ist Floor, P.N.Palayam, Coimbatore - 641037, Tamil Nadu
Telephone No.	0422 2244417, 0422 2244427, 7598244427, 9840809018
Fax No.	0422 2244417, 0422 2244427, 7598244427,
E-mail Id.	coimbatore@prolifictraining.com
Other details if any	To provide state-of-the–art industrial automation solutions for the manufacturing industry and to provide **advanced training** to working professionals and fresh engineers / ITI / Technicians • company, IAO Certified and NSDC Approved Training Company • 2,500 Sq Ft, 6 fully equipped Labs, 15+ latest PLCs, DCS, Electrical Labs, Embedded Systems Labs, Hi Tech Plant for Practicing.
Website	http://www.prolifictraining.com/network.html

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Resource Person Details

Name of the Resource Person	**MR.DHANUSH**
Designation	Certified Instructor
Nationality	Indian
Experience & About	3 Years
Company Name & Address	Prolific Systems Pvt.Ltd 3/84, New Scheme Road, Ist Floor, P.N.Palayam, Coimbatore - 641037, Tamil Nadu
Telephone No.	0422 2244417, 0422 2244427, 7598244427, 9840809018
Fax No.	0422 2244417, 0422 2244427, 7598244427,
E-mail Id.	coimbatore@prolifictraining.com
Other details if any	To provide state-of-the–art industrial automation solutions for the manufacturing industry and to provide **advanced training** to working professionals and fresh engineers / ITI / Technicians • company, IAO Certified and NSDC Approved Training Company • 2,500 Sq Ft, 6 fully equipped Labs, 15+ latest PLCs, DCS, Electrical Labs, Embedded Systems Labs, Hi Tech Plant for Practicing.
Website	http://www.prolifictraining.com/network.html

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MR.DHANUSH

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This is to certify that
KRISHNA DEVI .N
has successfully completed training program on **Internet of Things(IOT)**

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

Course on **"Internet of Things"** from 10-06-2019 to 18-06-2019

Mark statement

S.NO	REG NUMBER	NAME OF THE STUDENT	Marks
1.	720917105002	AKHIL V	30
2.	720917105003	ANJANA SREE.K.R	28
3.	720917105007	FASEELA C M	26
4.	720917105008	N.GUNASANTHRU	30
5.	720917105009	HAFSAL M V	30
6.	720917105011	KRISHNA DEVI N	28
7.	720917105014	MOHANAPRIYA.K	28
8.	720917105016	RAJESH.D	28
9.	720917105017	RAMESH.P	28
10.	720917105024	SEEDEVI.P	24
11.	720917105031	NISHA V	28
12.	720916105001	ABDUL BASTH.V.M	30
13.	720916105003	ABIJITH.A	30
14.	720916105004	ABIRAM.P	28
15.	720916105005	AKASH.P	26
16.	720916105006	AKHILESH.C	22
17.	720916105007	ALEX K JIJU	24
18.	720916105008	ANANTHI.T	26
19.	720916105010	ANITHA.C	28
20.	720916105011	ATHIRA.K	30
21.	720916105012	DHARANI.K	30
22.	720916105018	KAVIDASS.K	30
23.	720916105019	KIRAN MOHAN	30
24.	720916105020	MADHU.P	30
25.	720916105021	MIDHILA.R	30
26.	720916105022	MOHAN PRASATH.K	28
27.	720916105028	NIMCY RANI.S	26
28.	720916105029	NITHEESHVI.S	26
29.	720916105030	RAHUL ROY	26
30.	720916105032	RANJITHA.M	26
31.	720916105033	SADIQ.M	28
32.	720916105035	SHABIRMON.K.M	30
33.	720916105037	SIJO.P.J	30
34.	720916105038	SIVASHANKAR.C	30
35.	720916105039	SRENI.M.S	30
36.	720916105041	SUMITHRA K	22
37.	720916105043	VALLARASU.P	24

HOD/EEE

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE COURSE ON"INTERNET OF THINGS"

CERTIFICATE COURSE TIME TABLE (ACADEMIC YEAR 2018-2019)

DATE	Morning Session (9-10-12.30 PM)		After Noon Session (1.30 TO 4.30 PM)
10-06-19	INAUGURATION		Introduction to IoT
11-06-19	IoT & M2M		Communication models & APIs
12-06-19	Network & Communication aspects		Machine to Machine, Difference between IoT and M2M, Software define Network
13-06-19	Challenges in IoT	**LUNCH (12.30PM TO 1.30 PM)**	Wireless medium access issues, MAC protocol survey, Survey routing protocols,
14-06-19	Sensor deployment & Node discovery, Data aggregation & dissemination		Design challenges, Development challenges, Security challenges, Other challenges
15-06-19	Domain specific applications of IoT		Home automation, Industry applications, Surveillance applications, Other IoT applications
17-06-19	Developing IoTs		Developing sensor based application through embedded system platform, I
18-06-19	Implementing IoT concepts with python		Valedictory function

Resource Person name: Mr.K.Sasikumar, Certified Instructor Prolific Systems Pvt.Ltd,,Coimbatore

HOD/EEE

PRINCIPAL

1. Curricular Aspects (100)				
1.1 Curriculum planning and implementation (20)				
1.1.2 Number of certificate/diploma program introduced during last five years (5)				
	2017-2018			
Sl.NO	Name of the Certificate/ diploma introduced in last 5 years	Introduced in Curriculum and year	Offered for students of Program	Signature of HoD
1	CAD/CAM	2017-2018	AUTOMOBILE ENGINEERING	
2	UNIGRAPHICS			
3	AUTO CADD	2017-2018	CIVIL ENGINEERING	
4	STADD PRO			
5	AUTO CAD	2017-2018	PETROCHEMICAL ENGINEERING	

Principal

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

JCT College of Engineering and Technology

Pitchanur
05.06.2017

To Whomsoever it may concern

We have planned to conduct the following Certificate courses in this academic year 2017-18 for various branches of our institution. **Herewith we are declaring that the below claimed certificate program is not in the main regular curriculum.**

Department	Name of the Certificate
Automobile Engineering	CAD/CAM
Automobile Engineering	UNIGRAPHICS
Petrochemical Engineering	AUTO CAD
Civil Engineering	STADD PRO
Civil Engineering	AUTO CADD

Principal

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Pichanur, Coimbatore - 641105

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105

Department of Automobile Engineering

TÜV AUSTRIA

10.04.2017

From

The Head of the Department
Department of Automobile Engineering,
JCT College of Engineering and Technology,
Coimbatore.

To

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

Respected Sir,

Subject: Requisition for your kind approval to conduct a course on **"CAD/CAM"** at our campus-Reg.

The Department of Automobile Engineering has planned to conduct a course on **"CAD/CAM"** for the II and III Year automobile Students. The details about the program are given for your perusal and approval.

S.NO.	Name of the Event	Company name	Organized by	Date
1	certificate course	Hellan Automation Solutions Pvt Ltd. Coimbatore	Department of Automobile Engineering	24.04.2017 to 02.05.2017

Thanking you

HoD/AUTO

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

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PICHANUR, COIMBATORE-641105

TÜV

Department of Automobile Engineering

CERTIFICATE COURSE ON CAD/CAM

TIME TABLE

DATE	TIMING	TOPIC
24-04-2017 Monday	10.00 am to 5 pm	Engineering drawing, Structural design
25-04-2017 Tuesday	10.00 am to 5 pm	Material properties for design, Finite element theory
26-04-2017 Wednesday	10.00 am to 5 pm	Manufacturing process, Design fundamentals
27-04-2017 Thursday	10.00 am to 5 pm	Basic solid modelling, Jig-Fixture design, Computer aided drafting using AUTO CAD
28-04-2017 Friday	10.00 am to 5 pm	3D Modelling using solid edge, Computer aided manufacturing
01-05-2017 Monday	10.00 am to 5 pm	Finite element analysis using ANSYS
02-05-2017 Tuesday	10.00 am to 5 pm	practice class

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

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

REGISTERED STUDENTS NAME LIST

Name of the Program: CAD/CAM

S.NO	NAME OF THE STUDENT	REMARKS
1	ALBERT ANTO	
2	ANTONY VIJAY.A	
3	ANTO TENSON	
4	ARUN KRISHNA.M.K	
5	ASHIK	
6	BINU BRISTON.J.C	
7	BONEYNATH.A	
8	HILLER.M	
9	JAYA GANESH.N	
10	JISHNU.K.K	
11	JOSE JOHN	
12	MOHAMED ASHIQ	
13	MOHAMMED THANZEER.K.A	
14	MOHAMMED ASFAR.K	
15	NAGA PRAVEEN.V	
16	NAVEEN KUMAR.S	
17	PRANAV.P	
18	PRINCE PAUL	
19	RAHUL.P.S	
20	ROHITH KUMAR V.M	
21	VISHNU VIJAYAN	
22	VIVEK THOMAS	

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COIMBATORE 641 105

Department of Automobile Engineering

23	ABDUL SALAM	
24	AJMAL	
25	AKHIL	
26	AMITH SAINATH	
27	ASHIK	
28	DINESH KUMAR	
29	LOKESHWARAN	
30	MARIMUTHU	
31	XAVIOR RAJKUMAR	
32	AJITHKUMAR	
33	NAUSHEER	

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
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COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

STUDENTS NAME LIST

Name of the Program: **CAD/CAM**

S.NO	NAME OF THE STUDENT	REMARKS
1	AJAYGHOSH.K.M	
2	AJITH.R	
3	ALAN T RAJU	
4	ANAND.M	
5	ANIS MOHAMMED A	
6	ANURAG BALAGOPAL	
7	ARAVINTHA SAMY.S	
8	ARIVAZHAGAN.K	
9	ARUNMANI.R	
10	BALA MANIKANDAN.R	
11	GOKUL.K	
12	GOKUL.M.S	
13	JIJO RAM.V.S	
14	MOHAMMED NAFIH ROSHAN	
15	MOHAMMED NOUFAL	
16	MUHAMMED YAZER.T.P	
17	NANDU KRISHNAN	
18	PRITHIVRAJ.S	
19	RAHUL.T.P	
20	SARATH KUMAR.K	
21	SHIHAB	
22	SUBASH.R	

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COIMBATORE 641 105

Department of Automobile Engineering

23	THIRUNAVKKARASU.D	
24	VASANTH N	
25	ASARUDHEEN.M	
26	BEBIN.C	
27	GOWTHAM.S	
28	KIRAN.T.M	
29	SHIYON ROY K	
30	VISHNU K J	

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COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

CIRCULAR

17.04.2017

It is here by informed that the department of Automobile is organizing certificate course on "**CAD/CAM**" from 24-04-2017 to 02-05-2017.All the students are instructed to attend and get benefited.

To be read in:-

1) II Year Auto
2) III year Auto

HoD/AUTO

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

Copy to:

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

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

ATTENDANCE SHEET

Name of the Program: **CAD/CAM**

S.NO	NAME OF THE STUDENT													
1	ALBERT ANTO													
2	ANTONY VIJAY.A													
3	ANTO TENSON													
4	ARUN KRISHNA.M.K													
5	ASHIK													
6	BINU BRISTON.J.C													
7	BONEYNATH.A													
8	HILLER.M													
9	JAYA GANESH.N													
10	JISHNU.K.K													
11	JOSE JOHN													
12	MOHAMED ASHIQ													
13	MOHAMMED THANZEER.K.A													
14	MOHAMMED ASFAR.K													
15	NAGA PRAVEEN.V													
16	NAVEEN KUMAR.S													
17	PRANAV.P													
18	PRINCE PAUL													
19	RAHUL.P.S													

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COIMBATORE 641 105

Department of Automobile Engineering

20	ROHITH KUMAR V.M														
21	VISHNU VIJAYAN														
22	VIVEK THOMAS														
23	ABDUL SALAM														
24	AJMAL														
25	AKHIL														
26	AMITH SAINATH														
27	ASHIK														
28	DINESH KUMAR														
29	LOKESHWARAN														
30	MARIMUTHU														
31	XAVIOR RAJKUMAR														
32	AJITHKUMAR														
33	NAUSHEER														

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

ATTENDANCE SHEET

Name of the Program: CAD/CAM

S.NO	NAME OF THE STUDENT													
1	AJAYGHOSH.K.M													
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3	ALAN T RAJU													
4	ANAND.M													
5	ANIS MOHAMMED A													
6	ANURAG BALAGOPAL													
7	ARAVINTHA SAMY.S													
8	ARIVAZHAGAN.K													
9	ARUNMANI.R													
10	BALA MANIKANDAN.R													
11	GOKUL.K													
12	GOKUL.M.S													
13	JIJO RAM.V.S													
14	MOHAMMED NAFIH ROSHAN													
15	MOHAMMED NOUFAL													
16	MUHAMMED YAZER.T.P													
17	NANDU KRISHNAN													
18	PRITHIVRAJ.S													
19	RAHUL.T.P													
20	SARATH KUMAR.K													
21	SHIHAB													

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Department of Automobile Engineering

22	SUBASH.R	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	THIRUNAVKKARASU.D	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	VASANTH N	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	ASARUDHEEN.M	1	1	1	1	1	a	1	1	1	1	1	1	1	
26	BEBIN.C	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	GOWTHAM.S	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	KIRAN.T.M	1	1	1	1	1	1	1	1	1	1	1	1	1	a
29	SHIYON ROY K	1	1	1	1	1	1	1	1	1	1	1	1	1	a
30	VISHNU K J	1	1	1	1	1	1	1	1	1	1	1	1	1	a

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CAD/CAM SYLLABUS

1. Engineering drawing.
2. Structural design.
3. Material properties for design.
4. Finite Element theory.
5. Manufacturing processes.
6. Design fundamentals.
7. Jig-fixture design.
8. Computer aided drafting using AutoCAD.
9. 3D modeling using Solid Edge, CATIA & Pro/ENGINEER.
10. Computer aided manufacturing.
11. Finite element analysis using ANSYS.

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COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

Student Feedback

Name of the Student: Nandu krishnan Sex (M/F): M

Department: BE Automobile E-mail nandugokulam21@gmail.com

Address: Anandhanam Estate, olimkadavu (po) mobile 7559058878

Students are required to rate the courses

Name of the Trainer: Suresh. K

[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		✓		

Signature of HOD

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

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HELLAN AUTOMATION SOLUTIONS PVT LTD

No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ALBERT ANTO of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on CAD/CAM from 24-04-2017 to 02-05-2017 organized by Hellan Automation Solutions Pvt Ltd.

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JCT College of Engineering and Technology
Pichanur, Coimbatore - 641105

Hellan Automation Solutions Pvt Ltd.
No 36,Ponnager,Eachnari

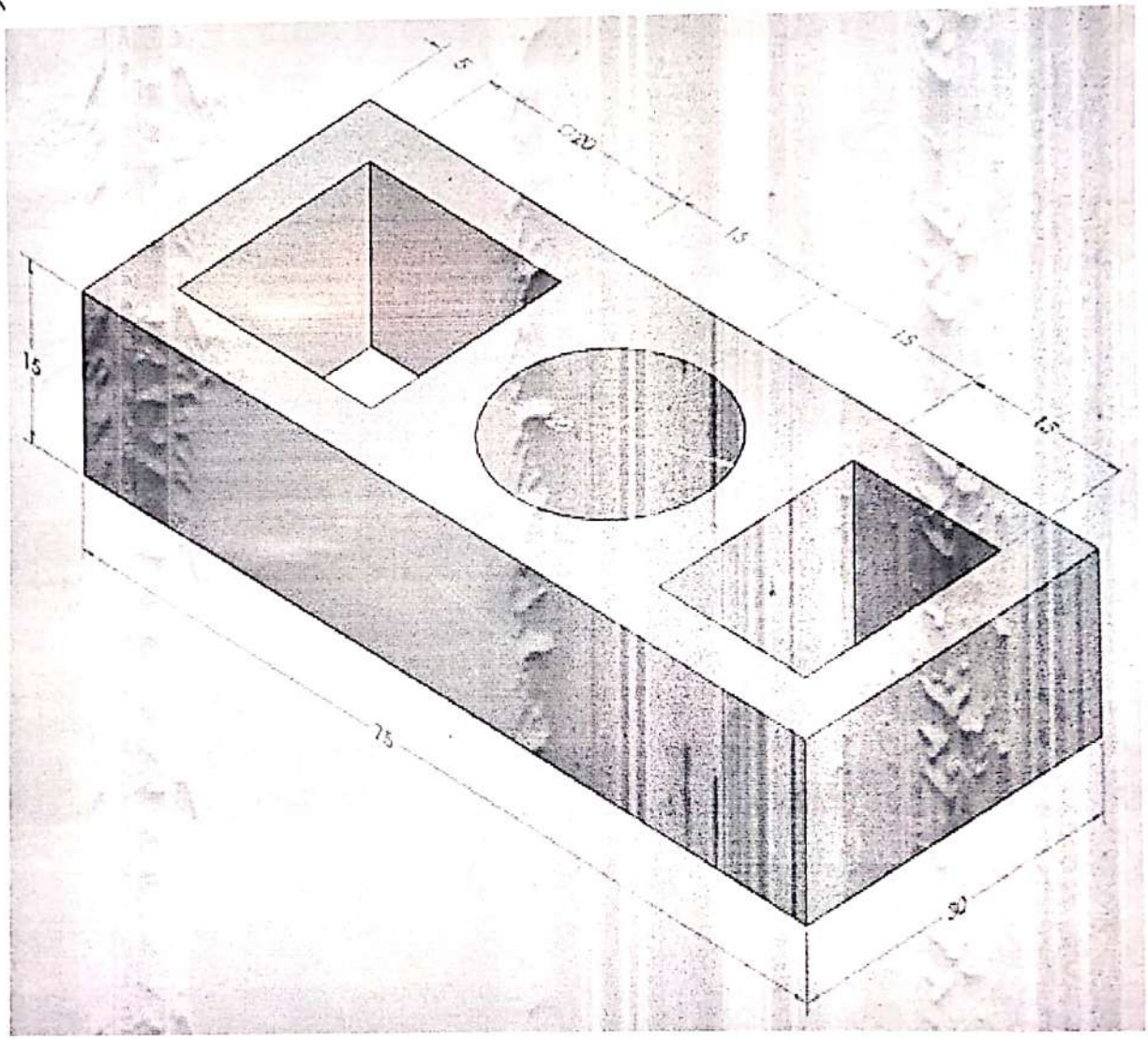
Hellan Automation Solutions Pvt Ltd

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77/100

1. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

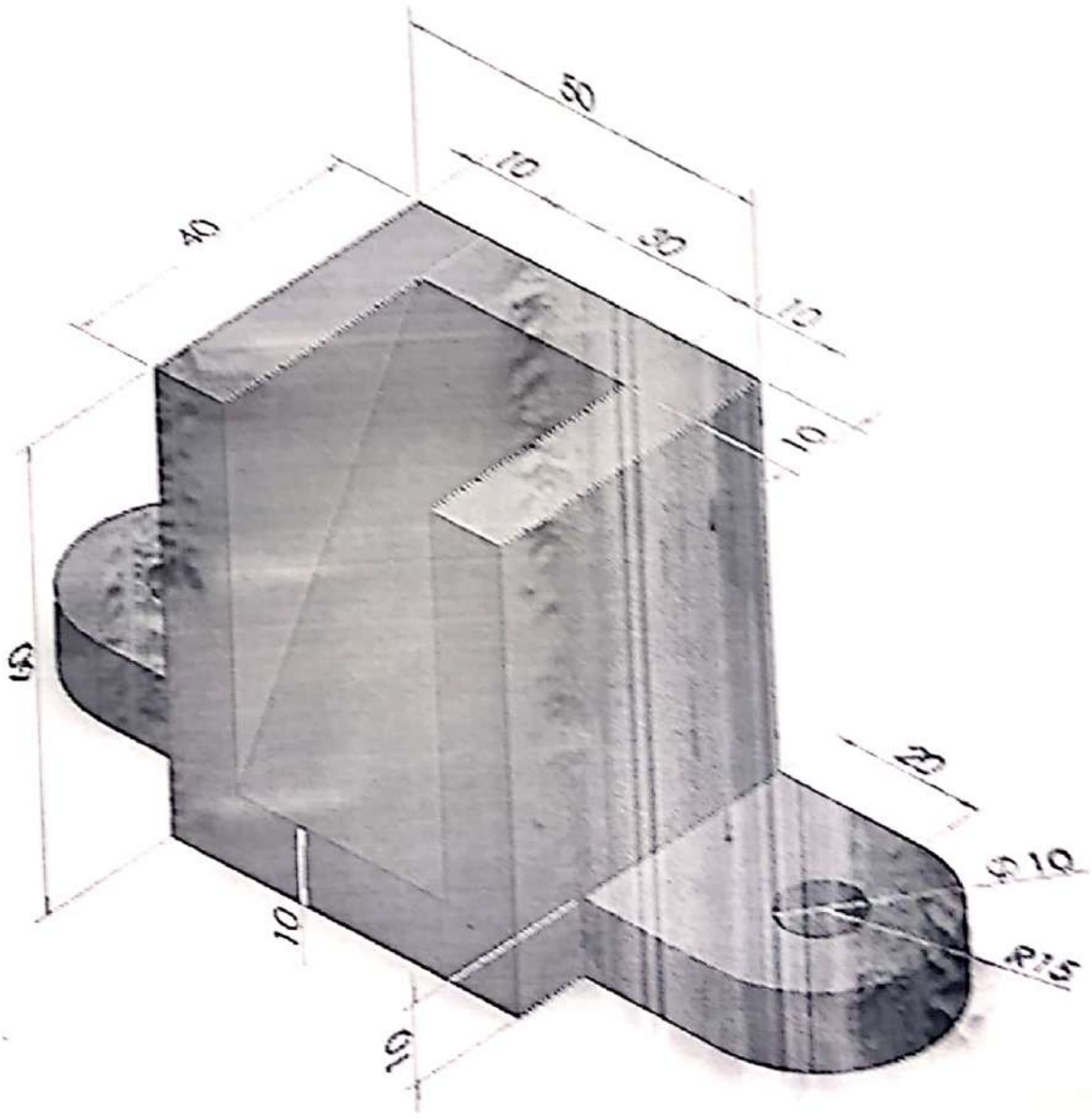
OUTPUT



Scanned by CamScanner

2. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

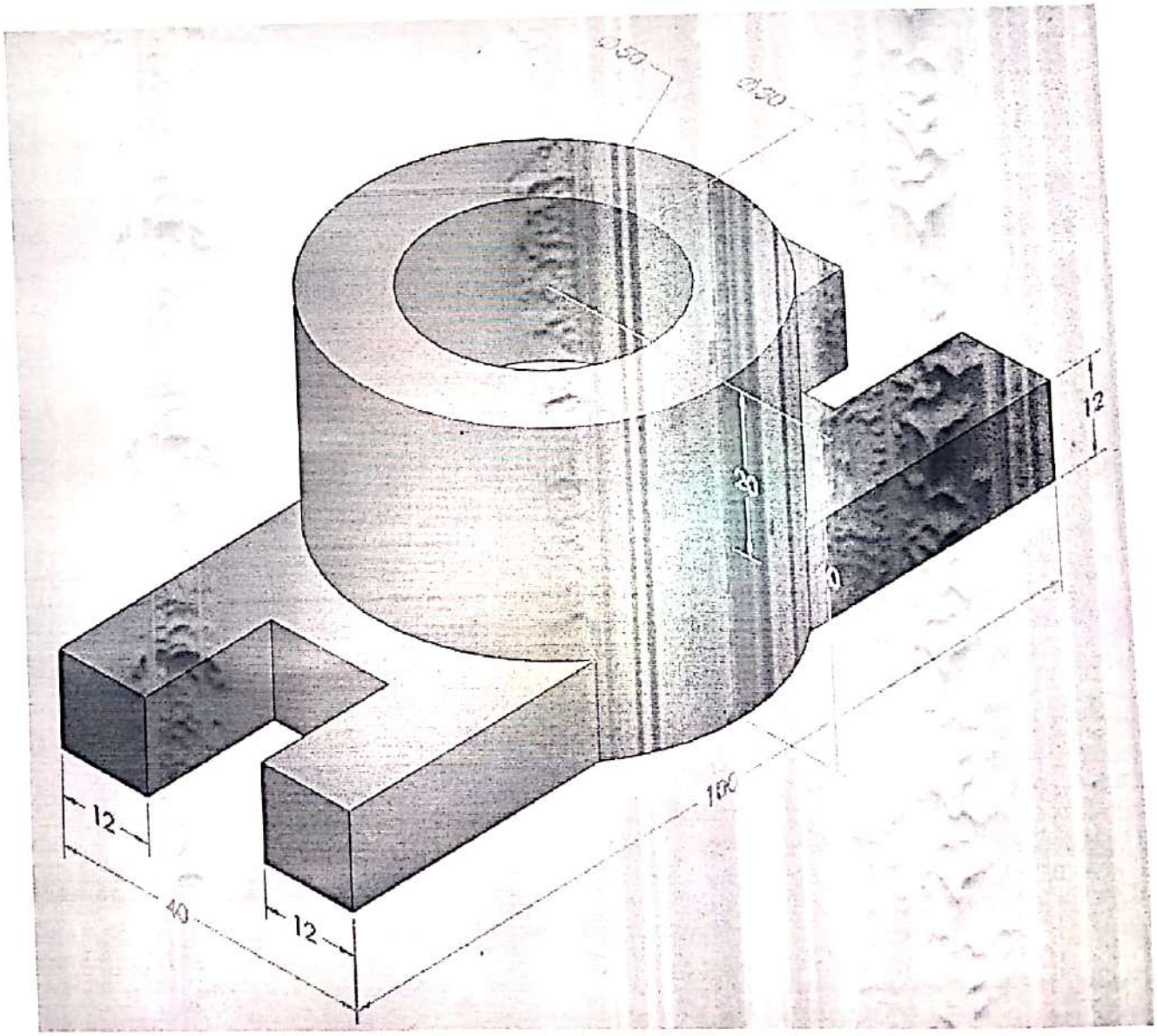
OUTPUT



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3. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

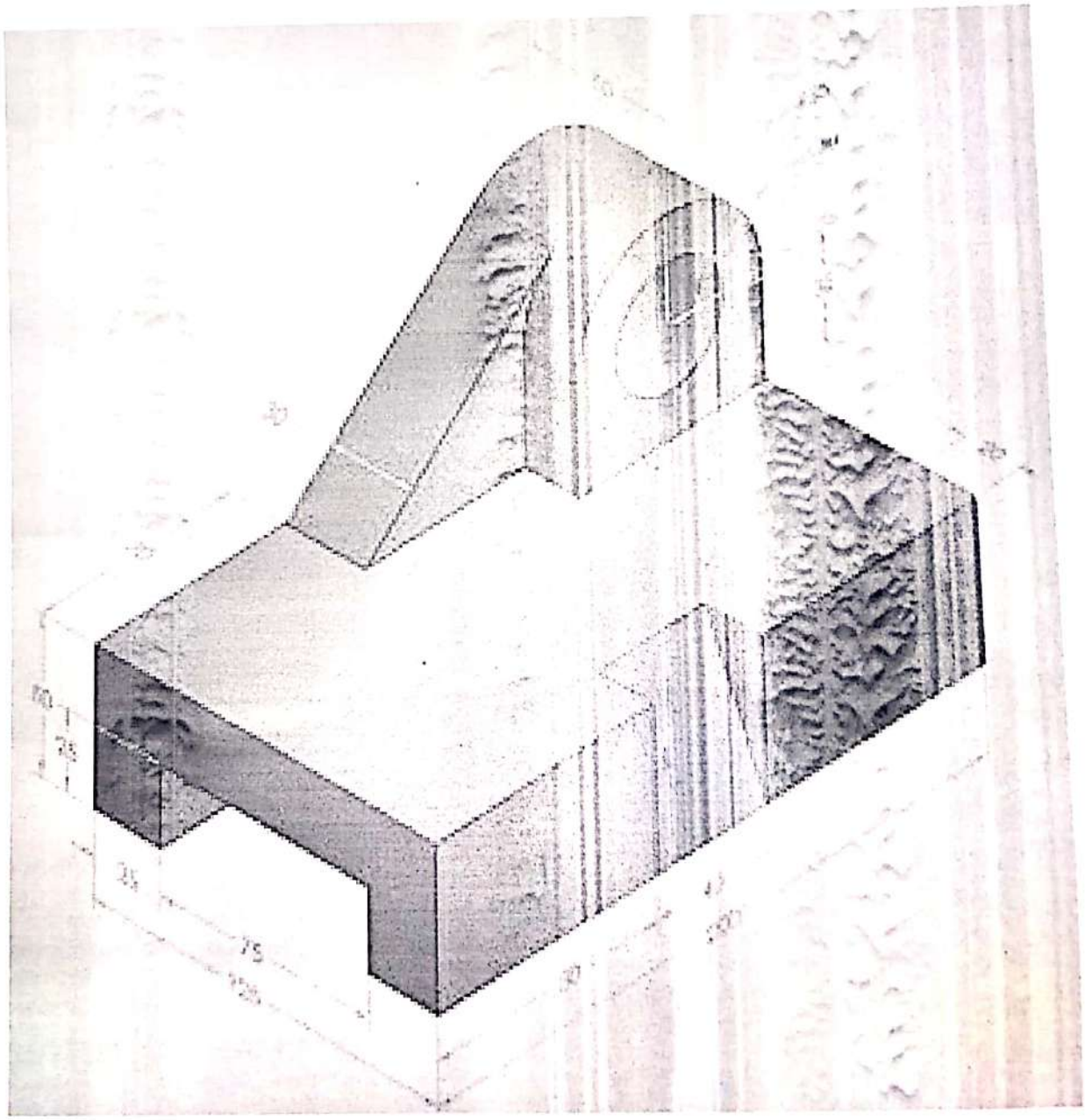
OUTPUT



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4. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

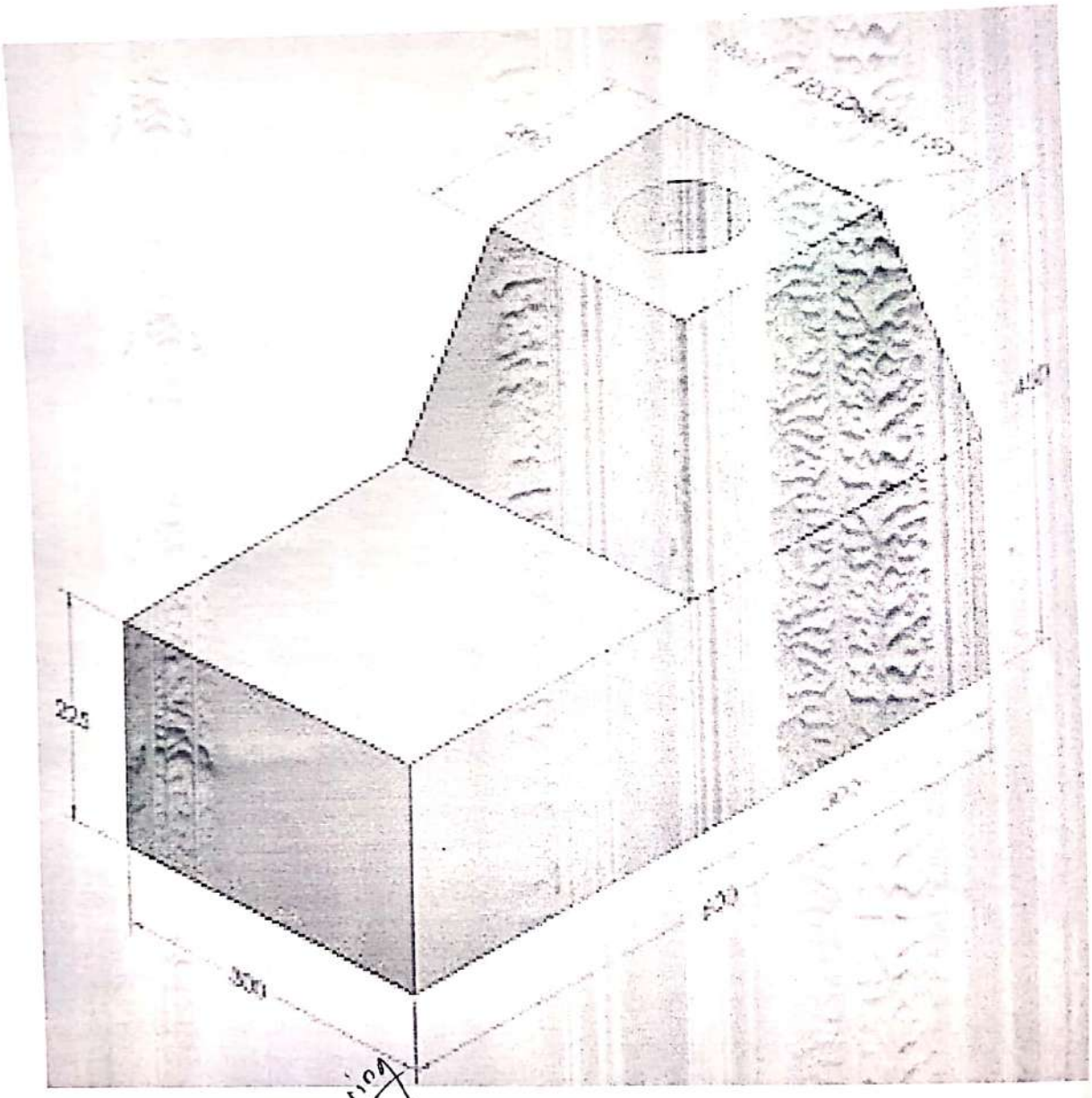
OUTPUT



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5. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

OUTPUT



Based on the part drawing full max. marks get passed

HELLAN AUTOMATION SOLUTIONS PVT LTD

No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms NAGA PRAVEEN.V of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on CAD/CAM from 24-04-2017 to 02-05-2017 organized by Hellan Automation Solutions Pvt Ltd.

PRINCIPAL

Hellan Automation Solutions Pvt Ltd

Hellan Automation Solutions Pvt Ltd.

No 36,Ponnager,Eachnari

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HELLAN AUTOMATION SOLUTIONS PVT LTD

No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms AMITH SAINATH of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on CAD/CAM from 24-04-2017 to 02-05-2017 organized by Hellan Automation Solutions Pvt Ltd.

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Hellan Automation Solutions Pvt Ltd.
No 36,Ponnager,Eachnari

Hellan Automation Solutions Pvt Ltd

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No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms NANDU KRISHNAN of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on CAD/CAM from 24-04-2017 to 02-05-2017 organized by Hellan Automation Solutions Pvt Ltd.

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Hellan Automation Solutions Pvt Ltd

Hellan Automation Solutions Pvt Ltd.
No 36,Ponnager,Eachnari

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HELLAN AUTOMATION SOLUTIONS PVT LTD

No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms VASANTH N of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on CAD/CAM from 24-04-2017 to 02-05-2017 organized by Hellan Automation Solutions Pvt Ltd.

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Hellan Automation Solutions Pvt Ltd

Hellan Automation Solutions Pvt Ltd.
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105

Department of Automobile Engineering

20.11.2017

From

The Head of the Department
Department of Automobile Engineering,
JCT College of Engineering and Technology,
Coimbatore.

To

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

Respected Sir,

Subject: Requisition for your kind approval to conduct a course on **"UNIGRAPHICS"** at our campus-Reg.

The Department of Automobile Engineering has planned to conduct a course on **"UNIGRAPHICS"** for the II and III Year automobile Students. The details about the program are given for your perusal and approval.

S.NO.	Name of the Event	Company name	Organized by	Date
1	certificate course	Hellan Automation Solutions Pvt Ltd. Coimbatore	Department of Automobile Engineering	27.11.2017 to 04.12.2017

Thanking you

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

HoD/AUTO
HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105

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PICHANUR, COIMBATORE-641105

TÜV AUSTRIA

Department of Automobile Engineering

CERTIFICATE COURSE ON UNIGRAPHICS

TIME TABLE

DATE	TIMING	TOPIC
27-11-2017 Monday	10.00 pm to 5 pm	User Interface of Unigraphics
28-11-2017 Tuesday	10.00 pm to 5 pm	Pan and Zoom feature,2D Sketches
29-11-2017 Wednesday	10.00 pm to 5 pm	3D Graphics - Basic Level
30-11-2017 Thursday	10.00 pm to 5 pm	3D Modeling (Editing Tools)
01-12-2017 Friday	10.00 pm to 5 pm	3D Graphics - Advance Level
02-12-2017 Saturday	10.00 pm to 5 pm	Surfacing – Basic, Surfacing - Advance
04-12-2017 Monday	10.00 pm to 5 pm	Practice Models
20-02-2017 Monday	10.00 pm to 5 pm	Practice Models
21-02-2017 Tuesday	10.00 pm to 5 pm	Practice Models

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COIMBATORE 641 105

Department of Automobile Engineering

REGISTERED STUDENTS NAME LIST

Name of the Program: **UNIGRAPHICS**

S.NO	NAME OF THE STUDENT	
1	AJAYGHOSH.K.M	
2	AJITH.R	
3	ALAN T RAJU	
4	ANAND.M	
5	ANIS MOHAMMED A	
6	ANURAG BALAGOPAL	
7	ARAVINTHA SAMY.S	
8	ARIVAZHAGAN.K	
9	ARUNMANI.R	
10	BALA MANIKANDAN.R	
11	GOKUL.K	
12	GOKUL.M.S	
13	JIJO RAM.V.S	
14	MOHAMMED NAFIH ROSHAN	
15	MOHAMMED NOUFAL	
16	MUHAMMED YAZER.T.P	
17	NANDU KRISHNAN	
18	PRITHIVRAJ.S	
19	RAHUL.T.P	
20	SARATH KUMAR.K	
21	SHIHAB	
22	SUBASH.R	

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23	THIRUNAVKKARASU.D	
24	VASANTH N	
25	ASARUDHEEN.M	
26	BEBIN.C	
27	GOWTHAM.S	
28	KIRAN.T.M	
29	SHIYON ROY K	
30	VISHNU K J	

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

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

REGISTERED STUDENTS NAME LIST

Name of the Program: **UNIGRAPHICS**

S.NO	NAME OF THE STUDENT	REMARKS
1	ALBERT ANTO	
2	ANTONY VIJAY.A	
3	ANTO TENSON	
4	ARUN KRISHNA.M.K	
5	ASHIK	
6	BINU BRISTON.J.C	
7	BONEYNATH.A	
8	HILLER.M	
9	JAYA GANESH.N	
10	JISHNU.K.K	
11	JOSE JOHN	
12	MOHAMED ASHIQ	
13	MOHAMMED THANZEER.K.A	
14	MOHAMMED ASFAR.K	
15	NAGA PRAVEEN.V	
16	NAVEEN KUMAR.S	
17	PRANAV.P	
18	PRINCE PAUL	
19	RAHUL.P.S	
20	ROHITH KUMAR V.M	
21	VISHNU VIJAYAN	

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Department of Automobile Engineering

22	VIVEK THOMAS	
23	ABDUL SALAM	
24	AJMAL	
25	AKHIL	
26	AMITH SAINATH	
27	ASHIK	
28	DINESH KUMAR	
29	LOKESHWARAN	
30	MARIMUTHU	
31	XAVIOR RAJKUMAR	
32	AJITHKUMAR	
33	NAUSHEER	

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Mr.K.MOHANLAL

Design Engineer, Hellan Automation Solutions

Sr Mechanical Design engineer

Valeo India Pvt Ltd

Chennai, Tamil Nadu, India

Mechanical Design Engineer

Valeo

My responsibility as an engineer in power-train team is to design the clutch system for Heavy duty applications as per vehicle requirement, also to support till prototype development and product launch.

Internship

Amalgamation Valeo clutches Pvt.ltd

Chennai Area, India

Did a failure analysis of a tractor clutch system and solve the major issue responsible for the clutch failure. The works includes FMEA, riveting process simulation, fatigue simulation and riveting process standardization

Education

Anna University

Degree Name Engineer's Degree

Field of Study AUTOMOBILE ENGINEERING

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SKILLS & ENDORSEMENTS

- **Microsoft Office**
- **PowerPoint**

Industry Knowledge

- **Mechanical Engineering**
- **Automotive**

CAD

Tools and technologies

- **AutoCAD**
- **Microsoft Word**
- **CATIA**
- **Matlab**
- **Microsoft Excel**
- **ANSYS**

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
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Department of Automobile Engineering

CIRCULAR

20.11.2017

It is here by informed that the department of Automobile is organizing certificate course on **"UNIGRAPHICS"** from 27-11-2017 to 04-12-2017.All the students are instructed to attend and get benefited.

To be read in:-

1) II Year Auto
2) III year Auto

HoD/AUTO

Copy to:

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

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 105

Department of Automobile Engineering

ATTENDANCE SHEET

Name of the Program: **UNIGRAPHICS**

S.NO	NAME OF THE STUDENT	23/11/17	24/11/17	28/11/17	29/11/17	30/11/17	30/11/17	1/12/17	1/12/17	1/12/17	2/12/17	2/12/17	4/12/17	4/12/17
1	ALBERT ANTO	/	/	/	/	a	/	/	/	/	/	/	/	/
2	ANTONY VIJAY.A	/	/	/	/	/	/	/	/	/	/	/	/	/
3	ANTO TENSON	/	/	/	a	/	/	/	/	/	a	/	/	/
4	ARUN KRISHNA.M.K	/	/	/	/	/	/	/	/	/	/	/	/	/
5	ASHIK	/	/	a	/	/	/	/	/	/	/	/	/	/
6	BINU BRISTON.J.C	/	/	/	/	/	/	/	/	/	/	/	/	/
7	BONEYNATH.A	/	/	/	a	/	/	/	a	/	/	/	/	/
8	HILLER.M	/	a	/	/	/	/	/	/	/	/	/	/	/
9	JAYA GANESH.N	/	/	/	/	/	/	/	/	/	/	/	/	/
10	JISHNU.K.K	a	/	/	/	/	/	/	/	/	/	/	/	/
11	JOSE JOHN	/	/	/	/	/	a	/	/	/	/	/	/	/
12	MOHAMED ASHIQ	/	/	/	/	/	/	/	/	/	/	/	/	/
13	MOHAMMED THANZEER.K.A	/	/	/	a	/	/	a	/	/	/	/	a	/
14	MOHAMMED ASFAR.K	/	/	/	/	/	/	/	/	/	a	/	/	/
15	NAGA PRAVEEN.V	/	/	/	/	a	/	/	/	/	a	/	/	/
16	NAVEEN KUMAR.S	a	a	/	/	/	/	/	/	/	a	a	/	/
17	PRANAV.P	/	/	/	/	/	a	/	/	/	/	/	/	/
18	PRINCE PAUL	/	/	/	/	/	/	/	a	/	/	/	/	/
19	RAHUL.P.S	/	/	/	/	/	/	a	/	/	/	/	a	/
20	ROHITH KUMAR V.M	a	/	/	/	/	/	/	/	/	a	/	/	a
21	VISHNU VIJAYAN	/	/	/	/	/	/	/	/	/	a	/	/	a

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Department of Automobile Engineering

22	VIVEK THOMAS	/	/	a	/	/	/	a	/	/	/	/	a	/	/
23	ABDUL SALAM	/	/	/	a	/	/	/	/	/	/	/	a	/	/
24	AJMAL	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	AKHIL	a	/	/	/	/	/	/	/	/	/	/	/	/	a
26	AMITH SAINATH	/	/	/	a	/	/	/	/	/	/	/	/	/	/
27	ASHIK	/	a	/	/	/	/	/	/	/	/	/	/	/	/
28	DINESH KUMAR	/	/	/	/	a	/	/	/	/	/	/	/	/	/
29	LOKESHWARAN	/	/	/	/	/	/	/	/	/	/	/	a	/	/
30	MARIMUTHU	/	/	/	/	a	/	/	/	/	a	/	/	/	a
31	XAVIOR RAJKUMAR	/	/	/	/	/	/	/	/	a	/	/	/	/	/
32	AJITHKUMAR	/	/	a	/	a	/	/	/	/	/	a	/	/	a
33	NAUSHEER	/	/	/	/	/	/	/	/	a	a	a	/	/	/

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 105

Department of Automobile Engineering

ATTENDANCE SHEET

Name of the Program: **UNIGRAPHICS**

S.NO	NAME OF THE STUDENT	24/1/17	27/1/17	28/1/17	29/1/17	29/1/17	29/1/17	30/1/17	30/1/17	1/2/17	1/2/17	2/2/17	2/2/17	6/2/17	6/2/17
1	AJAYGHOSH.K.M	/	/	/	a	/	a	/	/	a	/	/	/	/	a
2	AJITH.R	/	/	/	/	a	/	/	/	/	/	/	/	/	/
3	ALAN T RAJU	/	/	a	/	/	/	/	/	a	/	/	/	/	/
4	ANAND.M	/	/	/	/	/	/	/	/	a	/	/	/	/	/
5	ANIS MOHAMMED A	/	a	/	/	/	/	/	/	/	/	/	/	/	/
6	ANURAG BALAGOPAL	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	ARAVINTHA SAMY.S	a	/	/	a	/	/	/	/	/	/	/	/	/	/
8	ARIVAZHAGAN.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	ARUNMANI.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	BALA MANIKANDAN.R	/	a	/	/	/	/	/	a	/	/	/	/	/	/
11	GOKUL.K	/	/	/	a	/	/	/	/	/	/	/	/	/	/
12	GOKUL.M.S	/	/	a	/	/	/	/	a	/	/	/	/	/	/
13	JIJO RAM.V.S	/	/	/	a	/	/	/	/	/	/	/	/	/	a
14	MOHAMMED NAFIH ROSHAN	/	/	/	/	/	a	/	/	/	/	/	a	/	a
15	MOHAMMED NOUFAL	a	/	/	/	/	/	/	a	/	/	/	/	/	/
16	MUHAMMED YAZER.T.P	/	/	/	/	a	/	/	/	/	/	/	/	/	/
17	NANDU KRISHNAN	a	/	/	/	/	/	a	/	/	/	/	/	/	/
18	PRITHIVRAJ.S	/	/	a	/	/	/	/	/	/	a	/	/	/	/
19	RAHUL.T.P	/	/	a	/	/	/	/	a	/	/	/	/	/	/

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

20	SARATH KUMAR.K	/	/	/	a	/	/	/	/	/	/	/	/	/	a
21	SHIHAB	/	/	/	/	a	/	/	/	/	/	/	/	/	/
22	SUBASH.R	/	/	a	/	/	/	/	/	/	/	/	/	/	/
23	THIRUNAVKKARASU.D	/	/	/	/	/	/	a	/	/	/	/	/	/	/
24	VASANTH N	/	/	a	/	/	/	/	/	/	/	/	/	/	/
25	ASARUDHEEN.M	/	/	/	/	a	/	/	/	/	/	/	/	/	/
26	BEBIN.C	/	/	/	a	/	/	/	/	a	/	a	/	/	/
27	GOWTHAM.S	/	/	/	a	a	/	/	/	/	/	/	/	/	a
28	KIRAN.T.M	/	/	a	/	/	/	/	/	/	a	/	/	/	/
29	SHIYON ROY K	a	/	/	/	/	/	a	/	/	/	a	/	/	/
30	VISHNU K J	/	/	a	/	/	/	/	/	a	/	/	/	/	/

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UNIGRAPHICS SYLLABUS

1. User Interface of Unigraphics
2. Pan and Zoom feature
3. 2D Sketches
4. 3D Graphics - Basic Level
5. 3D Modeling (Editing Tools)
6. Models for Practice
7. 3D Graphics - Advance Level
8. Surfacing - Basic
9. Surfacing - Advance
10. Practice Models
11. Assembly

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

Student Feedback

Name of the Student: Sarathkumar. K Sex (M/F): M

Department: Auto E-mail Sarathlal98@gmail.com.

Address: No:18, pickmour boys hostel mobile 8765012210

Students are required to rate the courses

Name of the Trainer: Mr. Mohanlal. K.

[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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Signature of HOD

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641105.

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HELLAN AUTOMATION SOLUTIONS PVT LTD

No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ALBERT ANTO of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on UNIGRAPHICS from 27-11-2017 to 04-12-2017 organized by Hellan Automation Solutions Pvt Ltd.

Hellan Automation Solutions Pvt Ltd

PRINCIPAL
Engineering & Technology
Coimbatore - 641105

Hellan Automation Solutions Pvt Ltd.
No 36,Ponnager,Eachnari

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CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms VISHNU K J of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on UNIGRAPHICS from 27-11-2017 to 04-12-2017 organized by Hellan Automation Solutions Pvt Ltd.

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CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms BEBIN.C of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on UNIGRAPHICS from 27-11-2017 to 04-12-2017 organized by Hellan Automation Solutions Pvt Ltd.

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JCT College of Engineering & Technology
Pichanur (PO), Coimbatore-641 105

Hellan Automation Solutions Pvt Ltd.
No 36,Ponnager,Eachnari

Hellan Automation Solutions Pvt Ltd

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HELLAN AUTOMATION SOLUTIONS PVT LTD

No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms GOKUL.M.S of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on UNIGRAPHICS from 27-11-2017 to 04-12-2017 organized by Hellan Automation Solutions Pvt Ltd.

PRINCIPAL
JCT College of Engineering & Technology
Peelamedu, Coimbatore-641 014

Hellan Automation Solutions Pvt Ltd

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CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms AKHIL of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on UNIGRAPHICS from 27-11-2017 to 04-12-2017 organized by Hellan Automation Solutions Pvt Ltd.

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Hellan Automation Solutions Pvt Ltd.

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CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms HILLER.M of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on UNIGRAPHICS from 27-11-2017 to 04-12-2017 organized by Hellan Automation Solutions Pvt Ltd.

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No 36,Ponnager,Eachnari

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ALBERT ANTO of Automobile Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on UNIGRAPHICS from 27-11-2017 to 04-12-2017 organized by Hellan Automation Solutions Pvt Ltd.

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Hellan Automation Solutions Pvt Ltd.
No 36,Ponnager,Eachnari

Hellan Automation Solutions Pvt Ltd

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HELLAN AUTOMATION SOLUTIONS PVT LTD

No 36,Ponnager,Eachnari

50/100

50 mark get passed

STUDENTS ASSESSMENT QUESTIONS

GRADE SHEET

The below marks/Grade based on the students performance.

Si.No	Description	Programme skills	Questions and answer	Total marks
01	Objective Question	50	15	65

UNIGRAPHICS Questions

1. To draw a line what information must be known? Multiple answers are allowed.

- A. Starting point
- B. Height
- C. Colour
- D. Length
- E. Direction

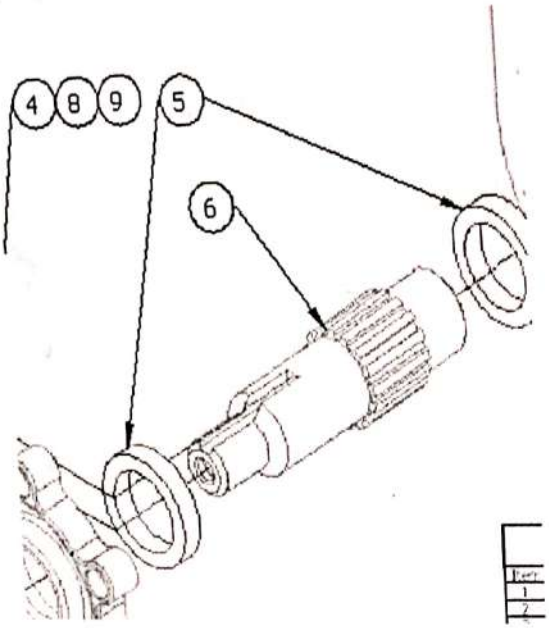
2. To plot a drawing is to do what?

- A. Add a new layer

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- B. Print it
- C. Add some key points

3.



The multileaders 4,8,9 represent:

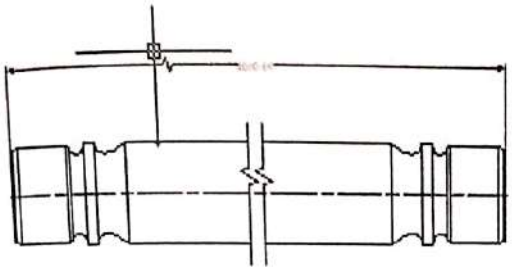
- A. Aligned Multileaders
- B.Vertical Multileaders
- C.Collected Multileaders
- D. Horizontal Multileaders

4.If you modify a dimension style, all dimensions using that style in the drawing update automatically.

- A. True
- B. False

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5.



What is the command used to draw the above dimension line?

- A. Dimjogged
- B. Dimjogline
- C. Joggeddim

6. With the Multiline Text editor, you can do all of the following, except:

- A. Insert numbered and bulleted lists
- B. Insert specific drafting and engineering symbols
- C. Insert pictures
- D. Create Fields such as date, time and author.

7. If you copy and paste text from another drawing or insert a block into a drawing that has the same Text Style name with different properties, the text properties of the host drawing will take precedence.

- A. True
- B. False

8. What happens when you set VPROTATEASSOC System Variable to 0

- A. When a viewport is rotated, the view inside is not rotated.
- B. When a viewport is rotated, the view inside is rotated to match the rotation of the viewport.

9. The following are some of the properties and settings that you can save in a layout, except

- A. Plot scale
- B. Paper size
- C. Line weight
- D. Drawing orientation

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10. You can set viewport scale factor by

- A. Typing vscale
- B. Typing vpscale
- C. Typing viewportscale
- D. None

11. When you use the Match Properties command, you can select multiple source objects.

- A. True
- B. False

12. Using object snaps to select points for Inquiry commands is Critical

- A. True
- B. False

13. By selecting one of the following, the Objects on the layer are not visible and are not considered when the drawing is regenerated.

- A. When you off the layer
- B. When you froze the layer
- C. When you lock the layer
- D. None

14. When using copy with grips, select Copy after you have selected an option, such as Move, Mirror, Rotate, Scale, or Stretch.

- A. True
- B. False

15. If you need the text to be reversed, when you mirror the text,then you need to set

- A. MIRRTEXT to 0
- B. MIRRTEXT to 1
- C. TEXTMIRR to 0
- D. TEXTMIRR to 1

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 30/05/2018

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. This course are conducted by CADD TECHNOLOGIES from 04/06/2018 to 12/06/2018.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

(Prof.A.Kumar)
HoD/Civil

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Coimbatore.Pichanur,.641105
DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

TRAINING PROGRAMME ON AUTO CAD

Year/Sem : II/III

TIMETABLE

Sl.No	Date	Time	Topic	Name of the Faculty
1	04.06.2018	9.30 AM to 12.30 PM	AutoCAD CAD History, Drawing Templates, Standards Based Design	Mr.Dileep & Mr.Thangadurai
		1.30 PM to 4.00 PM	Object Property & Layer Management	
2	05.06.2018	9.30 AM to 12.0 PM	Drawing Geometry	Mr.Dileep
		1.30 PM to 4.00 PM	Tools for Creating Key Geometry	
3	06.06.2018	9.30 AM to 12.30 PM	Tools for Manipulating Geometry	Mr.Dileep
		1.30 PM to 4.00 PM	Dimensioning and Annotating Drawings	
4	07.06.2018	9.30 AM to 12.30 PM	Setting Up a Layout	Mr.Dileep & Mr.Thangadurai
		1.30 PM to 4.30 PM	File Management	
5	08.06.2018	9.30 AM to 12.30 PM	Plotting & Printing	Mr.Dileep
		1.30 PM to 4.30 PM		
6	11.06.2018	9.30 AM to 12.30 PM	The AutoCAD Civil 3D Interface	Mr.Varunkumar,
		1.30 PM to 4.30 PM		
7	12.06.2018	9.30 AM to 12.30 PM	Various Panels Drafting	Mr.Varunkumar
		1.30 PM to 4.30 PM		

Faculty Co-ordinator

HOD/Civil

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17-18

JCT ICT COLLEGE OF ENGINEERING AND TECHNOLOGY

TÜV AUSTRIA

DEPARTMENT OF CIVIL ENGINEERING

Year / Sem : II/ III

S.NO	REG.NO	NAME
1	720916103002	ANZAL.A
2	720916103003	ARAVIND.P.V
3	720916103004	ARAVIND.S.KUMAR
4	720916103005	ARJUN RAJ
5	720916103006	ASWATHI.R
6	720916103008	ATHIRA .B
7	720916103009	BHARATH.P
8	720916103011	DEVIKA.M
9	720916103012	JINU.J
10	720916103013	KARTHICK.B
11	720916103014	MOHAMMED ADIL BIN
12	720916103015	MOHAMMED RISHAL.K.P
13	720916103016	MOHAMMED RISHAN.M.T
14	720916103017	MUHAMMAD SAFAD T
15	720916103018	MUHAMMED NISHAL.M.K
16	720916103019	MUHAMMED SAINUL
17	720916103021	NAMITA BOBAN
18	720916103022	NEETHU.K.K
19	720916103023	NIROSHA.S
20	720916103024	SADIK.I
21	720916103025	SAJITH.K
22	720916103026	SHABIN NAZAR.N
23	720916103029	VARSHINI.S
24	720916103030	ASHMY P I
25	720916103031	NEGHA
26	720915103038	SHARON FRANCIS
27	720916103301	ARUN.T.R
28	720916103302	BALAGURUSAMY
29	720916103303	INSHAD
30	720916103304	JAYA KUMAR
31	720916103305	KRISHNA LAL
32	720916103306	NEETHU.S
33	720916103307	SUBAREESH
35	720916103308	TAMIL SELVAN
36	720916103309	UDHAYAKUMAR
37	720916103308	TAMIL SELVAN
38	720916103309	UDHAYAKUMAR
39	720916103401	WINNER
40	720916103701	SREE RAG

HOD

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

AUTOCAD TRAINING COURSE

STUDENTS ATTENDANCE SHEET

YEAR/SEM: II/IV

S.No.	Reg. No.	Name of the Student	4/06	5/6	6/6	7/6	8/6	11/6	12/6	13/6
1.	720916103006	ASWATHI.R	✓	✓	✓	✓	✓	✓	✓	✓
2.	720916103008	ATHIRA .B	✓	✓	✓	✓	a	a	✓	✓
3.	720916103009	BHARATH.P	✓	✓	✓	a	✓	✓	✓	✓
4.	720916103011	DEVIKA.M	✓	✓	✓	✓	✓	✓	✓	a
5.	720916103012	JINU J	✓	a	✓	✓	✓	✓	✓	✓
6.	720916103013	KARTHICK.B	✓	✓	✓	✓	✓	✓	✓	✓
7.	720916103014	MOHAMMED ADIL BIN BASHEER	✓	✓	✓	✓	✓	✓	✓	✓
8.	720916103014	MOHAMMED RISHAL K P	✓	✓	✓	✓	✓	✓	✓	✓
9.	720916103016	MOHAMMED RISHAN.M.T	a	✓	✓	✓	✓	✓	✓	✓
10.	720916103017	MUHAMMAD SAFAD T	✓	✓	✓	✓	✓	✓	✓	a
11.	720916103018	MUHAMMED NISHAL.M.K	✓	✓	✓	✓	✓	✓	✓	✓
12.	720916103019	MUHAMMED SAINUL	a	a	✓	✓	✓	✓	✓	✓
13.	720916103021	NAMITA BOBAN	✓	✓	✓	✓	✓	✓	✓	a
14.	720916103022	NEETHU.K.K	✓	✓	✓	✓	✓	✓	✓	✓
15.	720916103023	NIROSHA.S	✓	✓	✓	✓	✓	✓	✓	✓
16.	720916103024	SADIK.I	a	✓	✓	✓	✓	✓	✓	✓
17.	720916103025	SAJITH.K	✓	✓	✓	✓	✓	✓	✓	a
18.	720916103029	VARSHINI.S	✓	✓	✓	✓	✓	✓	✓	✓
19.	720916103030	ASHMY P I	a	✓	✓	✓	✓	✓	✓	✓
20.	720916103031	NEGHA	✓	✓	✓	✓	✓	✓	✓	✓
21.	720916103301	ARUN.T.R	✓	✓	✓	✓	✓	✓	✓	✓
22.	720916103302	BALAGURUSAMY	a	✓	✓	✓	✓	✓	✓	✓
23.	720916103303	INSHAD	✓	✓	✓	a	✓	✓	a	✓
24.	720916103304	JAYA KUMAR	✓	✓	✓	✓	✓	✓	✓	✓
25.	720916103305	KRISHNA LAL	a	✓	✓	✓	✓	✓	✓	✓
26.	720916103306	NEETHU.S	✓	✓	✓	a	✓	✓	✓	a
27.	720916103307	SUBREESH	a	a	a	✓	✓	✓	✓	✓
28.	720916103308	TAMIL SELVAN	✓	✓	✓	✓	a	✓	✓	✓
29.	720916103309	UDHAYAKUMAR	✓	✓	✓	✓	✓	a	a	a
30.	720916103308	TAMIL SELVAN	✓	✓	✓	a	✓	✓	✓	✓
31.	720916103309	UDHAYAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓

A. TL-1

Faculty In-charge

HoD

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

AutoCAD for Civil Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
- Construction Lines
- Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

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Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

AutoCAD 3D
Chapter 1: The AutoCAD Civil 3D Interface
AutoCAD Civil 3D GUI
AutoCAD Civil 3D
Toolspace AutoCAD Civil
3D Panorama Workshops

Chapter 2: Project Management
AutoCAD Civil 3D
Projects Sharing Data
Using Data Shortcuts for Project Management

Chapter 3: Parcels
Lines and curves
Introduction to Parcels
Creating and Editing Parcels
Parcel Reports, Labels, Tables

Chapter 4: Survey
Survey Workflow
Overview Survey Figures
Points
Importing Survey
Data Point Groups

Chapter 5: Surfaces

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Surface Processes
Surface Properties
Contour Data
Other Surface Data
Breaklines and Boundaries
Surface Labels
Surface Volume Calculations
Surface Analysis Display

Chapter 6: Alignments
Introduction to Alignments
Alignment Properties
Labels and Tables

Chapter 7: Profiles
Create a Profile View Style
Create Profiles from Surface
Create Profile Wizard
Create and Edit Profiles

Chapter 8: Corridors
Assembly Overview
Modifying Assemblies
Creating Corridor and it's
properties Corridor Surfaces
Visualization

Chapter 9: Grading, Pipe Networks
Feature Lines
Grading Tools
Modifying Grading
Pipe Configuration
Creating Networks
Editing Piping Networks
Annotating Pipe Networks

Chapter 10: Plan Production
Plan Production Tools
Plan Production Objects
Creating Sheets
Sheet Sets

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur, Coimbatore-641105

DEPARTMENT OF CIVIL ENGINEERING

TRAINING COURSE- STADD PRO & AUTO CADD

RESOURCE PERSON PROFILE

Name : Mr. Dileep

Qualification : Diploma in Civil Engineering

Total Experience : 3 years

Company Name : CADD Technologies

Location : Coimbatore

Skills Developed :

- ✓ Positive attitude and hardworking
- ✓ Communication and multi tasking skills.
- ✓ Self-motivation,
- ✓ Disciplined and methodical approach to problem solving.

STRENGTHS :

- ✓ Self confidence
- ✓ Problem solving skills
- ✓ Good communication skills

Company Profile

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

With the aim and commitment of providing quality training cum Industrial and Engineering solution to the companies as well as CAD aspirants **M/s.CADD Technologies** came in to inception. We started our journey on 20th Jan 2000 and slowly but the same time steadily we commenced our business outfits across TamilNadu. We started our training division in the name of M/s.CADD Technology and elevated the same as Private Limited Company from July 2012.This is our 16th year in the CAD/CAM Training Industry and having a strong planning in expanding our legs across **South India** and **Middle East**. We are having branches at Pollachi, Salem, Thirunelveli, Madurai and Chennai as of now.

The company is established by the dynamic group of directors who are in to Academic and Research field for more than a decade with a vision of providing Industrial requirement based engineering solutions by which it will have their own presence in overall growth of the Manufacturing and Civil Industry to whom the company got tieup.

We, M/s .CADD Technologies School of Design Private Limited, is an Authorized Training cum Certification Centre of M/s. Autodesk, as well as M/s. PTC in Tamilnadu region. We are providing Training cum engineering solutions to the students as well as companies in the areas like Design Engineering, Industrial Engineering, Manufacturing Engineering, Digital Prototyping and Building Information Modeling.

We have trained more than 20,000 students so far (Both at In-house as well as On-site) and have successfully placed sizable number of candidates in various domestic and MNCs to whom we got tie-up. We also have a Technical Advisory committee, which consists of eminent personalities from the leading industries of Coimbatore as well as professors and lecturers of various colleges of Coimbatore Region who are guiding us to serve the student community in a better way.

We have got our exclusive placement division namely M/s. CT HR Consultancy and we are providing free placement assistance through this division for the students who have completed training with us.

We have been awarded the All India Best New Authorized Training Centre (ATC) for the year 2012-13 by M/s. Autodesk, USA and we were the No 1 ATC in conducting Autodesk International Certification Drive for the year 2013-14 in Tamil Nadu. Also we are one among the India's Top 10 Autodesk ATC this year. We have also awarded **South India's best ATC** for the year 2012-13, 2013-14 and 2014-15 by **PTC**.

Advantages to College for having tie-up with ATC:-

1. **M/s. Autodesk** has entered an MOU with **AICTE** and through which All Engineering colleges comes under AICTE are eligible for getting Free Licenses of Autodesk Products up to **125 seater** from AEP Portal with the support of Technical Team from us. The free software grant is worth about **80 Lakhs** and valid for 3 years.
2. It can utilized for the University Inspection and other accreditation purposes as the License Key will be issued on the College Name only and updated to AICTE directly on successful completion of Downloading.
3. No of License can be increased based on the MOU signed with ATC as the ATC can vouch the student strength and actual requirement.
4. **M/s. Autodesk** and **M/s. PTC** are conducting several design competition to the college students in State and national level. For all such competitions they are also conducting state level workshops for a day or two at some colleges which will be attended by students across Tamil Nadu. Every year we are conducting one day work shop on Autodesk Inventor, Revit and AutoCAD software at various colleges across Tamilnadu to give awareness about the application of Software and its industrial usage along with tips to students for design competition too.
5. **Faculty Development Programs** will be conducted in your college for the staff members your college and staff members from in and around colleges of your region with the technical support from **Autodesk and PTC certified Professionals** on latest Technologies.
6. **Guest Lecture by the Corporate Officials** as well as Industry Professionals may be organized by us.
7. Joint promotional activities for improving student's knowledge in Design Field.
8. Placement Assistance through our HR Division M/s. CT HR Consultancy.
9. Can Establish Student Design Club at your college and student can post their creative at Autodesk and PTC portal. Best creative may get them a job as it has been shared to the industries by both the parent companies.

Advantages to the students when they appear for Professional Certification:-

1. Students will be provided **Training on Latest versions** of Software.
2. Students will be provided **Official Training Courseware** of **Autodesk and PTC**.
3. **Internationally Recognized Certificate with Unique Student ID**.
4. Students Name will be displayed in **M/s. Autodesk** as well as **M/s. PTC web Portal**.
5. **Students can use M/s. Autodesk Logo** in their **Resume** which will help them at the time of Interview.
6. **Free license** to Students also.
7. **Final Year Design projects** can be availed from both Autodesk and PTC.
8. **Students can attend all free webinars** organized by them time to time.
9. Students can get an exposure of Industrial Project while providing Training.
10. Student Expert Program can also be conducted at campus every year to motivate them



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Corporate Office : 8th Floor, GEE GEE Crystal, Office No. 8C & 8D, #91, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004. India.
Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : **Auto CAD**

AWARDED TO : **BHARATH P**

AT : **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DURING : **45 Hours** STUDENT ID NO.: **IDFK180367305**

This is a computer generated certificate.

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

16th JUNE 2018
DATE OF ISSUE

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

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Driving Digital Designs!

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CADD Centre training is available through a wide network of training centres. The courses offered are comprehensive and of high quality. The participants are trained by well experienced instructors in the latest technology.



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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : DEVIKA M

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO. : IDFK180367306

This is a computer generated certificate.

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

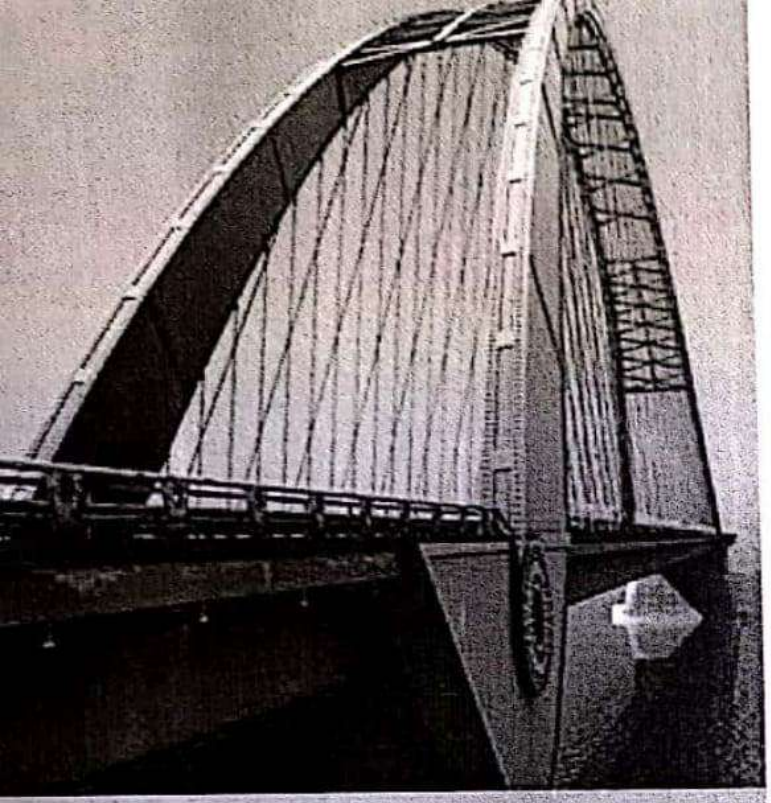
16th JUNE 2018
DATE OF ISSUE

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : JINU J

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IDFK180367307

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

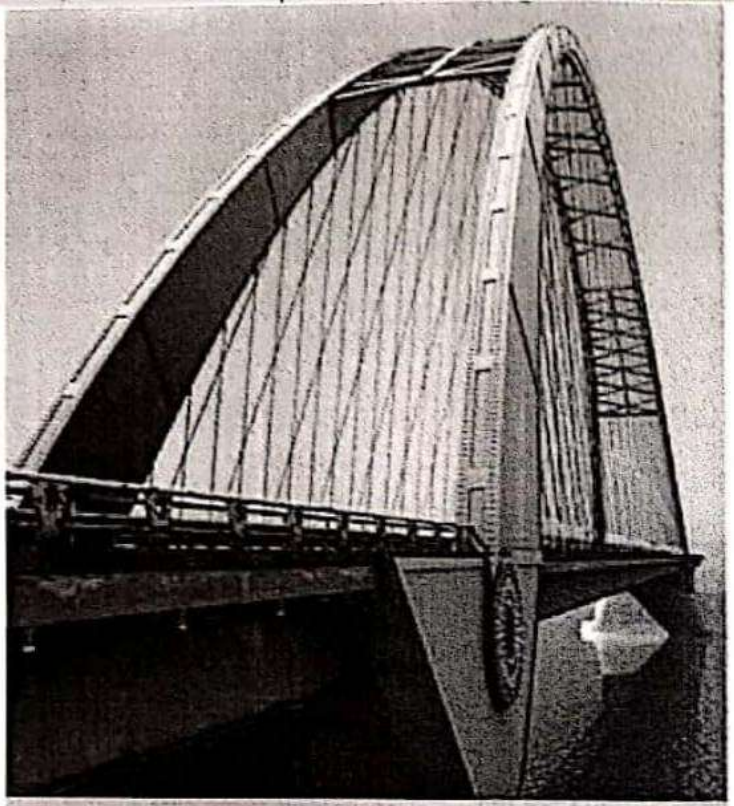
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CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : ASWATHI R

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IDFK180367303

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

16th JUNE 2018
DATE OF IS

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Pichanur, Coimbatore-641105

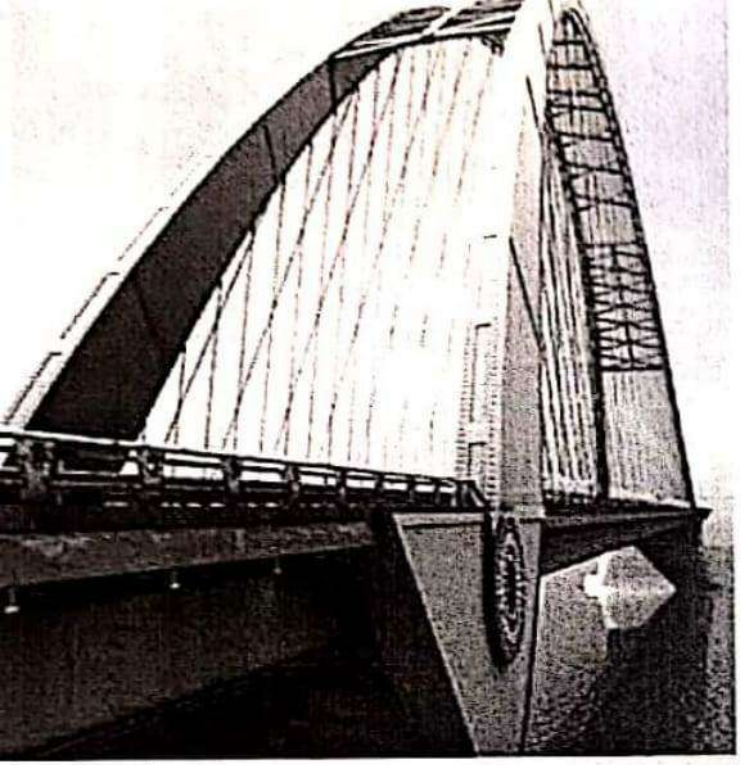
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Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004. India.
Free No. 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : ATHIRA B

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IDFK180367304

This is a computer generated certificate.

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

16th JUNE 2018
DATE OF IS

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Pichanur, Cb

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17-8

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTOCADD TRAINING COURSE – Test Questions

1. Is 330 degrees same as -30 degrees in a drawing?
A.True
B.False

2. Where should you pay attention when you are working with autocad commands?
A.Drawing area
B.Status bar
C.Tool bars
D.Command window

3. Polar coordinates are used mostly for drawing_____
A.Arc
B.Ellipse
C.Angular lines
D.None of the above

4. How many SNAP points does an object have?
A.1
B.4
C.5
D.Depend on object

5. How many points do you need to define for the rectangle command?
A.One
B.Two
C.Three
D.Four

6. How many AutoCAD objects are in a rectangle?
A.One
B.Two
C.Three
D.Four

7. How will you deselect an object while you are selecting set of objects?
A.Ctrl+ click on the object to be removed
B.Shift + Click on the object to be removed
C.Alt + Click on the object to be removed
D.None of the above

8.How long will a line from 0,5 to 5,5 be _____
A.10 units
B.5 units
C.15 units
D.None of the above

9. Objects are rotated around the
A.Bottom of the object
B.Base point
C.Center of the object
D.Origin

10. The origin of a drawing is at
A.0,0
B.1,0

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C.0,1
D.1,1

11. How would you select set of objects in a drawing?
A.By a crossing window drawn from right to left
B.By a crossing window drawn left to right
C.Shift+ clicking on the objects
D.None of the above

12. Fillet command can be used to obtain_____
A.Sharp corners
B.Round corners
C.Both of the above
D.None of the above

13. A polar array creates new objects____
A.In a grid pattern
B.In a circular pattern
C.In a straight line
D.All of the above

14. How many layers a drawing should have?
A.1
B.2
C.As many as depending on the complexity
D.None of the above

15. Scaling objects make them_____
A.Smaller
B.Bigger
C.Either smaller or bigger
D.None of the above

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 30/05/2018

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. This course are conducted by CADD TECHNOLOGIES from 04/06/2018 to 12/06/2018.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

(Prof.A.Kumar)
HoD/Civil

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JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

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Coimbatore.Pichanur,.641105
DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

TRAINING PROGRAMME ON STAAD PRO

Year/Sem : III/V

TIMETABLE

Sl.No	Date	Time	Topic	Name of the Faculty
1	04.06.2018	9.30 AM to 12.30 PM	Introduction to STAAD.Pro.	Mr.Varunkumar
		1.30 PM to 4.00 PM	Model generation using STAAD editor	
2	05.06.2018	9.30 AM to 12.0 PM	Introduction to Snap Node/Beam Ed itor	Mr.Dileep
		1.30 PM to 4.00 PM	Model generation using Node/Beam Editor	
3	06.06.2018	9.30 AM to 12.30 PM	Assigning Properties, Supports, Loads	Mr.Dileep
		1.30 PM to 4.00 PM		
4	07.06.2018	9.30 AM to 12.30 PM	Creating Load Combinations	Mr.Varunkumar,
		1.30 PM to 4.30 PM	Model Analysis of Beam	
5	08.06.2018	9.30 AM to 12.30 PM	Analysis of Simply Supported Beam & Framed Structure	Mr.Dileep
		1.30 PM to 4.30 PM		
6	11.06.2018	9.30 AM to 12.30 PM	Analysis of Framed Structure Including Slabs	Mr.Varunkumar,
		1.30 PM to 4.30 PM		
7	12.06.2018	9.30 AM to 12.30 PM	Column & Beam Design	Mr.Varunkumar
		1.30 PM to 4.30 PM		
8	13.06.2018	9.30 AM to 12.30 PM	Reinforced Concrete Design	Mr.Varunkumar
		1.30 PM to 4.00 PM		

Faculty Co-ordinator

HOD/CIVIL

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

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DEPARTMENT OF CIVIL ENGINEERING

Year / Sem : III/ V

S.NO	REG.NO	NAME
1	720915103001	ABDUL RAHIMAN. P.H
2	720915103002	ADHUL PRAKASH
3	720915103003	AFSAL. P
4	720915103004	AKHIL. R
5	720915103005	AKSHAY. P.S
6	720915103006	AKSHAY DEV. A
7	720915103007	ALI MISHAB. E.C
8	720915103008	AMRITHESWARI. A.F
9	720915103009	ANIL KUMAR. A
10	720915103010	ANIRUDH. A
11	720915103011	ANJANA PRATHEEP
12	720915103012	BASIL BIJU
13	720915103013	BINCY. U.I
14	720915103014	BINOJ VARGHESE
15	720915103015	DANISH. PK
16	720915103016	ELAYAVENDAN. V
17	720915103017	FATHIMATH NESRIN
18	720915103018	GOKUL. K
19	720915103019	HARI G.S
20	720915103020	HARASH. S
21	720915103021	HIBA BASHEER
22	720915103022	INBARASAN. M
23	720915103023	INFANT RICHARD. J
24	720915103024	JOSE ANISH. A
25	720915103025	MASHHOR MOHAMED. C.C
26	720915103027	MUHAMMED SHAMEER. I
27	720915103028	MUHAMMED.P.P
28	720915103029	MUHAMMED SAHIL. P.C
29	720915103030	MUTHURAJA. V
30	720915103031	PAULSON FERNANDEZ.M
31	720915103032	PUGAZHENTHI. R
32	720915103033	RAM KUMAR. A
33	720915103034	RASHID. S
34	720915103035	RENJITH. H
35	720915103036	SAFEEK. A
36	720915103037	SARANG
37	720915103039	TIJO. P.TOM MATHEW
38	720915103301	ASHIK
39	720915103302	BABIN.T.B
40	720915103303	BOOPATHY.V
41	720915103305	MIBIN SABARINATH
42	720915103306	POOVARASAN.M
43	720915103307	SHRUTHI
44	720915103308	SURYA.R
45	720915103309	VIVEK.P.V

HOD

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

STADD-Pro TRAINING COURSE

STUDENTS ATTENDANCE SHEET

YEAR/SEM : III/VI

S.No.	Reg. No.	Name of the Student	04/6	5/06	06/06	07/06	08/06	09/6	11/6	12/6
1.	720915103001	ABDUL RAHIMAN. P.H	/	/	/	/	/	a	/	/
2.	720915103004	AKHIL. R	/	/	/	/	/	/	/	/
3.	720915103005	AKSHAY. P.S	/	a	/	/	/	/	/	/
4.	720915103008	AMRITHESWARI. A.F	/	/	/	/	/	/	a	a
5.	720915103009	ANIL KUMAR. A	/	/	/	/	/	/	/	/
6.	720915103010	ANIRUDH. A	/	/	/	/	/	/	/	/
7.	720915103011	ANJANA PRATHEEP	a	/	/	/	/	/	/	/
8.	720915103013	BINCY. U.I	/	/	/	/	/	/	/	a
9.	720915103014	BINOJ VARGHESE	/	/	/	/	/	/	a	/
10.	720915103015	DANISH. PK	/	/	/	/	a	/	/	/
11.	720915103016	ELAYAVENDAN. V	/	/	/	/	/	/	/	/
12.	720915103018	GOKUL. K	/	/	/	/	/	/	/	a
13.	720915103019	HARI G.S	/	/	/	/	/	/	/	a
14.	720915103020	HARASH. S	/	/	/	/	/	/	/	/
15.	720915103021	HIBA BASHEER	/	/	/	/	/	/	a	/
16.	720915103022	INBARASAN. M	/	/	/	/	/	/	a	a
17.	720915103024	JOSE ANISH. A	/	/	/	/	/	/	a	a
18.	720915103025	MASHHOR MOHAMED. C.C	/	/	/	a	/	/	/	/
19.	720915103027	MUHAMMED SHAMEER. I	/	/	/	/	/	/	/	/
20.	720915103028	MUHAMMED.P.P	/	/	/	/	/	/	/	/
21.	720915103030	MUTHURAJA. V	/	/	/	/	/	/	/	/
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24.	720915103035	RENJITH. H	/	/	/	/	/	/	/	/
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28.	720915103301	ASHIK	/	/	/	/	/	/	/	/
29.	720915103303	BOOPATHY.V	/	/	/	/	/	/	/	a
30.	720915103305	MIBIN SABARINATH	/	/	/	/	/	/	/	a
31.	720915103306	POOVARASAN.M	/	/	/	/	/	/	/	/
32.	720915103307	SHRUTHI	/	/	a	/	/	/	/	/
33.	720915103308	SURYA.P.V	/	/	/	/	/	/	/	/
34.	720915103309	SURYA.R	/	/	/	/	/	/	/	/

Faculty In-charge

HoD

CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

STAAD.PRO - SYLLABUS

STAAD.Pro V8i	Total Duration : 60 Hours
Day	**Topics**
1	• Overview of Structural Analysis and Design • Calculating Shear Force and Bending Moment values for various supports and load types • Introduction ○ STAAD.Pro V8i ○ STAAD Editor
2	• Co-ordinate Systems ○ Global Vs Local • Creating a New Project in STAAD.Pro • Units • Model Generation ○Creating Nodes & Members • Select Menu

3	Model Editing Tools ○ Translational Repeat ○ Circular Repeat ○ Move ○ Mirror ○ Rotate ○ Insert Node ▪ For a Single Member ▪ For Multiple Members ○ Add Beam ▪ Point to Point ▪ Between Midpoints ▪ Perpendicular Intersection ▪ Curved Member
4	Model Editing Tools ○ Connect Beams Along ○ Stretch Selected Members ○ Intersect Selected Members ○ Merge Selected Members ○ Renumber ○ Split Beam ○ Break Beams at Selected Nodes
	Creating Models by using Structure Wizard Mini Project 1
5	• • • Support Specification Member Property Specification • Member Offset Material Specification • Group Specification Loading ○ Creating a Primary Load ○ Adding Selfweight

6	Loading ○ Nodal Load ○ Member Load ▪ Uniform Force and Moment ▪ Concentrated Force and Moment ▪ Linear Varying Load ▪ Trapezoidal Load ▪ Hydrostatic Load ▪ Pre/Post Stress ○ Area Load ○ Floor Load Mini Project 2
7	Loading ○ Wind Load ○ Creating Load Combination ○ Automatic Load Combination ○ Edit Auto Load Rules ○ Moving Load ○ Reference Load ○ Repeat Load Mini Project 3
8	Introduction to Analysis ○ Perform Analysis ○ Overview of Output Page ○ Pre-analysis Print ○ Post-analysis Print Inactive or Delete Specification General Guidelines for Design Concrete Design in STAAD.Pro ○ Column Design ○ Beam Design
9	RC Designer ○ Beam Design ○ Column Design Project 1



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orate Office : 8th Floor, GEE GEE Crystal, Office No. 8C & 8D,
, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004. India.
oll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ABDUL RAHIMAN P H

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 Hours STUDENT ID NO.: IBAC182304353

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MANAGING DIRECTOR	CENTRE HEAD	DATE OF ISSUE
	VARUNKUMAR M	29th JUNE 2018

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

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STADD PRO

IN : STADD Pro

AWARDED TO : AKHIL R

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 Hours STUDENT ID NO.: IBAC182304354

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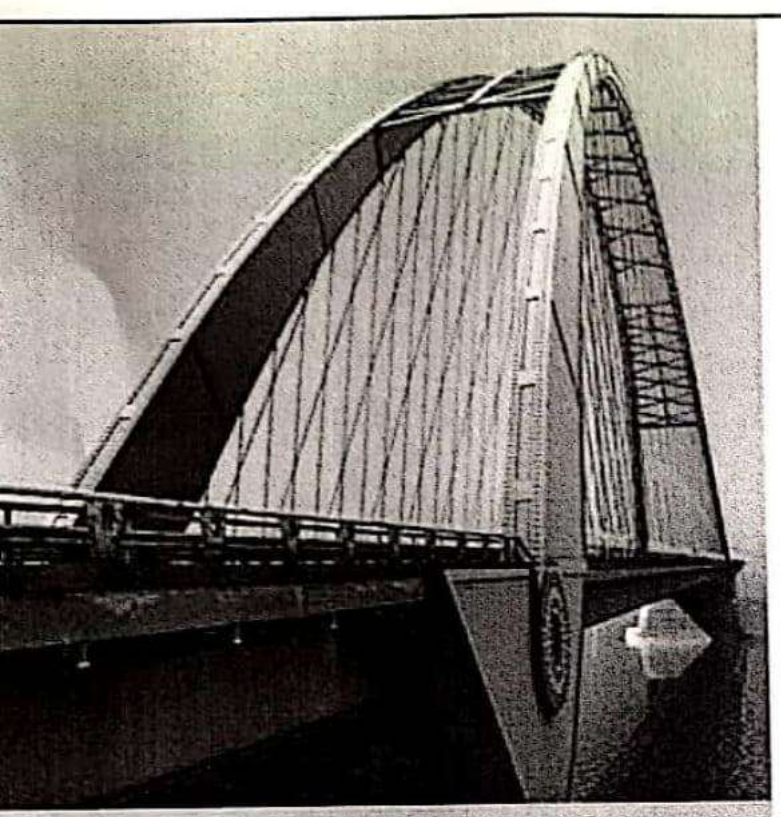
MANAGING DIRECTOR	VARUNKUMAR M	29th JUNE 2018
	CENTRE HEAD	DATE OF ISSUE

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JCT College of Engineering & Technology
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STADD PRO

IN : STADD Pro

AWARDED TO : AKSHAY P S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 Hours STUDENT ID NO.: IBAC182304355

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

29th JUNE 2018
DATE OF ISSUE

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : AMIRTHESWARI A F

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 Hours STUDENT ID NO.: IBAC182304356

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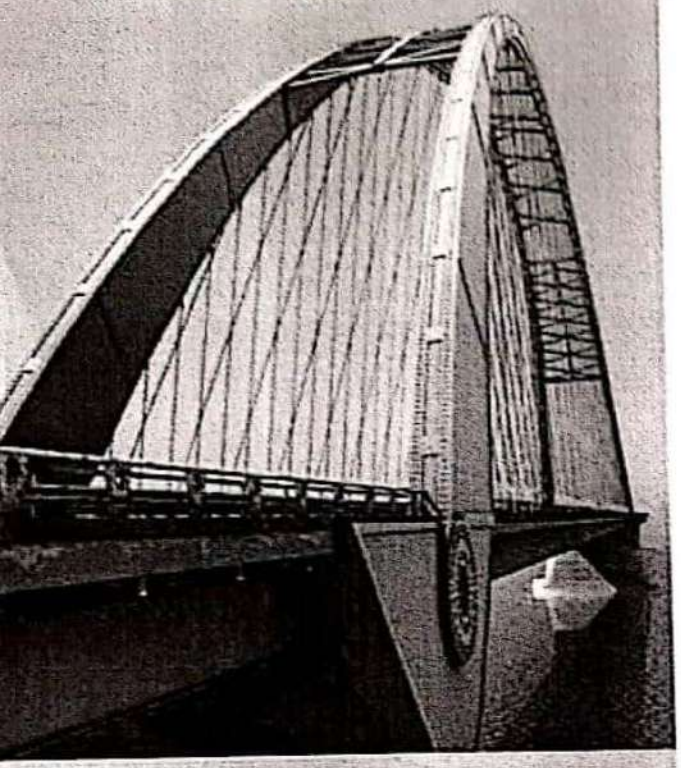
MANAGING DIRECTOR	VARUNKUMAR M	29th JUNE 2018
	CENTRE HEAD	DATE OF ISSUE

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STADD PRO

IN : STADD Pro

AWARDED TO : ANIL KUMAR A

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 60 Hours STUDENT ID NO.: IBAC182304357

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MANAGING DIRECTOR	VARUNKUMAR M	29th JUNE 2018
	CENTRE HEAD	DATE OF ISSU

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Stadd Pro – Test Questions

1. Element properties are the combination of
   a. Model properties
   b. Instance properties
   c. Structural properties
   d. Component properties
   e. Type properties

2. Grids are
   a. Parameter elements
   b. Datum elements
   c. Type elements
   d. Category elements

3. You create nested families using the
   a. Graphics display
   b. Family ditor c.
   Options bar
   d. Properties palette

4. Typical phases include:
   a. Existing construction
   b. Demolition
   c. Pre-construction
   d. Remodeling
   e. New construction

5. A straight reference line has how many planes to sketch on?
   a. One
   b. Two
   c. Three
   d. Four

6. Shared parameters can be shared between families but not between projects
   a. True
   b. False

7. How do you define different wall thicknesses at different heights?(maybe more than one answer)
   a. Make a multi layered wall
   b. Use type properties
   c. Use stacked wall types
   d. Change the in stance properties
   e. All of the above

8. Benefits of work sharing:
   a. Can control visibility of groupings of building componentse.g.building skin, core, int.walls, without having to use temporary view settings or control visibility manually.

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b. Closing work sets on or off as needed removes the unused ones from active memory which will result in better computer performance
c. You can quickly take permission of entire workset and all the elements contained within at one time.
d. All of the above

9. How do you select your starting view for your workset?
   a. From the Properties Palette
   b Collaborate> Workset> Select View
   c. View> (select a view from that tab)
   d. Manage Project>Starting View

10. Can you make a region that is not a closed loop?
   a. Yes
   b. No

11. The color fill legend tab is located in the
   a. View tab
   b. Room & Area tab
   c. Options tab
   d. Manage tab

12. When you change the instance properties of the family component, you change
   a. The category that the family belongs to
   b. All components of the same type
   c. The instances of the family

13. How many planes does a reference point have?
   a. None
   b. One
   c. Two
   d. Three

14. Which two are type properties of a wall?
   a. Top Constraint
   b. Function
   c. Base Constraint
   d. Location Line
   e. Coarse fill pattern

15. Each category and sub category is permitted its own CAD layer
   a. True
   b. False

16. What are the critical parts of stairs:
   a. Nosing structure
   b. Stringers
   c. Treads
   d. Balusters /Railings
   e. All of the above

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17. You can copy a schedule from one project to another by using the simple copy/paste (CTRL+C/CTRL+V) function
    a. True
    b. False

18. Which revision table field provides a place for information about the designer or the reviewing architect?
    a. Description
    b. Show
    c. Issued by
    d. Issued to

19. What is the first step that you perform to change a section view to a detail view?
    a. Open the parent view
    b. Create a new section or callout view
    c. On view menu, click properties
    d. Select the section or callout symbol

20. Which tabs contain the Manage Links icon?
    a. Manage
    b. Collaborate c.
    Insert
    d. View

21. You can load system families into projects from library files and create system families as separate files
    a. True
    b. False

22. To change the fill pattern display for walls cut in plan, you over ride the –
    a. Projection/surface pattern
    b. Cut pattern
    c. Line styles
    d. Cutline styles

23. When placing aligned dimensions, you can set the option to prefer all of the following except:
    a. faces of core
    b. wall faces
    c. faces of finish
    d. wall center lines

24. You cannot export OWF files regularly to create light weight 20 and 30 files for viewing in the OWF viewer
    a. True
    b. False

25. Which two views are automatically created by default when adding a new level?
    a. Floor plan
    b. 30 view
    c. Section
    d. Ceiling plan

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Training Evaluation Form

Title of event: STADD Pro

Date of event: 4/6/18

Location of event: JCTLET

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging	✓				
3.The presentation materials were relevant		✓			
4.The content of the course was organised and easy to follow	✓				
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length was appropriate		✓			
7. The pace of the course was appropriate to the content and attendees	✓				
8.The exercises/role play were helpful and relevant	✓				
9.The venue was appropriate for the event	✓				

10. What was most useful?

11. What was least useful?

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

13. Would you recommend this course to colleagues? Yes/No Why?

14. Any other comments?



Signature

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

Training Evaluation Form

Title of event: STADD Pro

Date of event: 10/06/19

Location of event: JCTCET

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging		✓			
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length was appropriate			✓		
7. The pace of the course was appropriate to the content and attendees					✓
8.The exercises/role play were helpful and relevant	✓				
9.The venue was appropriate for the event		✓			

10. What was most useful?

Yes It was most useful in the theory class

11. What was least useful?

The Soft ware visuals were less important

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

—

13. Would you recommend this course to colleagues? Yes/No Why?

Yes It is very Useful

14. Any other comments?

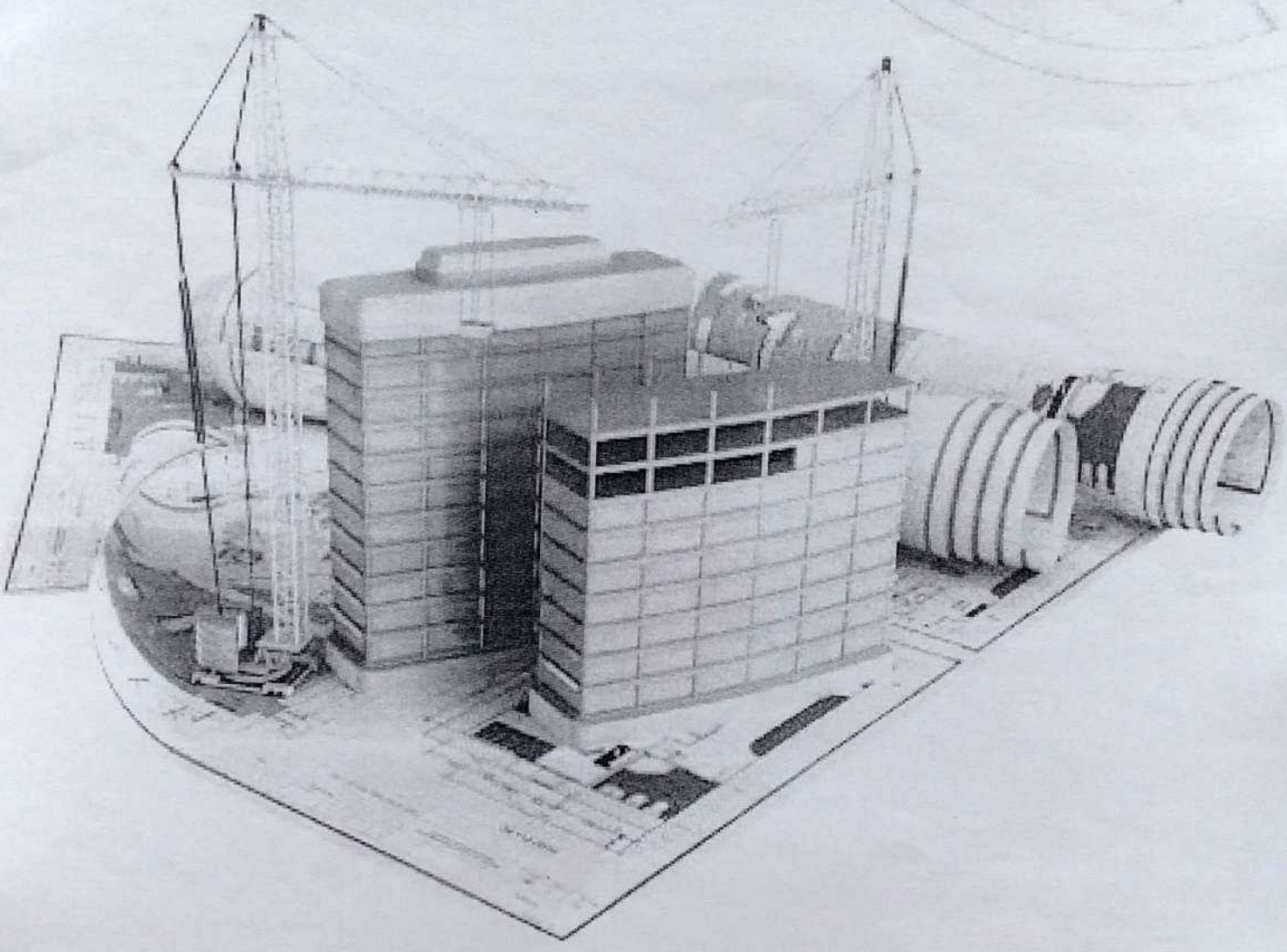
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Signature

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STAAD.Pro V8i

Reference Guide



N·S·D·C
National
Skill Development
Corporation
Transforming the skill landscape

CADD
CENTRE
Skills Driven, Job Led

03.11.2017

From

Head of the Department,
Department of Petrochemical 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 "AUTO CAD"- Reg.

The Department of Petrochemical Engineering is planned to conduct the "AUTO CAD" course organized by CADD Technologies Auto desk, Authorized training centre for our Petrochemical engineering students. The details about the program and the trainer are given below. Hence I request you to kindly provide the permission for conducting the above course successfully.

Name of the Event	Organized by	Course trainer	Date
AUTO CAD	CADD Technologies, Auto desk, Authorized training centre	Mr.D.Saravanan, Mr.M.Siranjeevi	08/12/2017 to 16/12/2017

Thanking you,

Yours truly,

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

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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20/11/2017

CIRCULAR

DEPARTMENT OF PETROCHEMICAL ENGINEERING

It is proposed to conduct a CAD/CAM/CAE Training provider by the CADD TECHNOLOGIES; they are **Autodesk and PTC - Authorized Training cum Certification Centre.** The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting and on-site CAD/CAM/CAE training. From 08/12/2017 to 16/12/2017, so interested candidates register the name to our department coordinator.

HOD/PCE

23/11/17

PRINCIPAL

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

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED

CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre

PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.cadddtechnologies.co.in

Ref: PCE / Proposal / Engg / 62 / 2017

Date: 01.11.2017

To,

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

Through : Dr. R.PERUMAL, HoD – Petrochemical Engineering.

Respected Sir,

Sub: **On-Site CAD/CAM/CAE Training**

We are happy to introduce our self as a leading CAD/CAM/CAE Training provider in TamilNadu Region. We are **Autodesk and PTC - Authorized Training cum Certification Centre** in this region and we are providing CAD/CAM/CAE software training as well as industrial solutions for the last 15 years. We have trained more than 18000 students which include both in-house and onsite training at various colleges.

The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting, keeping this in mind we pioneered our self to provide on-site CAD/CAM/CAE training at University, Engineering colleges and also in industries.

We are forwarding herewith our on-site training Proposal for your kind perusal seeking an opportunity to provide value added software training to your students and guide them to build their bright future.

Thanking You

For CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED,





Varunkumar M, DGM – Operations,
Cell: + 91 98421 04219.

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Company Profile

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

With the aim and commitment of providing quality training cum Industrial and Engineering solution to the companies as well as CAD aspirants **M/s.CADD Technologies** came in to inception. We started our journey on 20th Jan 2000 and slowly but the same time steadily we commenced our business outfits across TamilNadu. We started our training division in the name of M/s.CADD Technology and elevated the same as Private Limited Company from July 2012.This is our 16th year in the CAD/CAM Training Industry and having a strong planning in expanding our legs across **South India** and **Middle East**. We are having branches at Pollachi, Salem, Thirunelveli, Madurai and Chennai as of now.

The company is established by the dynamic group of directors who are in to Academic and Research field for more than a decade with a vision of providing Industrial requirement based engineering solutions by which it will have their own presence in overall growth of the Manufacturing and Civil Industry to whom the company got tieup.

We, M/s .CADD Technologies School of Design Private Limited, is an Authorized Training cum Certification Centre of M/s. Autodesk, as well as M/s. PTC in Tamilnadu region. We are providing Training cum engineering solutions to the students as well as companies in the areas like Design Engineering, Industrial Engineering, Manufacturing Engineering, Digital Prototyping and Building Information Modeling.

We have trained more than 20,000 students so far (Both at In-house as well as On-site) and have successfully placed sizable number of candidates in various domestic and MNCs to whom we got tie-up. We also have a Technical Advisory committee, which consists of eminent personalities from the leading industries of Coimbatore as well as professors and lecturers of various colleges of Coimbatore Region who are guiding us to serve the student community in a better way.

We have got our exclusive placement division namely M/s. CT HR Consultancy and we are providing free placement assistance through this division for the students who have completed training with us.

We have been awarded the All India Best New Authorized Training Centre (ATC) for the year 2012-13 by M/s. Autodesk, USA and we were the No 1 ATC in conducting Autodesk International Certification Drive for the year 2013-14 in Tamil Nadu. Also we are one among the India's Top 10 Autodesk ATC this year. We have also awarded **South India's best ATC** for the year 2012-13, 2013-14 and 2014-15 by **PTC**.

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Advantages to College for having tie-up with ATC:-

1. **M/s. Autodesk** has entered an MOU with **AICTE** and through which All Engineering colleges comes under AICTE are eligible for getting Free Licenses of Autodesk Products up to **125 seater** from AEP Portal with the support of Technical Team from us. The free software grant is worth about **80 Lakhs** and valid for 3 years.
2. It can utilized for the University Inspection and other accreditation purposes as the License Key will be issued on the College Name only and updated to AICTE directly on successful completion of Downloading.
3. No of License can be increased based on the MOU signed with ATC as the ATC can vouch the student strength and actual requirement.
4. **M/s. Autodesk** and **M/s. PTC** are conducting several design competition to the college students in State and national level. For all such competitions they are also conducting state level workshops for a day or two at some colleges which will be attended by students across Tamil Nadu. Every year we are conducting one day work shop on Autodesk Inventor, Revit and AutoCAD software at various colleges across Tamilnadu to give awareness about the application of Software and its industrial usage along with tips to students for design competition too.
5. **Faculty Development Programs** will be conducted in your college for the staff members your college and staff members from in and around colleges of your region with the technical support from **Autodesk and PTC certified Professionals** on latest Technologies.
6. **Guest Lecture by the Corporate Officials** as well as Industry Professionals may be organized by us.
7. Joint promotional activities for improving student's knowledge in Design Field.
8. Placement Assistance through our HR Division M/s. CT HR Consultancy.
9. Can Establish Student Design Club at your college and student can post their creative at Autodesk and PTC portal. Best creative may get them a job as it has been shared to the industries by both the parent companies.

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC University Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Raja I Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Petrochemical Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
  - Construction Lines
  - Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

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Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

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JCT

JCT College of Engineering and Technology

Coimbatore-105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

TÜV AUSTRIA

Course: AUTO CAD

Day	1	2	10.45-11.00	3	4	12.30-01.00	5	6	7	8
	9.10-10.45			11.00-12.30			1.00 – 4.30			
08/12/2017	**Introduction Class about auto cad**		BREAK	Mr.D.Saravanan, Mr.M.Siranjeevi		LUNCH BREAK	Mr.D.Saravanan, Mr.M.Siranjeevi			
09/12/2017	Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			
11/12/2017	Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			
12/12/2017	Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			
13/12/2017	Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			
14/12/2017	Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			
15/12/2017	Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			
16/12/2017	Mr.D.Saravanan, Mr.M.Siranjeevi			Mr.D.Saravanan, Mr.M.Siranjeevi			**Interaction class, Assessment test, Feedback**			

HOD

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DEPARTMENT OF PETROCHEMICAL ENGINEERING

SI:NO	NAME	SIGNATURE OF THE STUDENTS
1.	Ajith Thomas	
2.	Akash Pavithran	
3	Anbarasan . V .	
4	Anto Prince . L .	
5	Boyjith . B T	
6	Dennis Mathew . B	
7	Eby Steven . P .	
8	Hari Prasad V P	
9	Jai ganesh . M	
10	Jawseer K .	
11	Jothiram . S	
12	Kiran S	
13	Lakshmanan . K .	
14	Mahesh kumar . M	
15	Manasey D .	
16	Marwan Ayoob .	
17	Mushid P K .	
18	Nandhu K S .	
19	Nasif Hasan . T .	
20	Nidhin Pradeep Nath	
21	Nihad N .	
22	Pravin K .	

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

TÜV AUSTRIA

23	Prince V.P	
24	Rathan . C	
25	Rijas K.M	
26	Rishi Vaidhiam . K.M	
27	Rohith Satchinam	
28	Sajan . P	
29	Sajith . P.S	
30	Sampath . P	
31	Sancesh Thomas	
32	Shaik Abdulkadir . S	
33	Sidhardha K.R	
34	Sivaneesh B.	
35	Sooraj . R .	
36	Aadilsha . S.	
37	Aakash Venugopal.	
38	Abdul Haleem . R.	
39.	Abhijith . K S.	
40	Abhina Jose .	
41	Akhil j	
42	Akhil KS	
43	Akshaya m.	
44	Alex Antoo	
45	Allen Chacko.	
46.	Allen James.	
47.	Alwin - James.	

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48	Amal K.P.	
49	Amal Mukethes.	
50.	Amal Ranjan Das.	
51	Amrith swaroop dinesh K.	
52.	Balaitto joy	
53	Balamuragan B.	
54	Balamurugan R.	
55	Basil M.V.	
56	Basil TP	
57	Basil Baby	
58.	Benil Raju G	
59.	Biju M.	
60	Eugeneleonard S.	
61	Fakkrudeen Ali Ahemed · A.	
62.	Gladson R.	
63.	Gradson Baby	
64	Gurumanidasan. R	
65	Jerin jose.	
66.	Jilvin Basil.	
67.	Jithin P.	
68.	Jithin PB	
69.	Jixon johny	
70	Ninto Antony.	

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SI:NO	NAME	ID NO	8/12/17	09/12/17	11/12/17	12/12/17	13/12/17	14/12/17	15/12/17	16/12/17
1	AJITH THOMAS	IBD170139601	/	/	/	/	/	/	/	a
2	AKASH PAVITHRAN	IBD170139602	/	/	a	a	/	/	/	/
3	ANBARASAN V	IBD170139603	/	/	/	/	/	/	/	/
4	ANTO PRINCE L	IBD170139604	/	/	/	/	/	/	/	a
5	BYJITH B T	IBD170139605	/	/	/	/	/	a	/	/
6	DENNIS MATHEW B	IBD170139606	/	/	/	/	/	/	/	/
7	EBY STUVERT P	IBD170139607	/	a	/	/	/	/	/	/
8	HARI PRASAD V P	IBD170139608	/	/	/	/	/	/	/	/
9	JAIGANESH M	IBD170139609	/	/	/	/	/	/	/	/
10	JANSEER K	IBD170139610	/	/	a	/	/	/	/	/
11	JOTHIRAM S	IBD170139611	/	/	/	/	/	a	/	/
12	KIRAN S	IBD170139612	/	/	/	/	/	/	/	/
13	LAKSHMANAN K	IBD170139613	/	/	/	/	/	/	/	/
14	MAHESH KUMAR M	IBD170139614	a	/	/	/	/	/	/	/
15	MANASAY D	IBD170139615	/	/	/	/	/	/	/	/
16	MARWAN AYOOB	IBD170139616	/	/	/	/	/	/	/	/
17	MURSHID P K	IBD170139617	/	/	/	/	/	/	/	/
18	NANDHU K S	IBD170139618	/	/	/	/	a	/	/	/
19	NASIF HASAN T	IBD170139619	/	/	/	/	/	/	/	/
20	NIDHIN PRADEEP NATH	IBD170139620	/	/	/	/	/	/	/	/
21	NIHAD N	IBD170139621	/	/	/	/	/	/	a	/
22	PRAVIN K	IBD170139622	/	/	/	/	/	/	a	/

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23	PRINCE V P	IBD170139623	/	/	/	/	/	a	/	/
24	RATHAN C	IBD170139624	/	/	/	/	/	/	/	/
25	RIJAS K M	IBD170139625	/	/	/	/	a	/	/	/
26	RISHI GAUTHAM K M	IBD170139626	/	/	/	/	/	/	/	/
27	ROHITH KRISHNAN	IBD170139627	/	/	/	/	/	/	/	/
28	SAJAN P	IBD170139628	/	/	/	/	/	/	/	a
29	SAJITH P S	IBD170139629	/	/	/	a	/	/	/	/
30	SAMPATH P	IBD170139630	/	/	/	/	/	/	/	/
31	SANEESH THOMAS	IBD170139631	/	/	/	/	/	/	/	/
32	SHEIK ABDULLAH S	IBD170139632	/	/	/	/	/	/	/	/
33	SIDHARTHA K R	IBD170139633	/	/	/	/	/	/	a	/
34	SIRANJEEVI B	IBD170139634	/	/	/	/	/	/	/	/
35	SOORAJ R	IBD170139635	/	/	/	/	/	/	/	/
36	AADILSHA S	IBD170139636	/	/	/	/	/	/	/	/
37	AAKASH VENUGOPAL	IBD170139637	/	/	/	/	/	/	/	/
38	ABDUL HAKEEM R	IBD170139638	/	/	/	/	/	/	/	/
39	ABHIJITH K S	IBD170139639	/	/	/	/	/	/	/	/
40	ABHIN JOSE	IBD170139640	/	/	/	a	/	/	/	/
41	AKHIL J	IBD170139641	/	/	/	/	/	/	/	/
42	AKHIL K S	IBD170139642	/	a	/	/	/	/	/	/
43	AKSHAY M	IBD170139643	/	/	/	/	/	/	/	/
44	ALEX ANTOO	IBD170139644	/	/	/	/	/	/	a	/
45	ALLEN CHACKO	IBD170139645	/	/	/	/	/	/	/	/
46	ALLEN JAMES	IBD170139646	/	/	/	/	/	/	/	/
47	ALVIN KURIAN	IBD170139647	/	/	/	/	/	/	/	/
48	AMAL K P	IBD170139648	a	/	/	/	/	/	/	/
49	AMAL MUKTHAR	IBD170139649	/	/	/	/	/	/	/	/

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50	AMAL RANJAN DAS	IBD170139650	/	/	a	/	/	/	/	/
51	AMRITH SWAROOP DINESH K	IBD170139651	/	/	/	/	/	/	/	/
52	BABITTO JOY	IBD170139652	/	/	/	/	a	/	/	/
53	BALAMURUGAN B	IBD170139653	/	/	/	/	/	/	/	/
54	BALAMURUGAN R	IBD170139654	/	a	/	/	/	/	/	/
55	BASIL M Y	IBD170139655	/	/	/	/	/	/	/	/
56	BASIL T P	IBD170139656	/	/	/	/	/	/	/	a
57	BASIL BABY	IBD170139657	/	/	/	/	/	/	/	/
58	BENIL RAJA G	IBD170139658	/	/	/	/	/	/	/	/
59	BIJU M	IBD170139659	/	/	a	/	/	/	/	/
60	EUGENELEONARD S	IBD170139660	/	/	/	/	/	/	/	/
61	FAKKRUDEEN ALI AHAMED A	IBD170139661	/	/	/	/	/	/	/	/
62	GLADSON R	IBD170139662	/	/	/	/	/	/	/	/
63	GODSON BABY	IBD170139663	/	/	/	/	/	/	/	/
64	GURUMANIDASAN R	IBD170139664	/	/	/	/	/	/	/	/
65	JERIN JOSE	IBD170139665	a	/	/	/	/	/	/	/
66	JIBIN BASIL	IBD170139666	/	/	/	/	/	/	/	/
67	JITHIN P	IBD170139667	/	/	/	/	/	/	/	/
68	JITHIN P B	IBD170139668	/	/	/	/	/	/	/	/
69	JIXON JOHNY	IBD170139669	/	/	/	/	/	/	/	/
70	NINTO ANTONY	IBD170139670	/	/	/	/	/	/	a	/

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Training Evaluation Form

Title of event: Autocad.

Date of event: 16/12/2017

Location of event: Jet CET.

Trainers: Mr. D. Saravanan, Mr. M. Sirangeevi.

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met		✓			
2.The presenters were engaging	✓				
3.The presentation materials were relevant		✓			
4.The content of the course was organised and easy to follow	✓				
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length was appropriate	✓	✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant	✓				
9.The venue was appropriate for the event		✓			

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10. What was most useful?

It will be used for.
most improment Only knowledge.

11. What was least useful?

Improment the Basic knowledge.

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

We need the 3d diagrams

13. Would you recommend this course to colleagues? Yes/No Why?

Yes. It is designed.

14. Any other comments?

Good.

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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Training Evaluation Form

Title of event: AutoCad

Date of event: 16/12/2017

Location of event: Jct CET

Trainers: Mr. D. Saravanan, Mr. M. Sivangeswi

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1. The objectives of the training were met	✓				
2. The presenters ere engaging		✓			
3. The presentation materials were relevant	✓				
4. The content of the course was organised and easy to follow	✓				
5. The trainers were well prepared and able to answer any questions	✓				
6. The course length was appropriate		✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8. The exercises/role play were helpful and relevant	✓				
9. The venue was appropriate for the event		✓			

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10. What was most useful?

Basic knowledge in improment.

11. What was least useful?

Basises.

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

We need Animated Videos.

13. Would you recommend this course to colleagues? Yes/No Why?

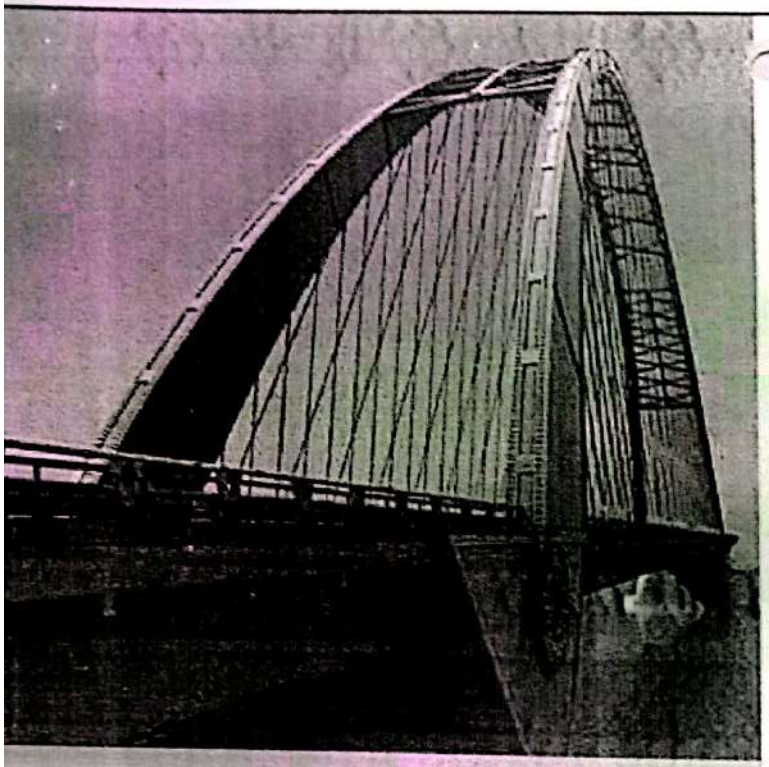
Yes.. It require to improve Engineering knowledge.

14. Any other comments?

Good.

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : DENNIS MATHEW B

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD170139606

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

24.01.2018
DATE OF ISSUE

PRINCIPAL
JCT College of Engineering & Technology

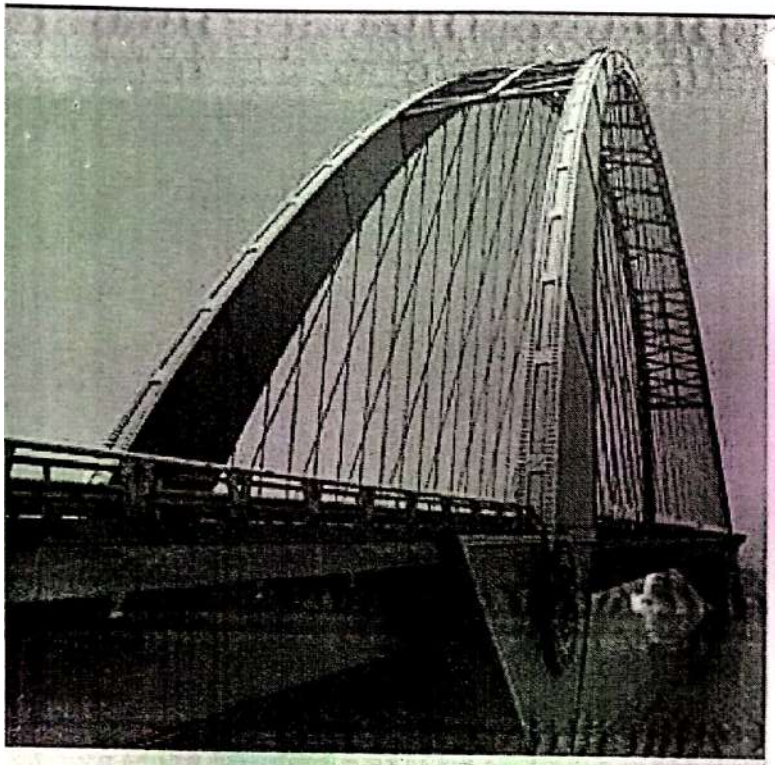
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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : BYJITH B T

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD170139605

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

24.01.2018
DATE OF ISSUE

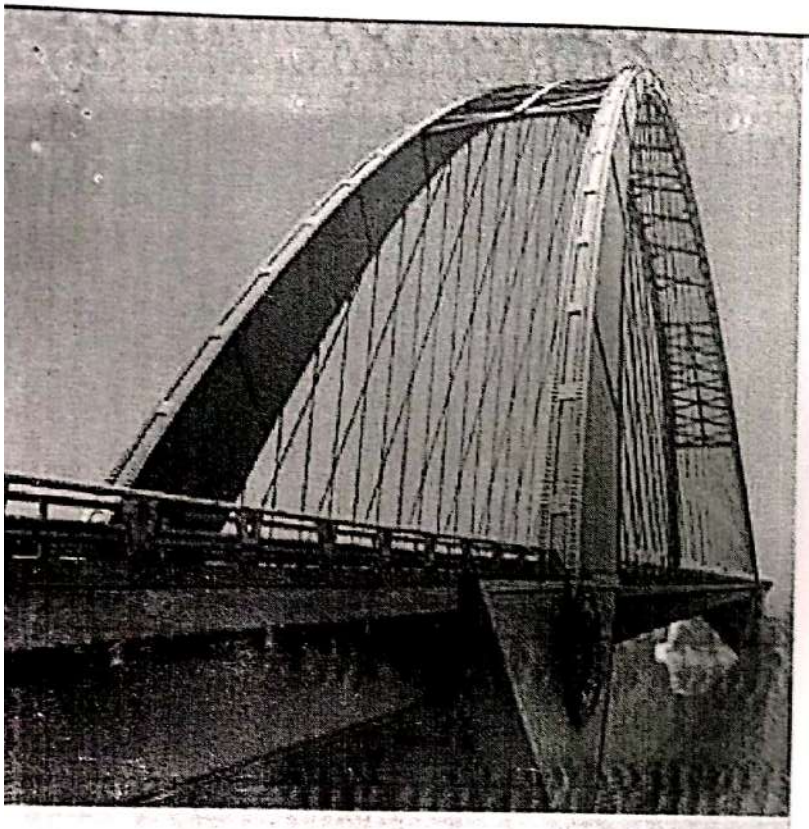
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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : AJITH THOMAS

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD170139601

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

24.01.2018
DATE OF ISSUE

PRINCIPAL
JCT College of Engineering & Technology
PEELAMEDU, Coimbatore - 641 004.

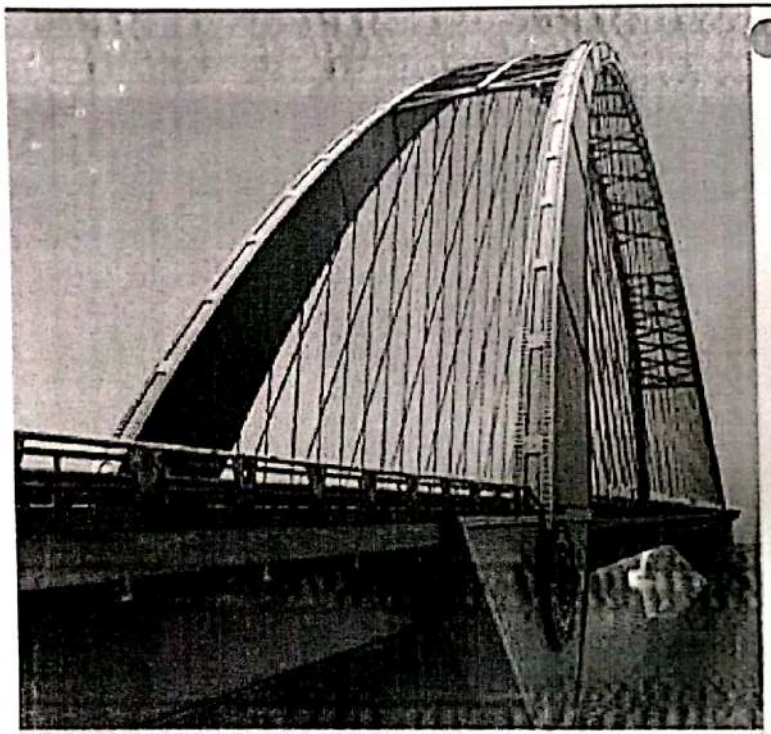
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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : AKASH PAVITHRAN

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD170139602

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

24.01.2018
DATE OF ISSUE

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : ANTO PRINCE L

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO. : IBDI7013960H

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

24.01.2018
DATE OF ISSUE

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REG No: 720914139008
NAME: Ajith Thomas

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

20/20

1. When drawing in 2D, what axis do you NOT work with?
A.X B.Y C.Z D.WCS

2. The primary difference between the Model tab and the Layout tab(s) is ____.
A.the Model tab is used for drawing in 3D and a Layout is used for drawing in 2D
B.the Model tab is where you create the drawing and a Layout tab represents the sheet that you will plot or print on
C.the color of the background
D.the Model tab displays the drawing you are copying from and the Layout tab is where you lay out the new drawing

3. Which command convert discrete objects in polyline
A.Union B.Subtract C.Join D.Polyline

4. To print the entire project, you will choose to regulate what to plot
A. Display B.Extends C.Limits D.Window

5. What is the usefulness of viewports
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REG No: 720914139009
NAME: Akash Pavithran

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

19/20

1. When drawing in 2D, what axis do you NOT work with?
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REG No: 2091939040
NAME: BYJU MBST

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

16/20

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REG No: 7209141390 23
NAME: Anto Prince L

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

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REG No: 720914138041
NAME: Dennis mathew . B

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

18/20

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1. Curricular Aspects (100)				
1.1 Curriculum planning and implementation (20)				
1.1.2 Number of certificate/diploma program introduced during last five years (5)				
2016-2017				
Sl.No	**Name of the Certificate/ diploma introduced in last 5 years**	**Introduced in Curriculum and year**	**Offered for students of Program**	**Signature of HoD**
1	SOLID WORKS	2016-2017	AUTOMOBILE ENGINEERING	
2	CAD COURSE			
3	AUTO CADD	2016-2017	CIVIL ENGINEERING	
4	STADD PRO			
5	CCNA NETWORKING COURSE	2016-2017	COMPUTER SCIENCE AND ENGINEERING	
6	COURSE ON AUTO CAD ELECTRICAL	2016-2017	ELECTRICAL AND ELECTRONICS ENGINEERING	
7	CCNA COURSE			
8	AUTO CAD	2016-2017	PETROCHEMICAL ENGINEERING	
9	FPSO FUNDAMENTAL AND DESIGN	2016-2017	PETROLEUM ENGINEERING	
10	FUNDAMENTALS ON VFD AND MMI			

Principal

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

JCT College of Engineering and Technology

Pitchanur
06.06.2016

To Whomsoever it may concern

We have planned to conduct the following Certificate courses in this academic year 2016-17 for various branches of our institution. **Herewith we are declaring that the below claimed certificate program is not in the main regular curriculum.**

Department	Name of the Certificate
Automobile Engineering	Solid Works
Automobile Engineering	CAD Course
Civil Engineering	Auto CADD
Civil Engineering	STADD PRO
Computer Science And Engineering	CCNA Networking Course
Electrical and Electronics Engineering	CCNA Course
Electrical And Electronics Engineering	Course On Auto CAD Electrical
Petrochemical Engineering	Auto CAD
Petroleum Engineering	FPSO Fundamentals And Design
Petroleum Engineering	Fundamentals On VFD And MMI

Principal

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105

Department of Automobile Engineering

24.01.2017

From

The Head of the Department
Department of Automobile Engineering,
JCT College of Engineering and Technology,
Coimbatore.

To

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

Respected Sir,

Subject: Requisition for your kind approval to conduct a course on **"CAD COURSE"** at our campus-Reg.

The Department of Automobile Engineering has planned to conduct a course on **"CAD COURSE"** for the II Year automobile Students. The details about the program are given for your perusal and approval.

S.NO.	Name of the Event	Company name	Organized by	Date
1	certificate course	CADD Centre,Coimbatore	Department of Automobile Engineering	06.02.2017 to 21.02.2017

Thanking you

HoD/AUTO

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

REGISTERED STUDENTS NAME LIST

Name of the Program: **AUTO CAD**

S.NO	NAME OF THE STUDENT	REMARKS
1	AJITH.U	
2	ANJO ANTONY	
3	ARUN KRISHNA.V	
4	ASIF SHAMEEM	
5	ATHUL KRISHNA.EM	
6	CHRISTIN SAM	
7	DHANABAL.B	
8	DILEEP.B	
9	EBENEZER DOSS.D	
10	GOWTHAM.J	
11	IJAS AHMED	
12	JISTO JAMES	
13	KISHORE.T.S	
14	MARIKUMAR.M	
15	MOHAMMED JASEEM P.T	
16	MUHAMMED ASHIQUE	
17	PRAJOSH.V.B	
18	PRAVEEN KUMAR.R	
19	PREM KUMAR.S	
20	RAGHUL ANAND.R	
21	RAJAT.S.RAMESH	

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

22	RANADEV.K.S	
23	SABARISH.V	
24	SAJITH.M.S	
25	SAKTHIVEL. B	
26	SARATH.S	
27	SAYYID JOWHAR.K.P	
28	SHAKKIR.C.S	
29	SIDHARTH.S.NAIR	
30	YESWANTH.R	
31	ANISH.I	
32	GOKUL.S	
33	INDRAJITH NANDHAN	
34	IYADURAI.S	
35	NIHAL ABDUL KAREEM	
36	ROBIN KC	

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

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PICHANUR, COIMBATORE-641105

TÜV AUSTRIA

Department of Automobile Engineering

CERTIFICATE COURSE ON AUTO CAD

TIME TABLE

DATE	TIMING	TOPIC
06-02-2017 Monday	1.00 pm to 5 pm	Getting started
07-02-2017 Tuesday	1.00 pm to 5 pm	Object Property & Layer Management
08-02-2017 Wednesday	1.00 pm to 5 pm	Drawing Geometry
09-02-2017 Thursday	1.00 pm to 5 pm	Tools for Creating Key Geometry
10-02-2017 Friday	1.00 pm to 5 pm	Tools for Manipulating Geometry
13-02-2017 Monday	1.00 pm to 5 pm	Creating Drawing Sheets
14-02-2017 Tuesday	1.00 pm to 5 pm	Dimensioning and Annotating Drawings
15-02-2017 Wednesday	1.00 pm to 5 pm	Setting Up a Layout
16-02-2017 Thursday	1.00 pm to 5 pm	File Management
17-02-2017 Friday	1.00 pm to 5 pm	Plotting & Printing
20-02-2017 Monday	1.00 pm to 5 pm	Practice Models

PRINCIPAL
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

CIRCULAR

01.06.2017

It is here by informed that the department of Automobile is organizing certificate course on **"AUTO CAD"** from 06-02-2017 to 21-02-2017.All the students are instructed to attend and get benefited.

To be read in:-

1) II Year Auto

HoD/AUTO

Copy to:

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

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

ATTENDANCE SHEET

Name of the Program: **AUTO CAD COURSE**

S.NO	NAME OF THE STUDENT	05/12/17	05/12/17	01/12/17	01/12/17	02/12/17	02/12/17	09/12/17	09/12/17	10/12/17	10/12/17	11/12/17	11/12/17	13/12/17	13/12/17
1	AJITH.U	P	P	A	A	P	P	P	P	A	A	P	P	P	P
2	ANJO ANTONY	P	P	P	P	A	A	A	P	P	P	P	P	P	P
3	ARUN KRISHNA.V	P	P	P	P	P	P	A	P	P	P	P	P	P	P
4	ASIF SHAMEEM	P	P	P	P	P	P	A	P	P	P	P	P	P	P
5	ATHUL KRISHNA.EM	P	P	A	A	P	P	A	P	P	P	P	P	P	P
6	CHRISTIN SAM	P	P	P	P	P	P	P	P	P	A	A	A	P	P
7	DHANABAL.B	P	P	P	P	A	P	P	P	P	P	P	P	A	A
8	DILEEP.B	P	P	P	P	A	P	P	A	A	P	P	P	P	P
9	EBENEZER DOSS.D	P	P	P	P	P	A	P	P	P	A	A	P	P	P
10	GOWTHAM.J	P	P	P	P	P	A	P	P	P	A	A	P	P	P
11	IJAS AHMED	P	P	P	P	P	P	P	P	P	A	A	P	P	P
12	JISTO JAMES	P	P	A	A	P	P	P	P	P	A	A	P	P	P
13	KISHORE.T.S	P	P	P	P	P	P	P	P	P	A	A	P	P	P
14	MARIKUMAR.M	A	A	P	P	P	P	P	P	P	A	A	P	P	P
15	MOHAMMED JASEEM P.T	P	P	P	P	A	P	P	P	P	P	P	P	P	P
16	MUHAMMED ASHIQUE	P	P	A	A	A	P	P	P	P	P	P	P	P	P
17	PRAJOSH.V.B	P	P	A	A	P	P	P	P	P	A	A	P	P	P
18	PRAVEEN KUMAR.R	P	P	P	P	P	P	P	P	P	A	A	A	P	P

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TÜV AUSTRIA

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19	PREM KUMAR.S															
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AutoCAD

1. Getting started
2. Object Property & Layer Management
3. Drawing Geometry
4. Tools for Creating Key Geometry
5. Tools for Manipulating Geometry
6. Creating Drawing Sheets
7. Dimensioning and Annotating Drawings
8. Setting Up a Layout
9. File Management
10. Plotting & Printing

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

Student Feedback

Name of the Student: Gokul. S. Sex (M/F): M

Department: Automobile E-mail Gokulhub@gmail.com

Address: Greenhouse, Green Streets mobile 9605687886

Students are required to rate the courses

Name of the Trainer: M. Basha

[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		✓		

Signature of HOD

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

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Certificate of Completion

Awarded to AJITH.U

Course on AUTOCAD

in

JCT College of Engineering and Technology

at

during 06-02-2017 to 21-02-2017


MECHANICAL CADD


CIVIL CADD


ARCHITECTURAL CADD


PROJECT MANAGEMENT


ELECTRONIC CADD


ELECTRICAL CADD

10-03-2017
Date of Issue

V R Chander
Centre Head

Managing Director

PRINCIPAL

EXCELLENCE IN CAD EDUCATION
CADD CENTRE
#1 CAD COMPANY IN ASIA

CADD CENTRE

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in Course on AUTOCAD

at JCT College of Engineering and Technology

during 06-02-2017 to 21-02-2017


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ARCHITECTURAL CADD


PROJECT MANAGEMENT


ELECTRONIC CADD


ELECTRICAL CADD

10-03-2017
Date of Issue

Centre Head

Managing Director

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in COURSE ON AUTOCAD

at JCT College of Engineering and Technology

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Certificate of Completion

Awarded to GOWTHAM.T

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during 06-02-2017 to 21-02-2017


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PROJECT MANAGEMENT


ELECTRONIC CADD


ELECTRICAL CADD

10-03-2017
Date of Issue

Centre Head

Managing Director

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Awarded to DILEEP.B

in COURSE ON AUTOCAD

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10-03-2017
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Certificate of Completion

Awarded to KISHORE.T.S

in COURSE ON AUTOCAD

at JCT College of Engineering and Technology

during 06-02-2017 to 21-02-2017


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CIVIL CADD


ARCHITECTURAL CADD


PROJECT MANAGEMENT


ELECTRONIC CADD


ELECTRICAL CADD

10-03-2017
Date of Issue

Centre Head

Managing Director

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Mr.M.BASHA

Currently working @ SR.DESIGN ENGINEER, CADD CENTRE, COIMBATORE

WORKING EXPERIENCE

- 7 years of Domain Experience in the field of Fixture Tooling & Product Design & Surfacing possess
  - Experience in part design & surfacing.
  - Suitable material selection for the new products.
  - Support Customers end interaction etc.
  - Experience in advanced CAD tools like Solid works 08 - 2017,NX9, AutoCAD.
  - Experience to actively involve in design activities from conceptitual stage to Design Detailing stages.
  - interact with other CAD like catia V5
  - Knowledge in GD&T, analysis to achieve the design quality.
  - Experience in solving customer complaints through review with Customers through WebEx approach.
- To Design and Develop Automotive fixtures, Plastic surface components, SPM and BIW Hold Devices based on customer requirements using 2D and 3Dsoftware's.
- To support colleague in Part modelling, Assembly, surface design and to select materials for all basic engineering components.
- To develop Modelling and Detailing for Assembly and Parts with exact GD & T Knowledge using both ANSI metric & inches format.
- To prepare fabrication drawings, Isometric drawings, sheet metal drawings, Assembly drawings, weldment configuration and layout drawings with appropriate tolerance and part definitions.

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- Check and review technical documents/drawings, Assembly, Bill of material with customer and to support manufacturing in design.

- Prepare Item Specification, Bill of material, purchase release of new products.

- Prepare Proper Documentation for all Drawings and Documents as per ISO Procedure.

- Tools used for Modeling& Conversions are Catia V5 & Solidworks'17

Area of Specialization

- Product Design
- CAD
- GD&T
- Computer-Aided Design (CAD)
- AutoCAD
- NX Unigraphics
- SolidWorks

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10
15

AUTO CAD QUESTIONS

1. L enter 0,0 @1000<0 @1000<90 @1000<180 @1000<270 What will these commands produce?

- A. Multiple circles
- B. A meter by meter square
- C. Four points randomly placed on the page

2. What tool is used to put a radius on a existing intersection?

- A. Trim
- B. Extened
- C. Ortho
- D. Fillet

3. What tool is used to draw a line parallel to a existing line at a exact distance from it?

- A. Ray
- B. Ortho
- C. Offset
- D. Polyline

4. What type of line is drawn from one to infinity in one direction?

- A. Poly line
- B. Ray line
- C. Construction line
- D. Dashed Line

5. What is the shortcut key for ortho?

- A. F5
- B. Enter
- C. F10
- D. F8
- E. Escape

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6. Does the template set up the machine or does it set up the drawing?

- A.Machine
- B. Drawing

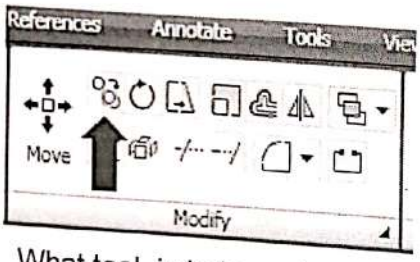
7. A rectangle drawn with the rectangle tool is four separate lines or four lines joined together?

- A. Four lines joined together
- B. Four seperate lines

8. What is a block in Autocad?

- A. A square drawn by four separate lines
- B. A rectangle drawn with the rectangle tool
- C. A drawing that can be reused in the current drawing or brought in from another drawing

9.



What tool is being pointed to in the image?

- A. Copy
- B. Scale
- C. Trim
- D. Offset
- E. Extened

10. To select the centre of a line what option must be selected?

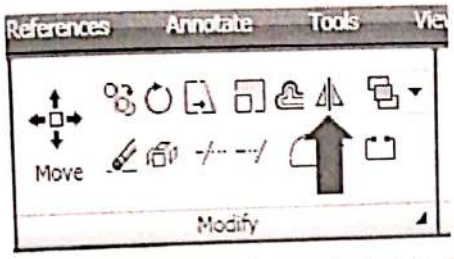
- A. Ortho
- B.Dynamic input
- C. Object snap

11. To draw a horizontal line from right to left what direction would it be?

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- A. 90
- B. 180
- C. 0
- D. 270

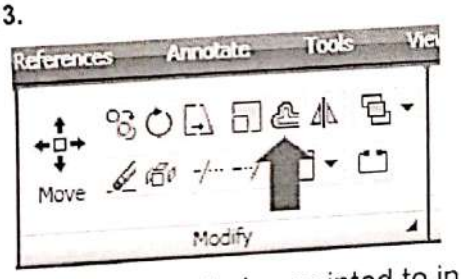
12.



What tool is being pointed to in the image?

- A. Break
- B. Mirror
- C. Offset
- D. Move

13.



What tool is being pointed to in the image?

- A. Copy
- B. Offset
- C. Erase
- D. Trim
- E. Scale

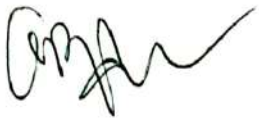
14. Autocad drawings have what extension?

- A. .dwt
- B. .dwg
- C. .doc
- D. .jpg

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15. When selecting with the green marquee does the object need to be touched by the green area or be contained to be selected ?

- A. Contained
- B.Touching



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CADD CENTRE
Driving Digital Designs

STUDENTS EVALUTIONS SHEET

Students name : KISHORE. T.S

Class and year : II year & Automobile

College name : JCT College Engg & Tech

Course detail : Auto CAD

Course duration : 06/02/17 - 21/02/12

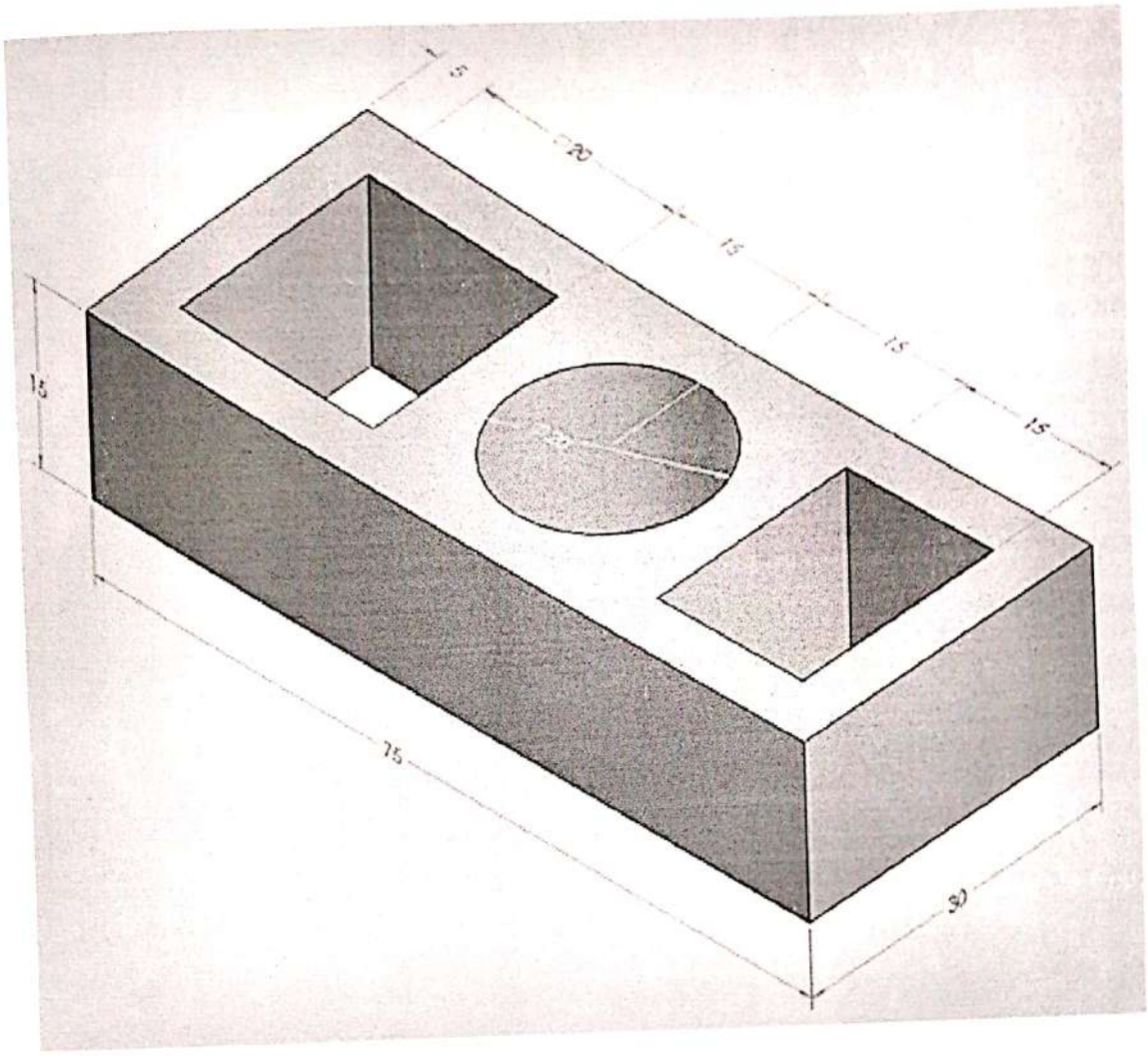
DESCRIPTION	MAX MARKS	OBTAINED MARKS	GRADE
Part Drawing	75	50	A.
Objective type questions	15	10	
Out put	10	10	

Student get 50 marks in Part Drawing

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1. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

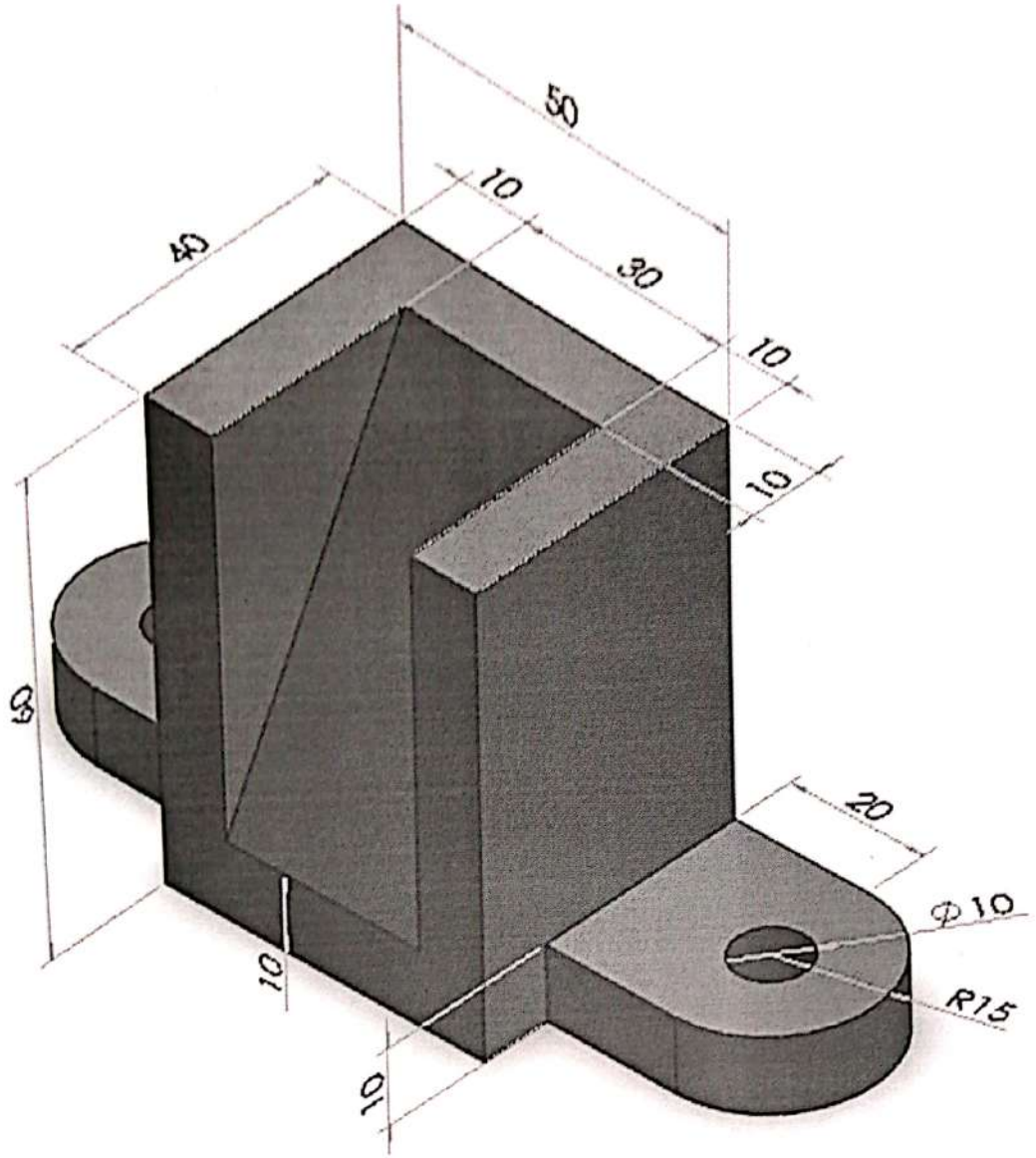
OUTPUT



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2. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

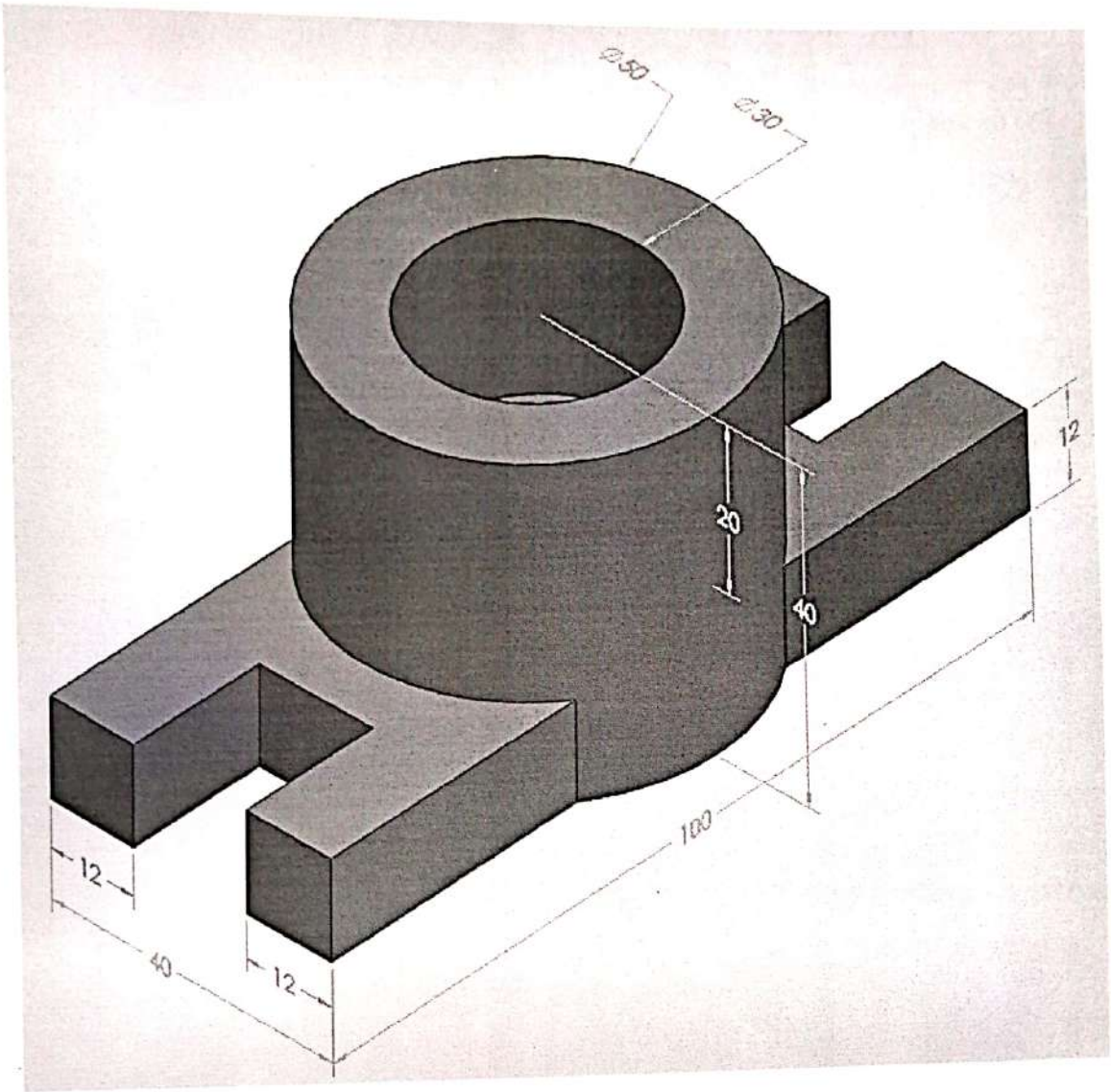
OUTPUT



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3. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

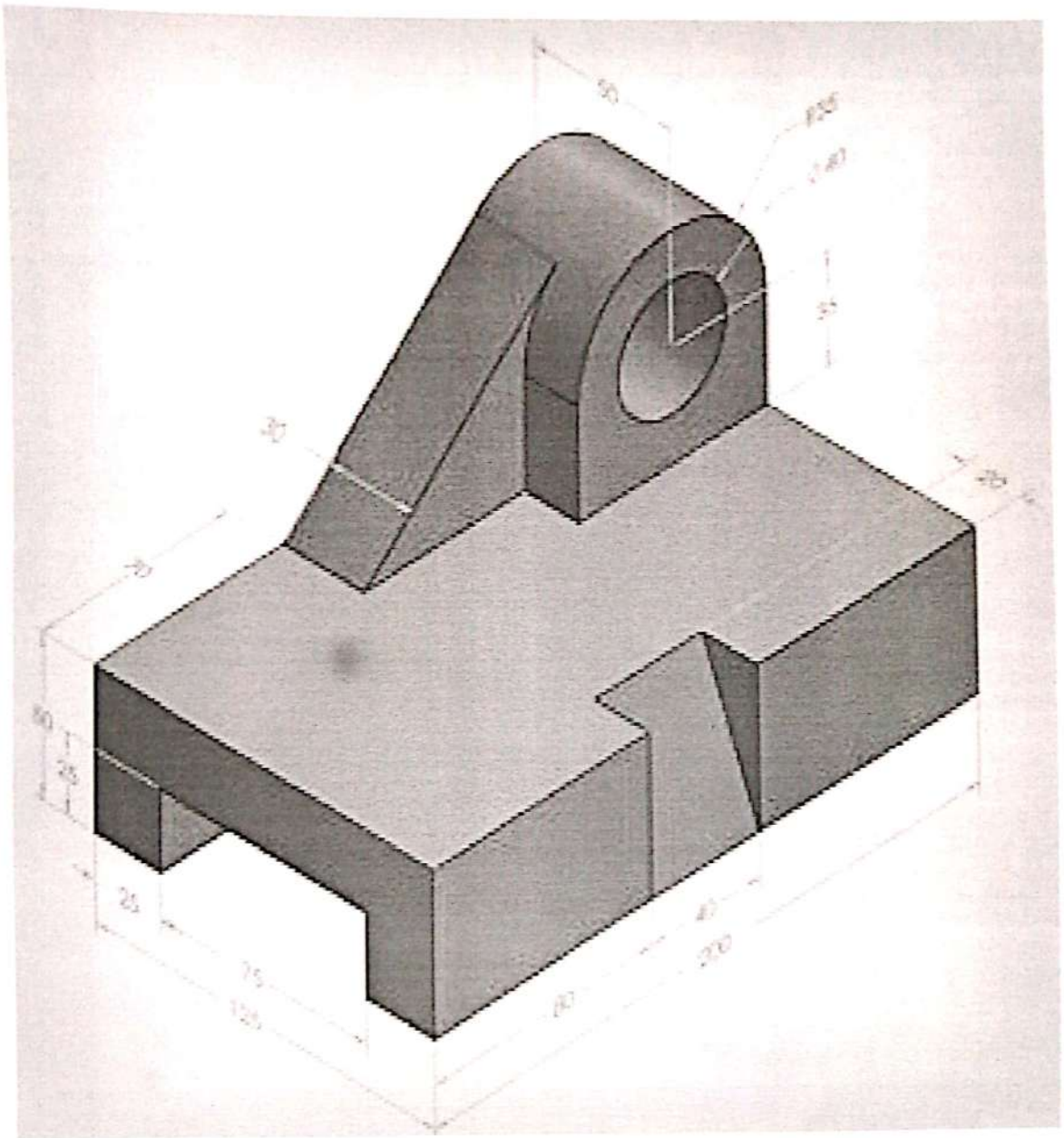
OUTPUT



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4. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

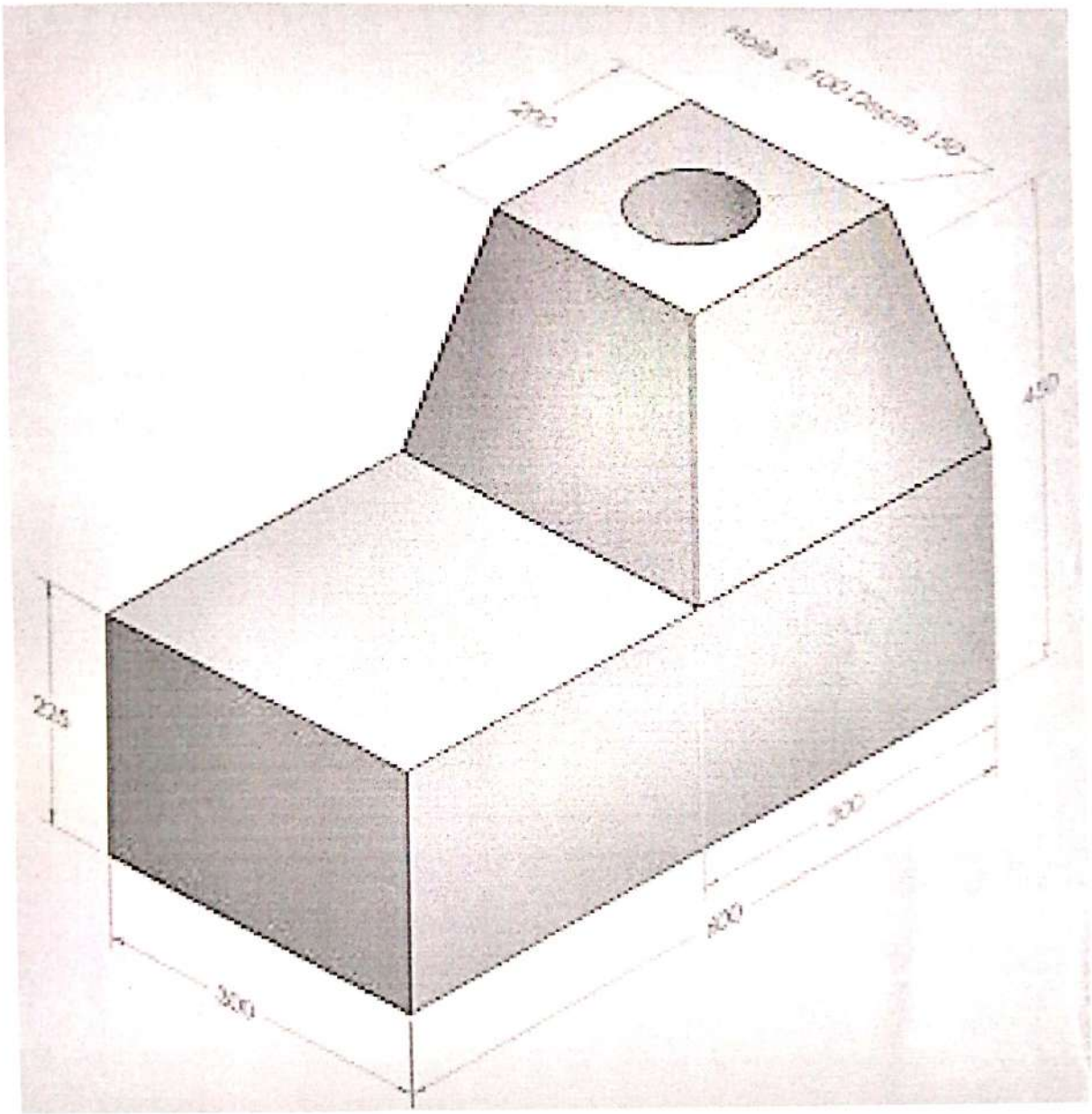
OUTPUT



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5. Draw the any Mechanical component with suitable dimensions by using AUTO CAD software duration time 30 minutes

OUTPUT



Verified

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105

Department of Automobile Engineering

TÜV AUSTRIA

04.03.2016

From

The Head of the Department
Department of Automobile Engineering,
JCT College of Engineering and Technology,
Coimbatore.

To

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

Respected Sir,

Subject: Requisition for your kind approval to conduct a course on **"SOLID WORKS"** at our campus-Reg.

The Department of Automobile Engineering has planned to conduct a course on **"SOLID WORKS"** for the IV Year automobile Students. The details about the program are given for your perusal and approval.

S.NO.	Name of the Event	Company name	Organized by	Date
1	certificate course	ARRIS CADD TECHNOLOGY Coimbatore	Department of Automobile Engineering	20.03.2016 to 05.04.2016

Thanking you

HoD/AUTO

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
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COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

REGISTERED STUDENTS NAME LIST

Name of the Program: **SOILD WORKS**

S.NO	NAME OF THE STUDENT	REMARKS
1	ABHILASH.E	
2	ACHUPRASAD.K.S	
3	ANBARASU.R.B	
4	ANTO NIRMAL.K	
5	ASHOK KUMAR.M	
6	GANESH BABU.D	
7	GAUTHAM.S	
8	IVIN.P.VARGHESE	
9	JISHNU K.V	
10	KRISHNALAL.A.R	
11	MAHENDRAN.V	
12	MAJEESH K.M	
13	MATHUBALAN.P	
14	MAVIN KUMAR.M	
15	MOHAMMED HABEEB.P.A	
16	NAVEEN KUMAR.P	
17	RINSHAD M.K	
18	SACHIN P DEV.S	
19	SAFEEQ.S	
20	SARAVANAN.A	
21	SASIDHARAN.G	
22	SHARUK HANIFA.S	
23	SURYA KUMAR.B	

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Mr.M.SIVA

ABOUT

To achieve high career growth through the continuous learning process to compete technically in accordance with the current scenario.

INDUSTRIAL EXPERIENCE

Design Engineer & Draftsman

CRI Pumps

Dates Employed Sep 2013 – Present

Employment Duration6 yrs 3 mos

Design Engineer at CRI Pumps.

EDUCATION

Birmingham City University

Degree NameMaster's degree

Field Of StudyAutomotive Engineering Technology/Technician

Dates attended or expected graduation2010 – 2012

Anna University - K.S.Rangasamy College of Technology, India

Degree NameBachelor of Engineering (B.E.)

Field Of StudyMechatronics Engineering

Dates attended or expected graduation2005 – 2009

SKILLS & ENDORSEMENTS

1. Teamwork
2. Microsoft Office
3. AutoCAD

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Department of Automobile Engineering

CERTIFICATE COURSE ON SOLID WORKS

TIME TABLE

DATE	TIMING	TOPIC
21-03-2016 Monday	1.00 pm to 5 pm	Introduction of solid works
22-03-2016 Tuesday	1.00 pm to 5 pm	Parts
23-03-2016 Wednesday	1.00 pm to 5 pm	Assemblies
24-03-2016 Thursday	1.00 pm to 5 pm	Simulations
25-03-2016 Friday	1.00 pm to 5 pm	Drawings
28-03-2016 Monday	1.00 pm to 5 pm	Routing wires
29-03-2016 Tuesday	1.00 pm to 5 pm	Basic solid modelling
30-03-2016 Wednesday	1.00 pm to 5 pm	Advance solid modelling
31-03-2016 Thursday	1.00 pm to 5 pm	Finite Element modelling
01-04-2016 Friday	1.00 pm to 5 pm	Solution and postprocessor
04-04-2016 Monday	1.00 pm to 5 pm	Static structural Analysis, Advanced structural analysis
05-04-2016 Tuesday	1.00 pm to 5 pm	practice class

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ARRIS CADD TECHNOLOGY

(A unit of MECHCI-CADD)

Gandhipuram, Coimbatore-641012

25/50

STUDENTS EVALUTION SHEET

Solid works -Objective type questions.

1.____ technique used for visualizing views of an object

- Glass Box
- Taping Down
- Title Block
- T-Square

2.____ is the design of the object that you are creating including detentions

- Weight
- Design Matrix
- Criteria
- T-Square

3.How did old design programs view the model?

- A 2D model in a 2D environment
- A 2D model in a 3D environment
- A 3D model in a 2D environment
- A 3D model in a 3D environment

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Department of Automobile Engineering

24	VISHNU VARDHAN.G	
25	YOGARAJ.P	
26	ANANDHAKUMAR.S	
27	ANSON MATHEW	
28	ARUNKUMAR.S	
29	BHARATHI RAJA.P	
30	FARIS.A.P	
31	HELVIS.P.CLECTUS	
32	JAI GANESH.E	
33	JAVEEN KUMAR.M	
34	JAGADEESH.T	
35	KARTHICK.R	
36	MUHAMMED SENIL.P	
37	MUTHUKUMAR.M	
38	NAVEEN.N	
39	PRAVEEN.T	
40	RAGHUL.B.R	
41	RAMESH.S	
42	REVANTH.V	
43	SAMSON.K.PAUL	
44	SANTHOSH KUMAR.M	
45	SANTHOSH.M	
46	SHAMEEM.K.T	
47	SUDIP MUKHERJEE	
48	SUNIL.K	
49	SURESH KUMAR.L	
50	THANZEER.K.M	

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4. **What is the object called in Solidworks?**

- A design
- A model
- A diagram
- A picture

5. **What is the correct comparison between an Extruded (Revolved, Lofted, Swept) and Extruded Cut (Revolved Cut, Lofted Cut, Swept Cut)?**

- An extruded feature adds material; an extruded cut divides the feature into equal pieces.
- An extruded feature adds material; an extruded cut removes material
- An extruded feature adds material; an extruded cut hurts the material
- An extruded feature demands respect; an extruded cut is submissive to the feature

6. **In an Isometric drawing what angle is used to draw the height of an object?**

- 15
- 30
- 60
- 90

7. **When a part is created what do you need to create to show someone else how to build your object?**

- Create an Assembly
- Go back into sketch mode
- Create a Drawing

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8. Where do names and company information go on a Solidworks drawing?

- Title Block
- On the Object
- You do not want to leave any information about the designer in a drawing
- In every corner of the paper

9. To what should your first sketch be referenced to?

- There is no object present to reference it to
- Origin
- Axis
- Center line

10. To begin a sketch in Solidworks the first thing you must do is?

- Dimension the lines
- Lay out a faint line before darkening in it in.
- Create a set of points that the lines will go through
- Select the plane that you will draw on

11. What sould you do to be able to identify one feature from another feature. For exampl if you had 100 Extruded features.

- Just remember the order you created each part
- Change the color of each feature
- Label each extruded piece with a descriptor of that piece.
- Delete less important extruded features

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8. Where do names and company information go on a Solidworks drawing?

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- Label each extruded piece with a descriptor of that piece.
- Delete less important extruded features

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12.What is our primary sensory channel?

- Seeing
- Imaging
- Representing
- Hearing

13.In an isometric drawing what angle is used to draw the width and depth of an object?

- 15
- 30
- 45
- 90

14.In an Assembly what tool should be used to create connections between different parts?

- Relations
- Mates
- Glues
- Connections

15.Once you are finished with your sketch the next step is to click on what?

- The Red X
- Features Tab
- Exit Sketch
- None of the above

Based on the objective test Questions. Students get 50 marks is must

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

CIRCULAR

17.03.2016

It is here by informed that the department of Automobile is organizing certificate course on **"SOLID WORKS"** from 20-03-2016 to 05-04-2016.All the students are instructed to attend and get benefited.

To be read in:-

1) IV Year Auto

HoD/AUTO

Copy to:

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

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Department of Automobile Engi
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Pichanur, Coimbatore-64

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TÜV AUSTRIA

Department of Automobile Engineering

ATTENDANCE SHEET

Name of the Program: **SOILD WORKS**

S.NO	NAME OF THE STUDENT	24/3/14	25/3/14	22/3/14	27/3/14	29/3/14	31/3/14	2/3/14	3/3/14	4/4/14	5/4/14	7/4/14	8/4/14	9/4/14	10/4/14
1	ABHILASH.E	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	ACHUPRASAD.K.S	/	/	a	a	a	/	/	/	/	/	/	/	/	/
3	ANBARASU.R.B	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	ANTO NIRMAL.K	/	/	/	a	a	/	/	a	a	a	a	/	/	/
5	ASHOK KUMAR.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	GANESH BABU.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	GAUTHAM.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	IVIN.P.VARGHESE	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	JISHNU K.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	KRISHNALAL.A.R	/	a	/	/	a	/	/	a	/	/	/	/	/	/
11	MAHENDRAN.V	/	a	/	/	/	/	/	/	/	/	/	a	a	/
12	MAJEESH K.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	MATHUBALAN.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	MAVIN KUMAR.M	/	/	a	a	a	/	/	/	/	/	/	/	/	/
15	MOHAMMED HABEEB.P.A	a	/	/	/	/	/	/	/	/	/	/	a	/	/
16	NAVEEN KUMAR.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	RINSHAD M.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	SACHIN P DEV.S	/	/	/	/	/	/	a	a	a	a	/	/	/	/
19	SAFEEQ.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	SARAVANAN.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	SASIDHARAN.G	/	/	a	a	/	/	/	/	/	/	/	/	/	a

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

22	SHARUK HANIFA.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	SURYA KUMAR.B	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	VISHNU VARDHAN.G	/	a	a	/	/	/	/	/	/	a	/	/	/	/
25	YOGARAJ.P	/	a	a	a	a	a	/	/	/	/	/	/	/	/
26	ANANDHAKUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	ANSON MATHEW	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	ARUNKUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	BHARATHI RAJA.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	FARIS.A.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	HELVIS.P.CLECTUS	/	/	/	/	/	/	/	/	/	/	a	a	a	a
32	JAI GANESH.E	/	/	/	/	/	/	/	/	/	/	/	/	a	/
33	JAVEEN KUMAR.M	/	a	/	/	a	/	/	/	/	/	a	a	a	/
34	JAGADEESH.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	KARTHICK.R	/	/	/	/	a	/	/	/	/	/	/	/	/	/
36	MUHAMMED SENIL.P	/	/	/	a	/	/	/	/	/	/	/	a	a	a
37	MUTHUKUMAR.M	a	/	/	/	/	/	/	/	/	/	/	/	/	/
38	NAVEEN.N	a	/	/	/	a	/	a		a	/	a	/	/	
39	PRAVEEN.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40	RAGHUL.B.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41	RAMESH.S	/	/	/	/	a	a	a	/	/	/	/	/	/	/
42	REVANTH.V	/	/	/	/	/	/	a	/	/	/	/	/	/	/
43	SAMSON.K.PAUL	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44	SANTHOSH KUMAR.M	/	/	/	/	a	a	a	a	a	/	/	/	/	/

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COIMBATORE 641 105

Department of Automobile Engineering

45	SANTHOSH.M	/	/	/	/	/	/	/	/	/	/	a	a	a	a
46	SHAMEEM.K.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47	SUDIP MUKHERJEE	/	/	/	/	a	a	a	a	a	/	/	/	/	/
48	SUNIL.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49	SURESH KUMAR.L	/	/	/	/	/	/	/	a	a	a	a	a	/	/
50	THANZEER.K.M	/	a	/	/	/	/	/	a	/	/	/	a	/	/

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

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SYLLABUS FOR SOLIDWORKS

1. Introduction
2. Parts
3. Assemblies
4. Simulations
5. Drawings
6. Routing Wires
7. Basic Solid Modeling
8. Advanced Solid Modeling
9. Finite Element Modeling (FEM) I
10. Finite Element Modeling (FEM) II
11. Solution And Postprocessor
12. Static Structural Analysis
13. Advanced Structural Analysis (Dynamic And Nonlinear)

Department of Automobile Engineering
JCT College of Engineering and Technology
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

Department of Automobile Engineering

Student Feedback

Name of the Student: Santhosh-M Sex (M/F): M

Department: BE Automobile E-mail santhosh123@gmail.com

Address: Anthanamolary, Chennai-95. mobile 9605967577.

Students are required to rate the courses

Name of the Trainer: M-Siva.

[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	✓			

Signature of HOD

HEAD OF THE DEPT

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ARRIS CADD TECHNOLOGY

(A UNIT OF MECHCI-CADD)

243, Sowma Complex, 2nd Floor, Above Bata Showroom, Gandhipuram,
Coimbatore - 641 012. Ph : 0422 - 6527777, E-mail : arriscadd@gmail.com

Certificate of Completion

CAD/CAM/CAE/Engineering Training

Awarded to Mr/Ms : **ABHILASH.E**

for proficiency in **SOLID WORKS**

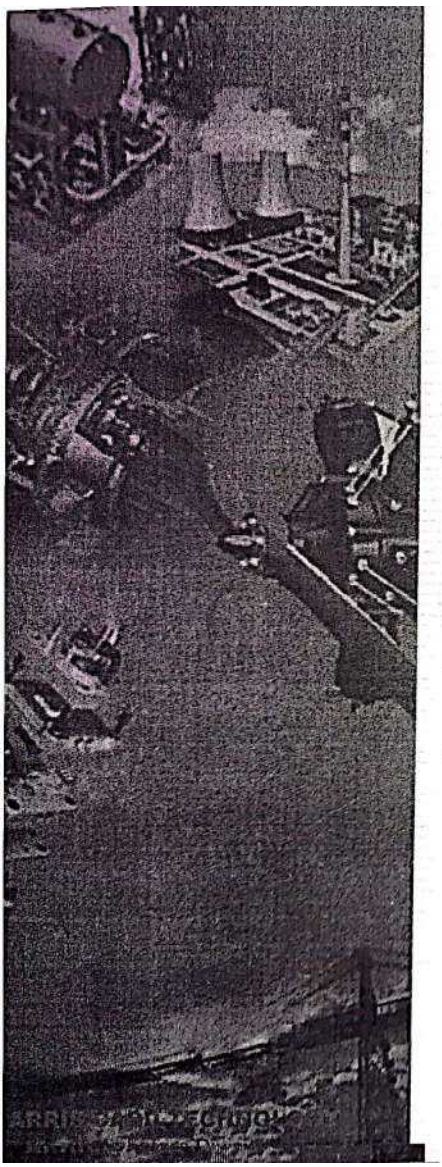
period from **20-03-2016** *to* **05-04-2016**

Date of issue : **22-05-2016** *Venue :* **JCT College ofEngg and Tech**

Grade : **A** *Regn. No :* **SD/AE/01**

Cert.No. . **2/AE/11**

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243, Sowma Complex, 2nd Floor, Above Bata Showroom, Gandhipuram, Coimbatore - 641 012. Ph : 0422 - 6527777, E-mail : arriscadd@gmail.com

Certificate of Completion

CAD/CAM/CAE/Engineering Training

Awarded to Mr/Ms : GANESH BABU.D

for proficiency in SOLID WORKS

period from 20-03-2016 *to* 05-04-2016

Date of issue : 22-05-2016 *Venue :* JCT College of Engg and Tech

Grade : A *Regn. No :* SD/AE/02

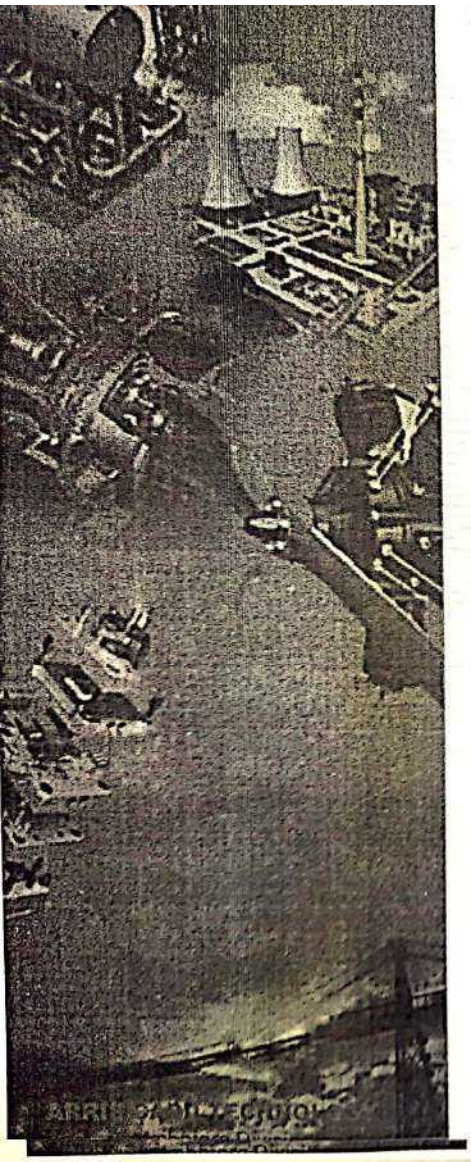
Cert.No. . 2/AE/12

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

Centre Head

Educational Directo

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243, Sowma Complex, 2nd Floor, Above Bata Showroom, Gandhipuram,
Coimbatore - 641 012. Ph : 0422 - 6527777, E-mail : arriscadd@gmail.com

Certificate of Completion

CAD/CAM/CAE/Engineering Training

Awarded to Mr/Ms : GAUTHAM.S

for proficiency in SOLID WORKS

period from 20-03-2016 *to* 05-04-2016

Date of issue : 22-05-2016 *Venue :* JCT College of Engg and Tech

Grade : A *Regn. No :* SD/AE/105

Cert.No. . 2/AE/16

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Centre Head

Educational Directo

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ARRIS CADD TECHNOLOGY

(A UNIT OF MECHCI-CADD)

243, Sowma Complex, 2nd Floor, Above Bata Showroom, Gandhipuram, Coimbatore - 641 012. Ph : 0422 - 6527777, E-mail : arriscadd@gmail.com

Certificate of Completion

CAD/CAM/CAE/Engineering Training

Awarded to Mr/Ms : SAFEEQ.S

for proficiency in SOLID WORKS

period from 20-03-2016 *to* 05-04-2016

Date of issue : 22-05-2016 *Venue :* JCT College of Engg and Tec

Grade : A *Regn. No :* SD/AE/105

Cert.No. 2/AE/15

Centre Head

Educational Direct

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243, Sowma Complex, 2nd Floor, Above Bata Showroom, Gandhipuram, Coimbatore - 641 012. Ph : 0422 - 6527777, E-mail : arriscadd@gmail.com

Certificate of Completion

CAD/CAM/CAE/Engineering Training

Awarded to Mr/Ms : SARAVANAN.A

for proficiency in SOLID WORKS

period from 20-03-2016 *to* 05-04-2016

Date of issue : 22-05-2016 *Venue :* JCT College of Engg and Tech

Grade : A *Regn. No :* SD/AE/04

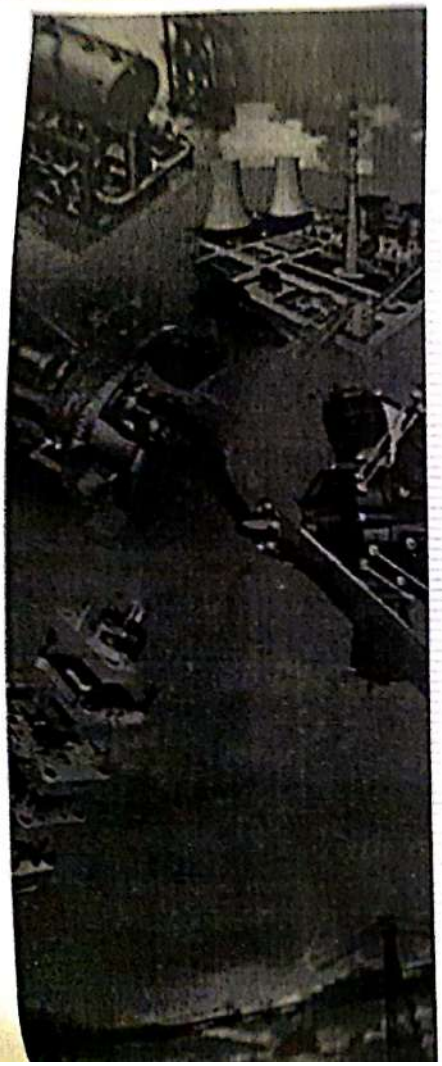
Cert.No. . 2/AE/14

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

Centre Head

Educational Direct

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ARRIS CADD TECHNOLOGY

(A UNIT OF MECHCI-CADD)

243, Sowma Complex, 2nd Floor, Above Bata Showroom, Gandhipuram, Coimbatore - 641 012. Ph : 0422 - 6527777, E-mail : arriscadd@gmail.com

Certificate of Completion

CAD/CAM/CAE/Engineering Training

Awarded to Mr/Ms : JISHNU. K.V

for proficiency in SOLID WORKS

period from 20-03-2016 *to* 05-04-2016

Date of issue : 22-05-2016 *Venue :* JCT College of Engg [illegible]

Grade : A *Regn. No :* 3D/AE/03

Cert.No. . 2/AE/13

Educational Officer

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JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 05/12/2016

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. These courses are conducted by CADD Technologies from 12/12/2016 to 20/12/2016.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

(Prof.A.Kumar)
HoD/Civil

6/12/16

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

AUTO CAD - TRAINING PROGRAMME

Year/Sem: II/III

PROGRAMME SCHEDULE

S.No	Date	Tsime	Topic	Handled By
1	12.12.2016	10.00 AM to 12.30 PM	AutoCAD CAD History, Drawing Templates, Standards Based Design	Mr.Varunkumar & Mr. Murugesh
		1.30 PM to 4.00 PM	Object Property & Layer Management	
2	13.12.2016	9.30 AM to 12.0 PM	Tools for Creating Key Geometry	Mr. Murugesh
		1.30 PM to 4.00 PM	Dimensioning and Annotating Drawings	
3	14.12.2016	9.30 AM to 12.30 PM	Setting Up a Layout	Mr. Murugesh
		1.30 PM to 4.00 PM	Model plan prepartion	
4	15.12.2016	9.30 AM to 12.30 PM	File Plotting Management	Mr. Murugesh
		1.30 PM to 4.00 PM		
5	16.12.2016	9.30 AM to 12.30 PM	Plan & Section preparation for 2BHK	Mr.Tharunkumar
		1.30 PM to 4.30 PM		
6	17.12.2016	9.30 AM to 12.30 PM	Plan, Section & Elevation of a sample Residential Building	Mr.Tharunkumar
		1.30 PM to 4.30 PM		
7	19.12.2016	9.30 AM to 12.30 PM	The AutoCAD Civil 3D Interface	Mr.Tharunkumar
		1.30 PM to 4.30 PM		
8	20.12.2016	9.30 AM to 01.00 PM	Doubt clearing session	Mr.Varunkumar

HOD/Civil

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Pichanur, Coimbatore - 641105

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16-17

JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

Year / Sem : II/ III

S.NO	REG.NO	NAME
1	720915103001	ABDUL RAHIMAN. P.H
2	720915103002	ADHUL PRAKASH
3	720915103003	AFSAL. P
4	720915103004	AKHIL. R
5	720915103005	AKSHAY. P.S
6	720915103006	AKSHAY DEV. A
7	720915103007	ALI MISHAB. E.C
8	720915103008	AMRITHESWARI. A.F
9	720915103009	ANIL KUMAR. A
10	720915103010	ANIRUDH. A
11	720915103011	ANJANA PRATHEEP
12	720915103012	BASIL BIJU
13	720915103013	BINCY. U.I
14	720915103014	BINOJ VARGHESE
15	720915103015	DANISH. PK
16	720915103016	ELAYAVENDAN. V
17	720915103017	FATHIMATH NESRIN
18	720915103018	GOKUL. K
19	720915103019	HARI G.S
20	720915103020	HARASH. S
21	720915103021	HIBA BASHEER
22	720915103022	INBARASAN. M
23	720915103023	INFANT RICHARD. J
24	720915103024	JOSE ANISH. A
25	720915103025	MASHHOR MOHAMED. C.C
26	720915103027	MUHAMMED SHAMEER. I
27	720915103028	MUHAMMED.P.P
28	720915103029	MUHAMMED SAHIL. P.C
29	720915103030	MUTHURAJA. V
30	720915103031	PAULSON FERNANDEZ.M
31	720915103032	PUGAZHENTHI. R
32	720915103033	RAM KUMAR. A
33	720915103034	RASHID. S
34	720915103035	RENJITH. H
35	720915103036	SAFEEK. A
36	720915103037	SARANG
37	720915103039	TIJO. P.TOM MATHEW
38	720915103301	ASHIK
39	720915103302	BABIN.T.B
40	720915103303	BOOPATHY.V
41	720915103305	MIBIN SABARINATH
42	720915103306	POOVARASAN.M
43	720915103307	SHRUTHI
44	720915103308	SURYA.R
45	720915103309	VIVEK.P.V

HOD/CIVIL

16-17

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

AUTO CAD TRAINING

STUDENTS ATTENDANCE SHEET

S.No.	Reg. No.	Name of the Student	12/12	13/12	14/12	15/12	16/12	17/12	19/12	20/12
1.	720915103001	ABDUL RAHIMAN. P.H	1	1	1	1	1	1	1	1
2.	720915103004	AKHIL. R	1	a	a	1	1	1	1	1
3.	720915103005	AKSHAY. P.S	a	1	1	1	a	1	1	a
4.	720915103008	AMRITHESWARI. A.F	1	1	1	1	1	a	1	1
5.	720915103009	ANIL KUMAR. A	1	a	1	1	1	1	a	a
6.	720915103011	ANJANA PRATHEEP	1	1	1	1	1	1	1	1
7.	720915103013	BINCY. U.I	1	1	1	a	1	a	1	1
8.	720915103014	BINOJ VARGHESE	1	1	1	1	1	a	a	1
9.	720915103015	DANISH. PK	a	1	1	1	1	1	1	1
10.	720915103016	ELAYAVENDAN. V	1	1	1	1	1	1	1	1
11.	720915103018	GOKUL. K	a	1	1	1	1	1	1	1
12.	720915103019	HARI G.S	1	a	a	a	a	1	1	1
13.	720915103020	HARASH. S	1	1	1	1	1	1	1	1
14.	720915103021	HIBA BASHEER	1	1	1	1	1	a	a	a
15.	720915103022	INBARASAN. M	1	1	1	a	1	1	1	1
16.	720915103024	JOSE ANISH. A	1	1	1	1	1	1	1	1
17.	720915103025	MASHHOR MOHAMED. C.C	1	1	a	1	1	1	1	1
18.	720915103027	MUHAMMED SHAMEER. I	1	1	1	1	1	1	1	1
19.	720915103028	MUHAMMED.P.P	1	1	1	1	1	1	1	1
20.	720915103030	MUTHURAJA. V	1	1	1	1	a	1	1	a
21.	720915103031	PAULSON FERNANDEZ.M	1	a	1	1	a	1	a	1
22.	720915103032	PUGAZHENTHI. R	1	1	1	1	1	1	a	1
23.	720915103035	RENJITH. H	1	1	1	1	1	1	1	1
24.	720915103036	SAFEEK. A	1	1	1	1	1	a	1	1
25.	720915103037	SARANG	1	1	1	1	1	1	1	1
26.	720915103039	TIJO. P.TOM MATHEW	1	1	1	1	1	1	1	1
27.	720915103301	ASHIK	a	a	1	a	1	1	1	1
28.	720915103303	BOOPATHY.V	1	1	1	a	1	1	a	1
29.	720915103305	MIBIN SABARINATH	1	a	a	1	1	1	1	1
30.	720915103306	POOVARASAN.M	1	a	a	1	1	1	1	1
31.	720915103307	SHRUTHI	1	1	1	1	1	1	1	a
32.	720915103308	SURYA.R	1	1	1	1	1	1	1	1
33.	720915103309	VIVEK.P.V	1	1	1	1	1	1	1	1

Faculty In-charge

HoD

CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Civil Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
- Construction Lines
- Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

AutoCAD 3D
Chapter 1: The AutoCAD Civil 3D Interface
AutoCAD Civil 3D GUI
AutoCAD Civil 3D
Toolspace AutoCAD Civil
3D Panorama Workshops

Chapter 2: Project Management
AutoCAD Civil 3D
Projects Sharing Data
Using Data Shortcuts for Project Management

Chapter 3: Parcels
Lines and curves
Introduction to Parcels
Creating and Editing Parcels
Parcel Reports, Labels, Tables

Chapter 4: Survey
Survey Workflow
Overview Survey Figures
Points
Importing Survey
Data Point Groups

Chapter 5: Surfaces

Surface Processes
Surface Properties
Contour Data
Other Surface Data
Breaklines and Boundaries
Surface Labels
Surface Volume Calculations
Surface Analysis Display

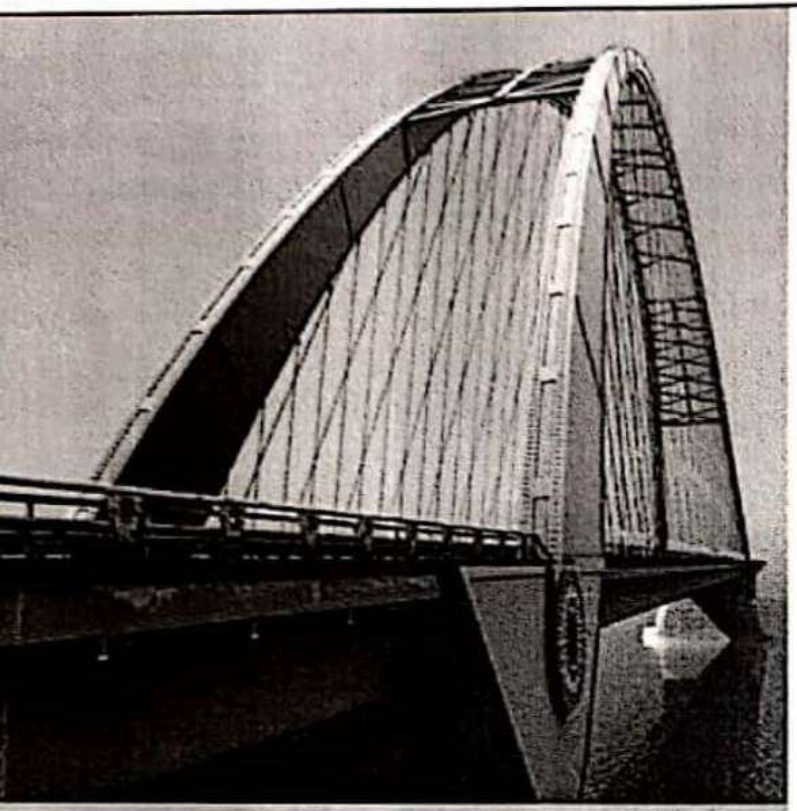
Chapter 6: Alignments
Introduction to Alignments
Alignment Properties
Labels and Tables

Chapter 7: Profiles
Create a Profile View Style
Create Profiles from Surface
Create Profile Wizard
Create and Edit Profiles

Chapter 8: Corridors
Assembly Overview
Modifying Assemblies
Creating Corridor and it's
properties Corridor Surfaces
Visualization

Chapter 9: Grading, Pipe Networks
Feature Lines
Grading Tools
Modifying Grading
Pipe Configuration
Creating Networks
Editing Piping Networks
Annotating Pipe Networks

Chapter 10: Plan Production
Plan Production Tools
Plan Production Objects
Creating Sheets
Sheet Sets



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CERTIFICATE OF COMPLETION

IN : **Auto CAD**

AWARDED TO : **ABDUL RAHIMAN P H**

AT : **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DURING : **45 Hours** STUDENT ID NO.: **DCA1700153678**

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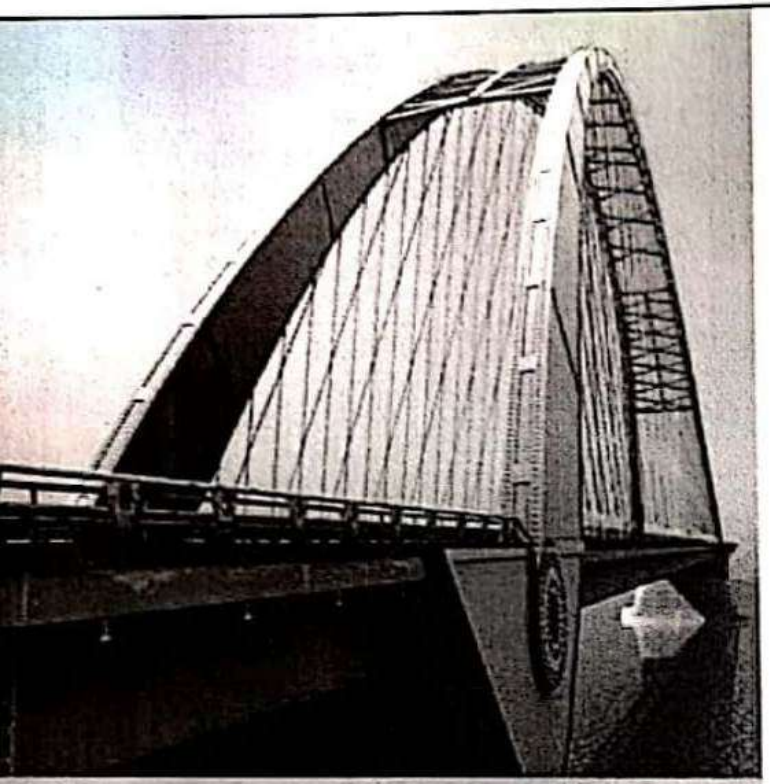
MANAGING DIRECTOR	CENTRE HEAD	DATE OF ISSU
	VARUNKUMAR M	23rd FEB 2017

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JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

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IN : Auto CAD

AWARDED TO : AKHIL R

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: DCA1700153679

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AWARDED TO : AKSHAY P S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: DCA1700153680

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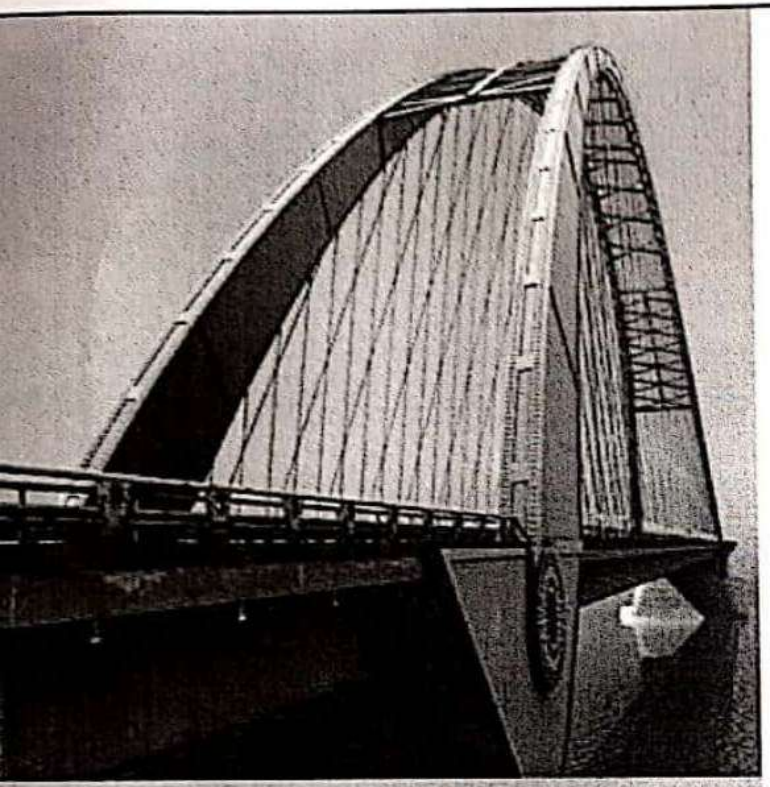
MANAGING DIRECTOR	VARUNKUMAR M	23rd FEB 2017
	CENTRE HEAD	DATE OF ISSUE

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JCT College of Engineering & Technology
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AWARDED TO : AMRITHESWARI A F

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: DCA1700153681

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

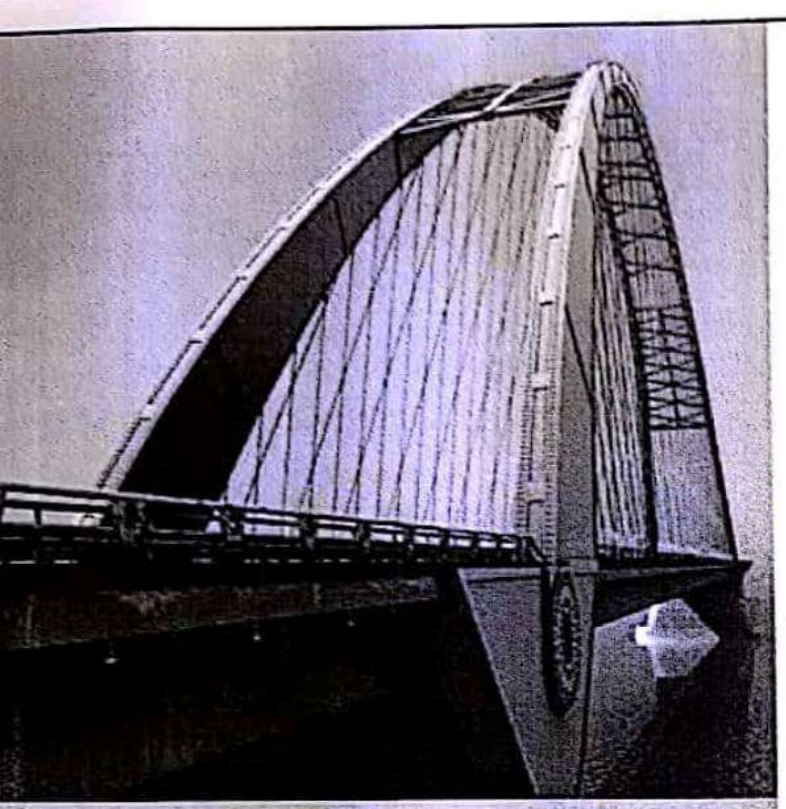
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IN : **Auto CAD**

AWARDED TO : **ANIL KUMAR A**

AT : **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DURING : **45 Hours** STUDENT ID NO.: **DCA1700153682**

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VARUNKUMAR M
CENTRE HEAD

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AUTOCADD TRAINING COURSE

1. Can ceiling be sloped using the ceiling tool?
   a. Yes
   b. No

2. Which wall parameter is not an Instance Parameter?
   a. Location Line
   b. Function
   c. Base Offset
   d. Room Bounding

3. Which one of the following is a System Family only editable in the project environment?
   a. Doors
   b. Ceilings
   c. Windows
   d. Columns

4. All model & an notation family default come with _
   a. Level
   b. Reference line
   c. 30View
   d. Reference planes

5. Indicate which statement about sheets is false:
   a. You can delete a title block from a sheet
   b. You can drag a view from the Project Browser onto a sheet
   c. You can place model views only on one sheet
   d. You can delete all the view ports ona sheet
   e. View ports cannot be scaled on a sheet

6. If you convert an existing wall to a curtain wall, what happens to any doors or windows that are placed in the selected wall?
   a. They remain
   b. They are deleted
   c. They are converted to curtain entities
   d. You cannot convert existing walls to curtain walls

7. Area is usable space that is defined by boundary lines
   a. True
   b. False

8. You specify a start point for the element, start sketching in the desired direction, type the exact dimension desired, and press Enter.This is called
   a. Auto dimensioning
   b. Listening dimension
   c. Manual dimension

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9. You create constraints by
   a. Right click on item and click on constraints
   b. Placing dimensions and locking them
   c. Click on constraints button in the tab panel
   d. Creating equality constraints

10. A detail line is like a model line in that it is visible in all views
   a. True
   b. False

11. Element properties are the combination of
   a. Model properties
   b. Instance properties
   c. Structural properties
   d. Component properties e.
   Type properties

12. Grids are
   a. Parameter elements
   b. Datum elements
   c. Type elements
   d. Category elements

13. You create nested families using the
   a. Graphics display
   b. Family editor c.
   Options bar
   d. Properties palette

14. Typical phases include:
   a. Existing construction
   b. Demolition
   c. Pre-construction
   d. Remodeling
   e. New construction

15. A straight reference line has how many planes to sketch on?
   a. One
   b. Two
   c. Three
   d. Four

16. Shared parameters can be shared between families but not between projects
   a. True
   b. False

17. How do you define different wall thicknesses at different heights?(maybe more than one answer)
   a. Make a multi layered wall
   b. Use type properties
   c. Use stacked wall types

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d. Change the in stance properties
e. All of the above

18. Benefits of work sharing:
    a. Can control visibility of groupings of building componentse.g.building skin, core, int.walls, without having to use temporary view settings or control visibility manually.
    b. Closing work sets on or off as needed removes the unused ones from active memory which will result in better computer performance
    c. You can quickly take permission of entire workset and all the elements contained within at one time.
    d. All of the above

19. How do you select your starting view for your workset?
    a. From the Properties Palette
    b .Collaborate> Workset> Select View
    c. View> (select a view from that tab)
    d. Manage Project>Starting View

20. Can you make a region that is not a closed loop?
    a. Yes
    b. No

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FEEDBACK FORM

This ***Training Evaluation Feedback Form*** is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

1. **How did you attend this training?** *(check all that apply)*
   - [x] As an instructor/facilitator
   - [ ] As a trainee in a group setting
   - [ ] As a Web-based training in a group setting
   - [ ] As a self-paced Web-based training
   - [ ] Other *(describe)*:

2. **Was this training?**
   - [x] Required
   - [ ] Optional

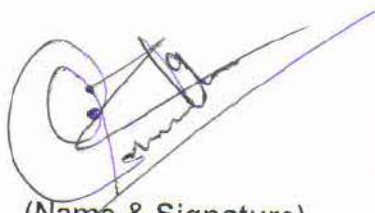
3. **Based on the training course description, how did your learning experience compare to what you expected when you began the training.** *(check only one)*
   - [x] Learned much more than I expected.
   - [ ] Learned somewhat more than I expected.
   - [ ] Learned as much as I expected.
   - [ ] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
   - [ ] Learned nothing new.

4. **Please rate how well this training program met your expectations in the following areas:**

	One of the Worst	Below Average	Average	Above Average	One of The Best
Course content			✓		
Course materials				✓	
Presentation style					✓
Joint exercise content	✓				
Open discussions		✓			
Availability of support materials					✓
Other: *(describe)*:			✓		

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [ ] Definitely
   - [x] Probably
   - [ ] Not certain
   - [ ] Probably not
   - [ ] Definitely not

6. **Comments:**



(Name & Signature)

FEEDBACK FORM

This *Training Evaluation Feedback Form* is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

1. **How did you attend this training?** *(check all that apply)*
   - [ ] As an instructor/facilitator
   - [ ] As a trainee in a group setting
   - [ ] As a Web-based training in a group setting
   - [x] As a self-paced Web-based training
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2. **Was this training?**
   - [ ] Required
   - [x] Optional

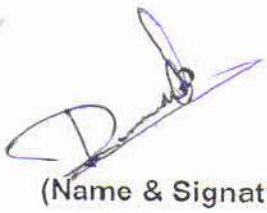
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   - [ ] Learned somewhat more than I expected.
   - [x] Learned as much as I expected.
   - [ ] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
   - [ ] Learned nothing new.

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Course content			✓		
Course materials		✓			
Presentation style			✓		
Joint exercise content				✓	
Open discussions					✓
Availability of support materials			✓		
Other: *(describe)*:		✓			

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [ ] Definitely
   - [ ] Probably
   - [ ] Not certain
   - [x] Probably not
   - [ ] Definitely not

6. **Comments:**



(Name & Signature)

JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 05/12/2016

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. These courses are conducted by CADD Technologies from 12/12/2016 to 20/12/2016.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

(Prof.A.Kumar)
HoD/Civil

6/12/16

JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

AUTO CAD - TRAINING PROGRAMME

PROGRAMME SCHEDULE **Year/Sem: III/V**

S.No.	Date	Time	Topic	Handled by
1	12.12.2016	10.00 am to 12.30 pm	Introduction about STAAD.Pro.	Mr.Varunkumar & Mr.Saravanan
		1.30 pm to 4.30 pm	Stadd. Pro Settings	
2	13.12.2016	9.30 am to 12.0 pm	Creating Load Combinations	Mr.Saravanan
		1.30 pm to 4.30 pm		
3	14.12.2016	9.30 am to 12.30 pm	Assigning Properties, Supports, Loads	Mr.Saravanan
		1.30 pm to 4.30 pm		
4	15.12.2016	9.30 am to 12.30 pm	Model Analysis of Beam	Mr.Varunkumar,
		1.30 pm to 4.30 pm		
5	16.12.2016	9.30 am to 12.30 pm	Analysis of Simply Supported Beam & Framed Structure	Mr.Saravanan
		1.30 pm to 4.30 pm		
6	17.12.2016	9.30 am to 12.30 pm	Analysis of Framed Structure Including Slabs	Mr.Saravanan
		1.30 pm to 4.30 pm		
7	19.12.2016	9.30 am to 12.30 pm	Beam Design	Mr.Varunkumar
		1.30 pm to 4.30 pm		
8	20.12.2016	9.30 am to 12.30 pm	Column Design	Mr.Saravanan
		1.30 pm to 4.00 pm		

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DEPARTMENT OF CIVIL ENGINEERING
Year / Sem : III/ V

S.NO	REG.NO	NAME
1	720914103001	AJITH KUMAR.R
2	720914103002	ANISH JEBARAJ.A
3	720914103004	ARUN KUMAR.V
4	720914103005	ARUN KUMAR.S
5	720914103006	DANESH.S
6	720914103007	DEVIPRIYA.M
7	720914103008	HARISESHAN.U
8	720914103009	KALAIMANI.M
9	720914103010	MANIKANDAN.K
10	720914103011	MOHAMMED MOOSA.S
11	720914103012	MOHAMED THAMIMUL
12	720914103013	MOHAMMED ASLAM
13	720914103014	MOHAMMED MUBASHEER.K
14	720914103015	MOHAMMED NIYAS.V.P
15	720914103016	PRABAVATHI.M
16	720914103017	PRASEELA PRASANTH
17	720914103018	RAGUNATH.M
18	720914103019	RAJAMANI.R
19	720914103020	RAMEEZ.K
20	720914103021	REEVIE CIBRIYAN .J
21	720914103022	SAYUJ.S
22	720914103023	SELVENDIRAN.S
23	720914103024	SHINOJ.S
24	720914103025	SHYAM PRAKASH.S
25	720914103026	SILAMBARASAN.S
26	720914103027	SMITH KELVIN.S
27	720914103029	SUSMITHA LAKSHMI.M
28	720914103030	SUTHESH.H
29	720914103031	UMA.A
30	720914103032	VISHNU DHARSAN.N
31	720914103302	HARIKRISHNAN U
32	720914103303	JUSTINSAM
33	720914103304	KAVIYARASAN V
34	720914103305	LIYAPHILIP
35	720914103306	MOHAMMED IRSHAD K
36	720914103307	RANJITH KUMAR S
37	720914103308	SURESH G
38	720914103701	ABUL HARITH

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DEPARTMENT OF CIVIL ENGINEERING

STADD - Pro TRAINING

STUDENTS ATTENDANCE SHEET

S.No.	Reg. No.	Name of the Student	12/12	13/12	14/12	15/12	16/12	19/12	20/12	21/12
1.	720914103001	AJITH KUMAR.R	a	a	a	'	/	/	/	/
2.	720914103002	ANISH JEBARAJ.A	/	/	/	/	/	a	/	/
3.	720914103004	ARUN KUMAR.V	/	/	/	/	/	/	/	/
4.	720914103005	ARUN KUMAR.S	/	/	/	/	a	a	/	/
5.	720914103006	DANESH.S	/	/	a	/	/	/	/	/
6.	720914103007	DEVIPRIYA.M	/	/	/	/	/	/	/	a
7.	720914103009	KALAIMANI.M	/	/	/	/	/	/	/	/
8.	720914103010	MANIKANDAN.K	a	/	/	/	/	/	/	/
9.	720914103011	MOHAMMED MOOSA.S	/	/	/	/	/	/	/	a
10.	720914103012	MOHAMED THAMIMUL ANSARI.S	/	a	a	a	/	/	/	/
11.	720914103013	MOHAMMED ASLAM	/	/	/	/	/	/	/	/
12.	720914103014	MOHAMMED MUBASHEER.K	a	/	/	/	/	/	/	a
13.	720914103015	MOHAMMED NIYAS.V.P	/	/	/	/	/	/	/	/
14.	720914103016	PRABAVATHI.M	/	/	/	/	/	/	/	a
15.	720914103017	PRASEELA PRASANTH	a	a	a	a	/	/	/	/
16.	720914103018	RAGUNATH.M	/	/	/	/	/	/	/	/
17.	720914103019	RAJAMANI.R	/	/	/	/	/	/	/	/
18.	720914103023	SELVENDIRAN.S	/	a	/	/	/	/	/	a
19.	720914103024	SHINOJ.S	/	/	/	/	/	/	a	/
20.	720914103025	SHYAM PRAKASH.S	/	/	/	/	/	/	/	/
21.	720914103026	SILAMBARASAN.S	/	/	/	a	/	/	/	/
22.	720914103029	SUSMITHA LAKSHMI.M	/	/	/	/	/	/	/	/
23.	720914103030	SUTHESH.H	a	/	/	/	/	/	/	/
24.	720914103031	UMA.A	/	/	/	/	/	/	/	/
25.	720914103302	HARIKRISHNAN U	/	/	a	/	/	/	/	/
26.	720914103303	JUSTINSAM	/	/	a	/	/	/	/	/
27.	720914103304	KAVIYARASAN V	/	/	/	/	/	/	/	/
28.	720914103307	RANJITH KUMAR S	/	a	a	a	/	/	/	/
29.	720914103308	SURESH G	/	/	/	/	a	a	a	/

Faculty In-charge

HoD

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SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC University Authorized Training Centre

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27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

STAAD.PRO - SYLLABUS

STAAD.Pro V8i **Total Duration : 45 Hours**

Week	Topics
1	• Overview of Structural Analysis and Design • Calculating Shear Force and Bending Moment values for various supports and load types • Introduction o STAAD.Pro V8i o STAAD Editor • Co-ordinate Systems o Global Vs Local • Creating a New Project in STAAD.Pro • Units • Model Generation oCreating Nodes & Members • Select Menu Model Editing Tools Translational Repeat Circular Repeat Move Mirror Rotate Insert Node □ For a Single Member □ For Multiple Members Add Beam □ Point to Point □ Between Midpoints □ Perpendicular Intersection □ Curved Member
2	Model Editing Tools o Connect Beams Along o Stretch Selected Members o Intersect Selected Members o Merge Selected Members o Renumber o Split Beam o Break Beams at Selected Nodes Creating Models by using Structure Wizard Mini Project 1
3	Member Property Specification • Member Offset Material Specification • Group Specification Loading o Creating a Primary Load o Adding Selfweight

	Loading o Nodal Load o Member Load □Uniform Force and Moment □Concentrated Force and Moment □Linear Varying Load □Trapezoidal Load □Hydrostatic Load □Pre/Post Stress□ Area Load □Floor Load Mini Project 2 Loading o Wind Load Creating Load Combination oAutomatic Load Combination o Edit Auto Load Rules o Moving Load o Reference Load o Repeat Load
3	Mini Project 3 • Introduction to Analysis o Perform Analysis o Overview of Output Page o Pre-analysis Print o Post-analysis Print • Inactive or Delete Specification General Guidelines for Design Concrete Design in STAAD.Pro o Column Design o Beam Design RC Designer Beam Design Column
4 & 5	Project 1 Seismology o Introduction Terminologies • Standards for Earthquake Design • General Principals for Earthquake Design • Finding the Lateral Force (manual calculation) Finding the Lateral Force by using STAAD.Pro Dynamic Analysis o Response Spectrum Analysis Mini Project 4 • Cylindrical and Cylindrical Reverse Co-ordinate Systems Introduction to FEM

	• FEM Modelling in • STAAD.Pro o Snap Plate o Add Plate Create Infill Plates Generate Surface Meshing Generate Plate Mesh Parametric Modelling • Member Truss Creating FEM models by using Structure Wizard • Adding Plate Thickness Plate Load o Pressure on • Full Plate o Concentrated • Load o Partial Plate Pressure Load Trapezoidal Load o Hydrostatic Load o Element Joint Load



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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : AJITH KUMAR R

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: DFG1700835602

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

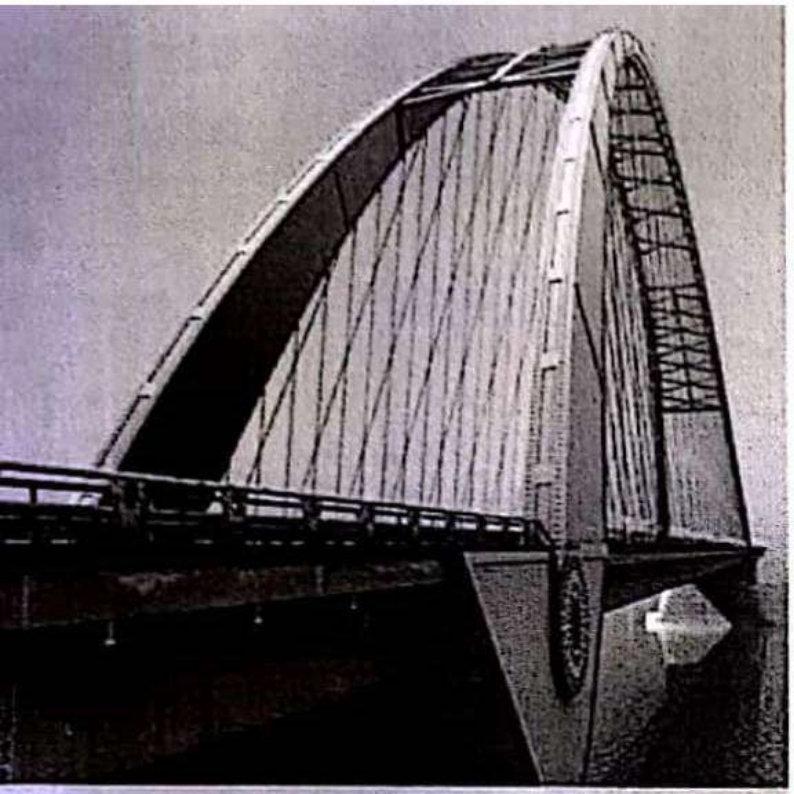
20th April 2017
DATE OF ISSUE

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Pichanur, Coimbatore-641105

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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ANISH JEBARAJ A

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: DFG1700835603

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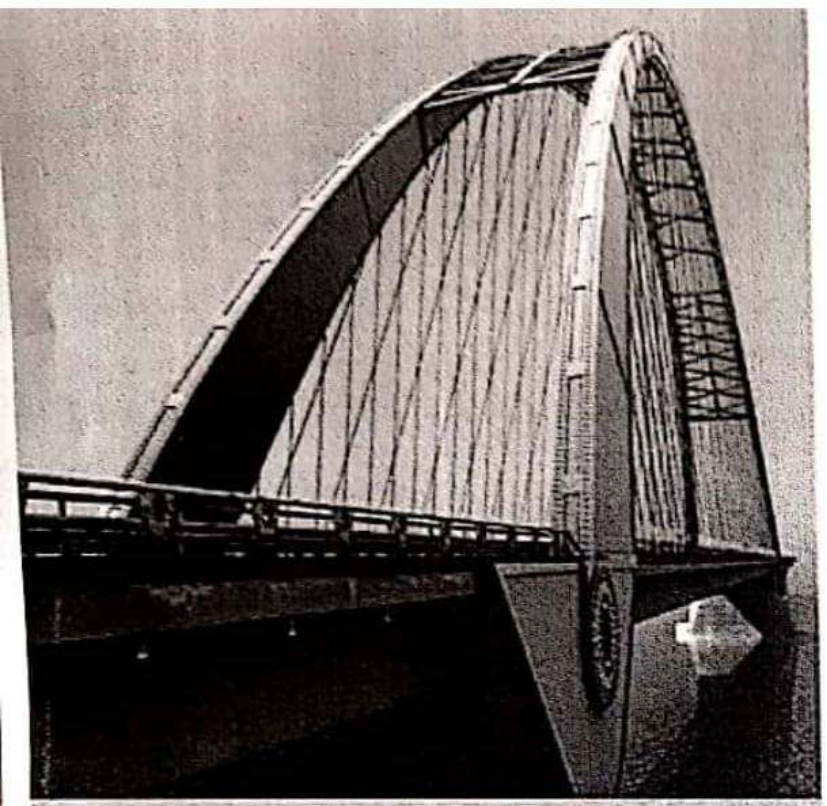
MANAGING DIRECTOR	VARUNKUMAR M	20th April 2017
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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ARUN KUMAR V

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: DFG1700835604

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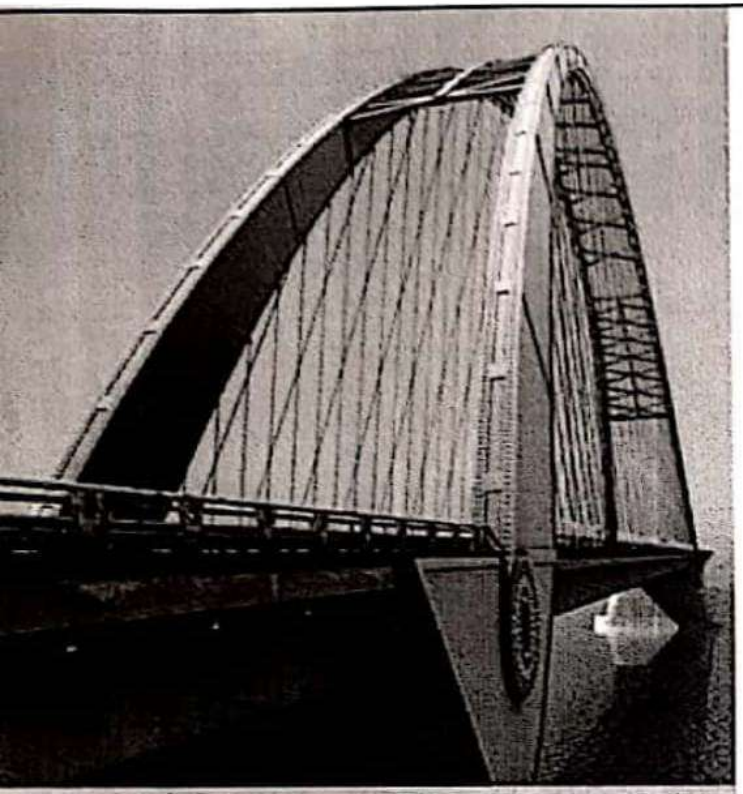
MANAGING DIRECTOR	CENTRE HEAD	DATE OF ISSUE
	VARUNKUMAR M	20th April 2017

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rporate Office : 8th Floor, GEE GEE Crystal, Office No. 8C & 8D,
91, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004, India.
Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ARUN KUMAR S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: DFG1700835605

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

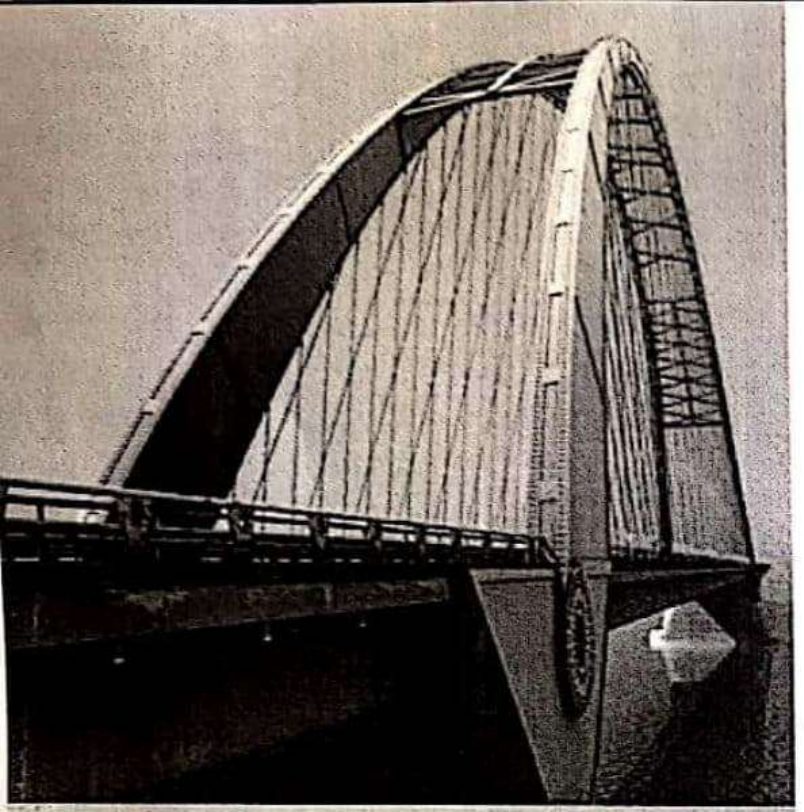
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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : DANESH S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: DFG1700835606

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VARUNKUMAR M
CENTRE HEAD

20th April 2017
DATE OF ISSUE

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AUTOCADD TRAINING TEST QUESTIONS

1. A fillet surface is used to
A) reshape a bicubic Coons patch with smooth curves.
B) round the edges of a planar surface.
C) blend two surfaces together.
D) convert facets into smooth curves.

2. A surface primitive is a(n)
A) basic 3D object that can be used to create more advanced models.
B) wireframe model from which surface models can be created.
C) 2D object that can be extruded to form a surface model.
D) analytic surface from which nonanalytic surfaces can be created.

3. All of the following are surface primitives except the
A) box.
B) cone.
C) spiral.
D) dish.

4. To create an approximation of a Coons patch in AutoCAD®, use the
A) 3DMESH command.
B) REVSURF command.
C) TABSURF command.
D) EDGESURF command.

5. The Spline option of the PEDIT command
A) creates an arc-fit polyline joining each pair of vertices to convert a straight-line polyline into a curve.
B) uses the vertices of the polyline as control points to create a curve approximating a B-spline.
C) generates the linetype in a continuous pattern through the vertices of the polyline.
D) smoothes a polygon mesh surface.

6. To control the type of surface created using the Smooth surface option of the PEDIT command, use the
A) SURFTAB1 system variable.
B) SURFTAB2 system variable.
C) SURFTYPE system variable.
D) EDGESURF command.

7. Solid models are used more frequently than surface models or wireframes because they
A) result in smaller files.
B) are more accurate.
C) can be viewed from any point in 3D space.
D) allow you to calculate mass properties.

8. The disadvantage of solids created using pure primitive instancing is that
A) they are less accurate than solids created using cell decomposition.
B) they must be converted to another type of solid before they can be edited.
C) they are created using the B-rep format.
D) some of the parameters of the solids are not specified.

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9. By default, AutoCAD® displays all kinds of models in wireframe format. To find out which type of solid a specific model is, use the
A) ID command.
B) REGEN command.
C) LIST command.
D) MODELTYPE system variable.

10. Spatial occupancy enumeration is rarely used in CAD applications because it
A) requires a large amount of memory.
B) is not sufficiently accurate for CAD work.
C) requires an obscure operating system.
D) does not allow 3D solids to be edited.

11. To store and display modeling information, AutoCAD® uses
A) cell decomposition.
B) boundary representations and sweeping.
C) constructive solid geometry.
D) pure primitive instancing.

12. All of the following are examples of solid primitives except the
A) sphere.
B) cone.
C) dome.
D) pyramid.

13. The ISOLINES system variable specifies
A) the number of segments in a tabulated model.
B) the number of contour lines that define a solid model.
C) the direction of contour lines in a solid model.
D) the length of the segments in an extrusion.

14. All of the following objects can be extruded except a(n)
A) arc.
B) polyline.
C) ellipse.
D) region.

15. To create a revolved solid, use the
A) EDGESURF command.
B) REVSURF command.
C) REVOLVE command.
D) EXTRUDE command.

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18-19

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur, Coimbatore-641105
DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

TRAINING COURSE - AUTO CADD & STADD PRO

RESOURCE PERSON PROFILE

Name : Mr.Varunkumar

Qualification : B.E., (Mechanical)., MBA.,

Total Experience : 6.5 years

Company Name : CADD Technologies

Location : Coimbatore

Skills Developed :

- ✓ Positive attitude and hardworking
- ✓ Communication and multi tasking skills.
- ✓ Self-motivation, taking initiatives to learn and apply.
- ✓ Disciplined and methodical approach to problem solving.

STRENGTHS :

- ✓ Self confidence
- ✓ Problem solving skills
- ✓ Good communication skills

Training Evaluation Form

Date: 12/12/16

Title and location of training: Stadd Pro.

Trainer: Varun Kumar

Instructions: Please indicate your level of agreement with the statements listed below in #1-11.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The objectives of the training were clearly defined.	○	✓	○	○	○
2. Participation and interaction were encouraged.	○	○	✓	○	○
3. The topics covered were relevant to me.	✓	○	○	○	○
4. The content was organized and easy to follow.	○	○	✓	○	○
5. The materials distributed were helpful.	○	○	○	○	✓
6. This training experience will be useful in my work.	✓	○	○	○	○
7. The trainer was knowledgeable about the training topics.	○	○	✓	○	○
8. The trainer was well prepared.	✓	○	○	○	○
9. The training objectives were met.	○	○	✓	○	○
10. The time allotted for the training was sufficient.	○	✓	○	○	○
11. The meeting room and facilities were adequate and comfortable.	○	✓	○	○	○

(More questions on back →)

12. What did you like most about this training?

The training given was most helpful.

13. What aspects of the training could be improved?

They should relate more Practical knowledge in daily life.

14. How do you hope to change your practice as a result of this training?

They should show more Paper presentation.

15. What additional adult ESL training would you like to have in the future?

More information was to be provided.

16. Please share other comments or suggestions on previous topics or other

Thank you for your feedback!

Training Evaluation Form

Date: 12/12/16

Title and location of training: ~~Varun Kumar. SFAD.~~ pro

Trainer: Varun kumar

Instructions: Please indicate your level of agreement with the statements listed below in #1-11.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The objectives of the training were clearly defined.	✓	○	○	○	○
2. Participation and interaction were encouraged.	✓	○	○	○	○
3. The topics covered were relevant to me.	✓	○	○	○	○
4. The content was organized and easy to follow.	○	✓	○	○	○
5. The materials distributed were helpful.	✓	○	○	○	○
6. This training experience will be useful in my work.	○	✓	○	○	○
7. The trainer was knowledgeable about the training topics.	✓	○	○	○	○
8. The trainer was well prepared.	○	✓	○	○	○
9. The training objectives were met.	✓	○	○	○	○
10. The time allotted for the training was sufficient.	✓	○	○	○	○
11. The meeting room and facilities were adequate and comfortable.	✓	○	○	○	○

(More questions on back →)

12. What did you like most about this training?

The communication was the best and

13. What aspects of the training could be improved?

Well, his voice

14. How do you hope to change your practice as a result of this training?

Concentrate on studying

15. What additional adult ESL training would you like to have in the future?

16. Please share other comments or suggestions on previous responses here.

Thank you for your feedback!

Coimbatore
11-07-16

From

Dr.G.Rajiv Suresh Kumar,
Professor & Head,
Dept. of Computer Science and Engineering,
JCT College of Engineering and Technology,Coimbatore.

To

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

Respected Sir,

Sub: Requesting your Kind Approval to conducting course on CCNA in the Networking & Securitydomains –Reg.,

We planned to conductcourse onCCNP in the Networking & Security domains from**14th July 2016 Onwards** by Mr.P.K.Amarnath, CEO, Avatar Academy – Networking & Security, Erode.

In this regards, we request your kind approval.

Yours Sincerely,

HoD/CSE

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Circular

July 12, 2016.

Our Department is willing to conduct a course on "CCNA " for third and final year CSE and ECE students. The details are given below.

The students are instructed to attend the course without fail.

S.NO.	Name of the Event	Resource Person	Organized by	Date
1	CCNA	Mr.P.K.Amarnath, Operation Head & Consultant, Avatar Academy, Erode.	Department of CSE	14.7.2016 onwards (every Thursday)

HOD/CSE

To

Class Advisor and Tutors of IV year CSE,ECE students (To be read in the class room) and all the faculty members of CSE,ECE dept.

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Mr. P.K. AMARNATH M.C.A, M.E., (Ph.D.)

(CCNA(R&S), CCNA-IINS, CCNP-R,CCNP-SENSS, & CCSA on-line Certified)

Operations Head and Consultant

AVATAR ACADEMY - Networking & Security

Near Karnataka Bank, No: 3/1, 1st Floor,

Buddhar Street, Teachers Colony,

Erode (Dt.), Tamil Nadu, India - 638 011

Mobile No.: +91 94436 96028

Website: www.avataracademy.in

Career Profile

Mr. P.K. Amarnath is a M.C.A., M.E., (Ph.D.) graduate in Computer Science. He has completed International Certifications like CCNA(R&S), CCNA(IINS), CCNP(Routing), CCNP(Security), & CCSA, and who has got 9 years experience in the field of Training. He has trained nearly 3000+ students so far. His students pursue for higher courses in their stream inspired by his teachings which itself speaks of his capacity and his unique approach in the way of training.

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AVATAR ACADEMY
NETWORKING & SECURITY

Near Karnataka Bank, No.:3/1, 1st Floor, Buddhar Street, Teachers' Colony, Perundurai Road, Erode – 638 011

Mobile No.: 94436 96028 | Emai-Id.: avataracademyerode@gmail.com | Web Site: www.avataracademy.in

Dear Sir/Madam,

Warm Greetings from **Avatar Academy - Networking & Security** Learning!

We are focusing on **Technical** skills in the **Networking & Security** domains, and we are the **First training institute in ERODE** with hands on lab practice with **real Networking & Security-Firewall** devices infrastructure.

Avatar Academy **infrastructure** acquires **400+ Cisco Routers, 10 Cisco Switches, 4 Cisco ASA Firewalls, 20 Checkpoint Firewalls, 50+ Microsoft / Red-Hat Servers + Systems, & 15+ Wireless Laptops** for accessing wireless racks.

After completion of the Course We'll provide **100% placement assistance** to the students. (**Condition**: Student(s) should have good communication skills). The current recruiters are **CSS Corp., Sutherland, HCL, KGISL, HP, Infosys, NSE India, Reliance Communication, Airtel, Aircel, TCS, & etc..** I've trained around **1000+** students for past **9 years** in Chennai & Erode and provided IT jobs around **200+ students**.

Avatar Academy – Networking & Security Courses offered are:

CISCO: CCNA – R&S, CCNA - IINS, CCNP - Routing, CCNP - Switching, CCNP – Security

CHECKPOINT: CCSA, & CCSE

MICROSOFT: MCITP, & MCSE

RED-HAT: RHCSA, & RHCE

EC-COUNCIL: CEH V8

(ISC)²: CISSP

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA (Routing & Switching)

Duration: 14 days (6 Hrs per day) **Total Hours: 84 Hrs**

Fundamentals of Networking

Networking is the practice of connecting Computer devices together to support communication among them.

IP Addressing

An IP address is a unique identifier of a computer on the network and on the internet.

Overview – IPv4 – Classes of IP address – Subnet Mask.

Subnetting

Subnetting is the process dividing an IP network into smaller networks called Subnets.

Overview – Importance of subletting – Subnet zero – Importance of Subnet Mask – Classful / Classless addressing – VLSM.

Fundamentals of Routing

Routing is the act of moving data across an internet work form a source to a destination.

Overview – Understanding the Routing Table – Types of Routing – Static Routing – Disadvantages of Static Routing.

Analysis of Network Traffic

When a host transmits data across a network to anther device, data is encapsulated with several headers and trailers.

Overview – OSI Reference Model – Encapsulation – Decapsulation – Connection Oriented Protocol Connectionless Protocol.

Dynamic Routing

Dynamic routing is the process of learning routing information automatically with the help of routing protocols.

Overview – Classes of routing protocols – RIP – IGRP – EIGRP – OSPF – Route Summarization – Route Redistribution – Load Balancing.

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Packet Filtering

Packet filtering is a network security mechanism that works by controlling which data can flow to and from a network

Overview – Access Control Lists – Standard ACL – Extended ACL – Named ACL.

Network Address Translation

Network address translation (NAT) allows a router to modify packets to allow for multiple devices to share a single public IP address.

Overview – Static NAT – Dynamic NAT – Dynamic NAT with Overload – Port Address Translation

Dynamic Host Configuration Protocol

It is a network Protocol to automatically assign an IP address to a computer.

Overview – Static Configuration– Dynamic Configuration – Address Pool – Exclusions – Address Lease – DHCP Relay Agent.

IPv6

It is a new version of internet protocol designed for larger address space.

Overview – Like Local Unicast – Site Local Unicast – Global Unicast – Multicast – Static Routing IPv6 IPv4 tunneling, Dynamic Routing protocols – RIP, EIGRP, & OSPF, DHCP, and DNS.

Wide Area Networks

A Wide area network is a network that covers a broad area.

Overview – Packet Switching – Circuit Switching –PPP – HDLC – Frame Relay.

Virtual Private Network

A VPN is a mechanism for providing secure communication over the Interne .

Overview – Cryptography – VPN Phases – ISAKMP – IPSec - Encapsulating Security Payload - Authentication Header.

VPN types: Site to Site, & Site to Client, and Web VPN.

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HSRP, FHRP, & VRRP

These protocols help in mechanism to provide failover methodology for LAN networks. Overview – Timers – HSRP, FHRP, & VRRP protocol functionality – Active/Standyby status.

Switching

A switch is a device that forwards frames from any of input ports to specific output port based on MAC address. Overview– Functions of Switch– Broadcast Domain– Collision Domain Spanning Tree Protocol VLAN – Trunking – VTP – Inter–VLAN Routing.

STP protocol for loop avoidance.

Configure and verify Switch port security.

Indentify Enhanced switching technologies.

Others

CDP, License configuration, Logs the traffic & ACL, NTP, PPPoE, SNMP

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Pichanur ,Coimbatore-641105

TÜV AUSTRIA

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

12.6.16

Name of the Trainer: Mr.Amarnath
Name of the Program: CCNA

TIMETABLE

S.no	Date	Time	Topic
1	14.07.2016	9.00 AM to 12.30 PM	Fundamentals Of Networking
		1.00 PM to 5.30 PM	IP Addressing
2	21.07.2016	9.00 AM to 12.30 PM	Subnetting
		1.00 PM to 5.30 PM	Fundamentals of Routing
3	22.07.2016	9.00 AM to 12.30 PM	Analysis of Network Traffic
		1.00 PM to 5.30 PM	Dynamic Routing
4	04.08.2016	9.00 AM to 12.30 PM	Packet Filtering
		1.00 PM to 5.30 PM	Network Address Translation
5	01.09.2016	9.00 AM to 12.30 PM	Dynamic Host Configuration Protocol
		1.00 PM to 5.30 PM	IPv6, Wide Area Networks
6	01.10.2016	9.00 AM to 12.30 PM	Virtual Private Network
		1.00 PM to 5.30 PM	HSRP, FHRP, & VRRP
7	07.10.2016	9.00 AM to 12.30 PM	Switching
		1.00 PM to 5.30 PM	Others

Faculty Co-ordinator

HOD/CSE

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PICHANUR, COIMBATORE-641105

Department of Computer Science and Engineering

TÜV AUSTRIA

STUDENT REGISTRATION

Academic year 2016-2017

Name of the Trainer: Mr.P.Amarnath

Name of the Course :CCNA

S.No.	Name Of the Student	SIGN
1.	ABHIJITH.K	
2.	ADARSH P.R	
3.	AISWARYA.T	
4.	AJITH KUMAR.K	
5.	AKHIL SANTHOSH	
6.	AMBILIKALA	
7.	ARAVIND MOHAN	
8.	ASHIK.K.H	
9.	BIBINA.K.P	
10.	ELSA TOY KANICHAI	
11.	JIBIRA	
12.	KANNATH SUDEESH BALAKRISHNAN	
13.	LAVANYA S	
14.	MIDHUN V.S	
15.	MOHAMMED RASHIDE.P.R	
16.	MUHAMMED ANAIS.A	
17.	NAJEEB MAIDEEN	
18.	PRINCE VARGHESE	
19.	RABSIN.A	
20.	RAFKAN RAZAK P.P	
21.	RAHUL.K	
22.	RIJIN.N.P	
23.	SACHIN.S	
24.	SAGAR.S	
25.	SAGAR.V	
26.	SANGHAVI.A	
27.	SHAJITHA BEGUM.K	
28.	SHIBITHRA.M	
29.	SIDDHARTH.K.S	
30.	SPARSA.S	
31.	SREEJITH.S	
32.	SREENATH.K.A	
33.	SUDHIN.S	
34.	SUHAIL S.M	
35.	SURESH KANNAN.K	
36.	VISHNU PRIYA	
37.	VISHNU VIJAY	
38.	WASEEM AHAMAD K.V.T	
39.	ABHISHEK RAMACHANDRAN	

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PICHANUR, COIMBATORE-641105

Department of Computer Science and Engineering

TÜV AUSTRIA

40.	ARUN.C	
41.	POORNIMA.K.J	
42.	SRUTHI.R	
43.	STEVEN PETER	
44.	SURABHI.A.S	
45.	AKSHAY MENON	
46.	ANEESH T	
47.	ANJITHA J	
48.	ARUL JOTHY K	
49.	ARUN S	
50.	ASRITHA A	
51.	AYISHA Y	
52.	BALASUBRAMANIAN K	
53.	CHITRA B	
54.	ELSAMARIYA PA	
55.	IMRAN BASHA N	
56.	MANIKANDAN K	
57.	MANJUSHA P M	
58.	MANOJ M	
59.	MOHAMED THOUFEEK G	
60.	NASEEM BACKER	
61.	NIMISHA K	
62.	NISAM SHAKIR KA	
63.	RAHUL R	
64.	REMO B GEORGE	
65.	RIFANA A	
66.	ROHITH G	
67.	SILPA S	
68.	SNEHA P S	
69.	SUBISHA P V	
70.	SUSEELA S	
71.	AKASH JOHN TITUS	
72.	ATHIRA.S.NAIR	
73.	HRITHIKESH.J	
74.	KALA.C	

Signature of HOD.

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PICHANUR, COIMBATORE-641105

Department of Computer Science and Engineering

TÜV AUSTRIA

ATTENDANCE SHEET FOR CCNA COURSE

Academic year 2016-2017

Name of the Trainer: Mr.P.Amarnath

Name of the Course :CCNA

S.No.	Name Of the Student	4/7	5/7	21/7	21/7	28/7	28/7	4/8	4/8	11/8	11/8	11/8	11/8	18/8	18/8
1.	ABHIJITH.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	ADARSH P.R	a	a	/	/	/	/	/	/	/	/	/	/	/	/
3.	AISWARYA.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	AJITH KUMAR.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	AKHIL SANTHOSH	/	/	/	/	a	a	/	/	/	/	/	/	/	/
6.	AMBILIKALA	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	ARAVIND MOHAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	ASHIK.K.H	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	BIBINA.K.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	ELSA TOY KANICHAI	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	JIBIRA	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	KANNATH SUDEESH BALAKRISHNAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	LAVANYA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	MIDHUN V.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	MOHAMMED RASHIDE.P.R	/	/	a	a	/	/	/	/	/	/	/	/	/	/
16.	MUHAMMED ANAIS.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	NAJEEB MAIDEEN	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	PRINCE VARGHESE	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	RABSIN.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	RAFKAN RAZAK P.P	/	/	/	/	/	/	/	/	/	/	a	a	/	/
21.	RAHUL.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	RIJIN.N.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	SACHIN.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	SAGAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	SAGAR.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	SANGHAVI.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	SHAJITHA BEGUM.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	SHIBITHRA.M	/	/	/	/	/	/	/	/	a	a	/	/	/	/
29.	SIDDHARTH.K.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	SPARSA.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	SREEJITH.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32.	SREENATH.K.A	/	/	/	/	/	/	a	a	/	/	/	/	/	/
33.	SUDHIN.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34.	SUHAIL S.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35.	SURESH KANNAN.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36.	VISHNU PRIYA	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37.	VISHNU VIJAY	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38.	WASEEM AHAMAD K.V.T	/	/	/	/	/	/	/	/	/	/	/	/	a	a
39.	ABHISHEK RAMACHANDRAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

40.	AMBILIKALA															
41.	ARAVIND MOHAN															
42.	ASHIK.K.H															
43.	BIBINA.K.P															
44.	ELSA TOY KANICHAI	a	a													
45.	JIBIRA															
46.	KANNATH SUDEESH															
47.	LAVANYA S									a	a					
48.	MIDHUN V.S															
49.	MOHAMMED															
50.	MUHAMMED ANAIS.A															
51.	NAJEEB MAIDEEN															
52.	PRINCE VARGHESE					a	a									
53.	RABSIN.A															
54.	RAFKAN RAZAK P.P											a	a			
55.	RAHUL.K															
56.	RIJIN.N.P															
57.	SACHIN.S															
58.	SAGAR.S			a	a											
59.	SAGAR.V															
60.	SANGHAVI.A															
61.	SHAJITHA BEGUM.K															
62.	SHIBITHRA.M															
63.	SIDDHARTH.K.S															
64.	SPARSA.S							a	a							
65.	SREEJITH.S															
66.	SREENATH.K.A															
67.	SUDHIN.S															
68.	SUHAIL S.M															
69.	SURESH KANNAN.K															
70.	VISHNU PRIYA															
71.	VISHNU VIJAY															
72.	WASEEM AHAMAD															
73.	ABHISHEK															
74.	ARUN.C															
75.	POORNIMA.K.J													a	a	
76.	SRUTHI.R															
77.	STEVEN PETER															
78.	SURABHI.A.S															

Signature of HOD.

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AVATAR ACADEMY

Engage Your Knowledge Connection

Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that

ABHIJITH.K

has successfully completed the Educational Course on **"CCNA"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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CERTIFICATE OF COMPLETION

This is to certify that

ADARSH.P.R

has successfully completed the Educational Course on "CCNA" at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that

AISWARYA.T

has successfully completed the Educational Course on "CCNA" at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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AVATAR ACADEMY

Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that

AJITH KUMAR.K

has successfully completed the Educational Course on **"CCNA"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that

AKIL SANTHOSH

has successfully completed the Educational Course on **"CCNA"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: SREEJITH.S

Dept: CSE

College: ACT

Max. Marks	15
Marks Obtained	12

1. One commonly used public-key cryptography method is the _____ algorithm.
A) RSS
B) RAS
C) RSA
D) RAA

2. A(n) _____ algorithm transforms cipher text to plaintext.
A) encryption
B) decryption
C) either (a) or (b)
D) neither (a) nor (b)

3.The _____ is the message after transformation.
A) ciphertext
B) plaintext
C) secret-text
D) none of the above

4.A(n) _____ algorithm transforms plaintext to ciphertext.
A) encryption
B) decryption
C) either (a) or (b)
D) neither (a) nor (b)

5. Message authentication is a service beyond
a) Message Confidentiality
b) Message Integrity
c) Message Splashing
d) Message Sending

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6. Confidentiality with asymmetric-key cryptosystem has its own

A. Entities
B. Data
C. Problems
D. Translator

7. 1. Number of phases in the handshaking protocol?

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

8. Which is the key exchange algorithm used in CipherSuite parameter?

a) RSA
b) Fixed Diffie-Hellman
c) Ephemeral Diffie-Hellman
d) Any of the mentioned

9. 12. The client_key_exchange message uses a pre master key of size –

a) 48 bytes
b) 56 bytes
c) 64 bytes
d) 32 bytes

10. The secret key between members needs to be created as a _____ key when two members contact KDC.

A) public
B) session
C) complimentary
D) none of the above

11. . _____ is a popular session key creator protocol that requires an authentication server and a ticket-granting server.

A) KDC
B) Kerberos
C) CA
D) none of the above

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12. Password-based authentication can be divided into two broad categories: _____ and _____.
A) fixed; variable
B) time-stamped; fixed
C) fixed; one-time
D) none of the above

13. What type of symmetric key algorithm using a streaming cipher to encrypt information?
A. RC4
B. Blowfish
C. SHA
D. MD5

14. Which of the following is independent malicious program that need not any host program?
A. Trap doors
B. Trojan horse
C. Virus
D. Worm

15. _____ scans TCP ports and resolves different hostnames.
a) SuperScan
b) Snort
c) Ettercap
d) QualysGuard

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: LAVANYA .S

Dept: CSE

College: JCT

Max. Marks	15
Marks Obtained	13

1. One commonly used public-key cryptography method is the _____ algorithm.
A) RSS
B) RAS
C) RSA
D) RAA

2. A(n) _____ algorithm transforms cipher text to plaintext.
A) encryption
B) decryption
C) either (a) or (b)
D) neither (a) nor (b)

3.The _____ is the message after transformation.
A) ciphertext
B) plaintext
C) secret-text
D) none of the above

4.A(n) _____ algorithm transforms plaintext to ciphertext.
A) encryption
B) decryption
C) either (a) or (b)
D) neither (a) nor (b)

5. Message authentication is a service beyond
a) Message Confidentiality
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c) Message Splashing
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A. Entities
B. Data
C. Problems
D. Translator

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: MIDHUN .

Dept: CSE

College: JCT .

Max. Marks	15
Marks Obtained	11

1. One commonly used public-key cryptography method is the _____ algorithm.
A) RSS
B) RAS
C) RSA
D) RAA

2. A(n) _____ algorithm transforms cipher text to plaintext.
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C) either (a) or (b)
D) neither (a) nor (b)

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D) none of the above

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C) either (a) or (b)
D) neither (a) nor (b)

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d) QualysGuard

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: AJITH KUMAR

Dept: CSE

College: JCT

Max. Marks	15
Marks Obtained	11

1. One commonly used public-key cryptography method is the _____ algorithm.
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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: Rabsin. A

Dept: CSE

College: JCT

Max. Marks	15
Marks Obtained	15

1. One commonly used public-key cryptography method is the _____ algorithm.
A) RSS
B) RAS
C) RSA
D) RAA

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C) either (a) or (b)
D) neither (a) nor (b)

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C) secret-text
D) none of the above

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

Department of Computer Science and Engineering

Student Feedback

Name of the Student: Suresh Kumaran. K

Year Final

Course Name: CCNA

Students are required to rate the courses

[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	✓		✓	

Signature

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Computer Science and Engineering

Student Feedback

Name of the Student: SIDDHARTH.KS

Year IV

Course Name: CCNA

Students are required to rate the courses

[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	✓			

Signature

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Computer Science and Engineering

Circular

July 12, 2016.

Our Department is willing to conduct a course on "CCNA " for third and final year CSE and ECE students. The details are given below.

The students are instructed to attend the course without fail.

S.NO.	Name of the Event	Resource Person	Organized by	Date
1	CCNA	Mr.P.K.Amarnath, Operation Head & Consultant, Avatar Academy, Erode.	Department of CSE	14.7.2016 onwards (every Thursday)

HOD/CSE

To

Class Advisor and Tutors of IV year CSE,ECE students (To be read in the class room) and all the faculty members of CSE,ECE dept.

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Mr. P.K. AMARNATH M.C.A, M.E., (Ph.D.)

(CCNA(R&S), CCNA-IINS, CCNP-R,CCNP-SENSS, & CCSA on-line Certified)

Operations Head and Consultant

AVATAR ACADEMY - Networking & Security

Near Karnataka Bank, No: 3/1, 1st Floor,
Buddhar Street, Teachers Colony,
Erode (Dt.), Tamil Nadu, India - 638 011
Mobile No.: +91 94436 96028
Website: www.avataracademy.in

Career Profile

Mr. P.K. Amarnath is a M.C.A., M.E., (Ph.D.) graduate in Computer Science. He has completed International Certifications like CCNA(R&S), CCNA(IINS), CCNP(Routing), CCNP(Security), & CCSA, and who has got 9 years experience in the field of Training. He has trained nearly 3000+ students so far. His students pursue for higher courses in their stream inspired by his teachings which itself speaks of his capacity and his unique approach in the way of training.

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AVATAR ACADEMY
NETWORKING & SECURITY

Near Karnataka Bank, No.:3/1, 1st Floor, Buddhar Street, Teachers' Colony, Perundurai Road, Erode – 638 011

Mobile No.: 94436 96028 | Email-Id.: avataracademyerode@gmail.com | Web Site: www.avataracademy.in

Dear Sir/Madam,

Warm Greetings from **Avatar Academy - Networking & Security** Learning!

We are focusing on **Technical** skills in the **Networking & Security** domains, and we are the **First training institute in ERODE** with hands on lab practice with **real Networking & Security-Firewall** devices infrastructure.

Avatar Academy **infrastructure** acquires **400+ Cisco Routers, 10 Cisco Switches, 4 Cisco ASA Firewalls, 20 Checkpoint Firewalls, 50+ Microsoft / Red-Hat Servers + Systems, & 15+ Wireless Laptops** for accessing wireless racks.

After completion of the Course We'll provide **100% placement assistance** to the students. (**Condition**: Student(s) should have good communication skills). The current recruiters are **CSS Corp., Sutherland, HCL, KGISL, HP, Infosys, NSE India, Reliance Communication, Airtel, Aircel, TCS, & etc..** I've trained around **1000+** students for past **9 years** in Chennai & Erode and provided IT jobs around **200+ students**.

Avatar Academy – Networking & Security Courses offered are:

CISCO: CCNA – R&S, CCNA - IINS, CCNP - Routing, CCNP - Switching, CCNP – Security

CHECKPOINT: CCSA, & CCSE

MICROSOFT: MCITP, & MCSE

RED-HAT: RHCSA, & RHCE

EC-COUNCIL: CEH V8

$(ISC)^2$: CISSP

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur ,Coimbatore-641105

TÜV AUSTRIA

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

12.6.16

Name of the Trainer: Mr.Amarnath
Name of the Program: CCNA

TIMETABLE

S.no	Date	Time	Topic
1	14.07.2016	9.00 AM to 12.30 PM	Fundamentals Of Networking
		1.00 PM to 5.30 PM	IP Addressing
2	21.07.2016	9.00 AM to 12.30 PM	Subnetting
		1.00 PM to 5.30 PM	Fundamentals of Routing
3	22.07.2016	9.00 AM to 12.30 PM	Analysis of Network Traffic
		1.00 PM to 5.30 PM	Dynamic Routing
4	04.08.2016	9.00 AM to 12.30 PM	Packet Filtering
		1.00 PM to 5.30 PM	Network Address Translation
5	01.09.2016	9.00 AM to 12.30 PM	Dynamic Host Configuration Protocol
		1.00 PM to 5.30 PM	IPv6, Wide Area Networks
6	01.10.2016	9.00 AM to 12.30 PM	Virtual Private Network
		1.00 PM to 5.30 PM	HSRP, FHRP, & VRRP
7	07.10.2016	9.00 AM to 12.30 PM	Switching
		1.00 PM to 5.30 PM	Others

Faculty Co-ordinator

HOD/CSE

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CCNA (Routing & Switching)

Duration: 42 days (Normal track) **Duration: 12 Weeks (Weekend Track)**

Fundamentals of Networking

Networking is the practice of connecting Computer devices together to support communication among them.

IP Addressing

An IP address is a unique identifier of a computer on the network and on the internet.

Overview – IPv4 – Classes of IP address – Subnet Mask.

Subnetting

Subnetting is the process dividing an IP network into smaller networks called Subnets.

Overview – Importance of subletting – Subnet zero – Importance of Subnet Mask – Classful / Classless addressing – VLSM.

Fundamentals of Routing

Routing is the act of moving data across an internet work form a source to a destination.

Overview – Understanding the Routing Table – Types of Routing – Static Routing – Disadvantages of Static Routing.

Analysis of Network Traffic

When a host transmits data across a network to anther device, data is encapsulated with several headers and trailers.

Overview – OSI Reference Model – Encapsulation – Decapsulation – Connection Oriented Protocol Connectionless Protocol.

Dynamic Routing

Dynamic routing is the process of learning routing information automatically with the help of routing protocols.

Overview – Classes of routing protocols – RIP – IGRP – EIGRP – OSPF – Route Summarization – Route Redistribution – Load Balancing.

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Switching

A switch is a device that forwards frames from any of input ports to specific output port based on MAC address.

Overview– Functions of Switch– Broadcast Domain– Collision Domain Spanning Tree Protocol VLAN – Trunking – VTP – Inter–VLAN Routing.

Packet Filtering

Packet filtering is a network security mechanism that works by controlling which data can flow to and from a network

Overview – Access Control Lists – Standard ACL – Extended ACL – Named ACL.

Network Address Translation

Network address translation (NAT) allows a router to modify packets to allow for multiple devices to share a single public IP address.

Overview – Static NAT – Dynamic NAT – Dynamic NAT with Overload – Port Address Translation

Dynamic Host Configuration Protocol

It is a network Protocol to automatically assign an IP address to a computer.

Overview – Static Configuration– Dynamic Configuration – Address Pool – Exclusions – Address Lease – DHCP Relay Agent.

IPv6

It is a new version of internet protocol designed for larger address space.

Overview – Like Local Unicast – Site Local Unicast – Global Unicast – Multicast – Static Routing IPv6 IPv4 tunneling.

Wide Area Networks

A Wide area network is a network that covers a broad area.

Overview – Packet Switching – Circuit Switching –PPP – HDLC – Frame Relay.

Virtual Private Network

A VPN is a mechanism for providing secure communication over the Internet.

Overview – Cryptography – VPN Phases – ISAKMP – IPSec - Encapsulating Security Payload - Authentication Header.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Combatore - 641 105

TÜV AUSTRIA

CCNA Course Class on 04.08.2016

IV ECE - Name List (2013 - 17 Batch)

SL.NO	REG. NO.	NAME	SIGNATURE
1	720913106001	ABILASH A	
2	720913106002	ABINAYA R	
3	720913106003	ABIND.S	
4	720913106010	ANISH C A	
5	720913106015	BHARATHI K	
6	720913106016	CHITHIRA SUKUMARAN	
7	720913106019	FASALHAQ.P.S	
8	720913106020	GANGADEVI B	
9	720913106024	JISHNU T S	
10	720913106026	MADHUSOODANAN K A	
11	720913106030	NAHOMI D	
12	720913106032	NITHYA N	
13	720913106034	PRAJAY P	
14	720913106035	RANJITHA R	
15	720913106036	REVATHY R	
16	720913106037	ROJIN VARGHESE	5/9/16
17	720913106040	SURAJ VARMA M	
18	720913106043	VINODHINI M	

CLASS ADVISOR

HOD-ECE

CCNA CO-ORDINATOR

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Skill Development Programme (Placement Training , Soft Skill Training)

Academic Year: 2016 - 2017

S.No	Name of the Student	Year/Semester	Duration		Name of the Programme	Resource Person and Name of the Institution/Organization
			from	To		
1	ABILASH A	IV/VII (ECE)	14/7/16 (Every Thursday		CCNA Courses	P.K.Amarnath Aviator Academy,Erode
2	ABINAYA R	IV/VII (ECE)				
3	ABINDS	IV/VII (ECE)				
4	AFIYA P P	IV/VII (ECE)				
5	ANAGHA N	IV/VII (ECE)				
6	ANISH C A	IV/VII (ECE)				
7	BHARATHI K	IV/VII (ECE)				
8	CHITHIRA SUKUMARAN	IV/VII (ECE)				
9	CHRISTY VIMALA J	IV/VII (ECE)				
10	GANGADEVI B	IV/VII (ECE)				
11	GAYATHRI H	IV/VII (ECE)				
12	JAMSHIYA BEEGUM P	IV/VII (ECE)				
13	JISHNU T S	IV/VII (ECE)				
14	MADHUSOODANAN K A	IV/VII (ECE)				
15	NAHOMI D	IV/VII (ECE)				

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16	NITHYA N	IV/VII (ECE)				
17	PRAJAY P	IV/VII (ECE)				
18	RANJITHA R	IV/VII (ECE)				
19	REVATHY R	IV/VII (ECE)				
20	SAMEERA BANU A	IV/VII (ECE)				
21	VINODHINI M	IV/VII (ECE)				
22	DHANALAKSHIMI A	IV/VII (ECE)				

PRINCIPAL

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JCT COLLEGE OF ENGINEERING AND T HNOLOGY
Pichanur, Coimbatore – 641 105
Department of Training and Placement
CCNA Value Added Course details
BATCH-I
Students Attendance Details

Academic Year:2016-2017 Sem:Odd Sem

S.No.	Year / Sem	Dept.	Reg.No.	Student Name	Month(July) Week-1 Day-1(14.07.16) FN	Week-1 Day-1(14.07.16) AN	Week-2 Day-2(21/7/16) FN	Week-2 Day-2(21/7/16) AN	Week-3 Day-3(28/7/16) FN	Week-3 Day-3(28/7/16) AN	Week-4 Day-4(4/8/16) FN	Week-4 Day-4(4/8/16) AN	Remarks
1	IV / VII	ECE	720913106001	ABILASH A	P	P	P	P	P	P	P	P	P
2			720913106002	ABINAYA R	P	P	P	P	P	P	P	P	P
3			720913106004	AFIYA P P	P	P	A	A	A	A	A	A	P
4			720913106007	ANAGHA N	P	P	A	A	A	A	A	A	
5			720913106010	ANISH C A	P	P	P	P	P	P	P	P	
6			720913106015	BHARATHI K	P	P	P	P	P	P	P	P	
7			720913106016	CHITHIRA SUKUMARAN	P	P	A	A	P	P	P	P	
8			720913106017	CHRISTY VIMALA J	P	P	A	A	A	A	A	A	
9			720913106020	GANGADEVI B	P	P	P	P	P	P	P	P	
10			720913106023	JAMSHIYA BEEGUM P	P	P	A	A	A	A	A	A	
11			720913106024	JISHNU T S	P	P	P	P	P	P	P	P	
12			720913106026	MADHUSOODANAN K A	P	P	P	P	P	P	P	P	
13			720913106032	NITHYA N	P	P	P	P	P	P	P	P	
14			720913106035	RANJITHA R	P	P	P	P	P	P	A	A	
15			720913106036	REVATHY R	P	P	A	A	P	P	P	P	
16			720913106038	SAMEERA BANU A	P	P	A	A	A	A	A	A	
17			720913106043	VINODHINI M	P	P	P	P	P	P	P	P	
18			720913106701	DEEPA.R	P	P	A	A	A	A	A	A	
				Coordinator sign									
				HoD sign									
19			30	Nahomi. D	P	P	21/7 A	21/7 A	P	P	P	P	

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20	ECE	ECE	03	Abind	A	A	A	A	P	P	P	P	
21			09	Falsalhaq.P.S	A	A	A	A	P	P	A	A	
22	7th sem		37	Rojin	A	A	A	A	P	P	P	P	
23	4th yr		34	Prajijay.P	A	A	A	A	P	P	P	P	
			40	Suraj	A	A	A	A	A	A	P	P	

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FEED BACK FORM

Course tittle : CCNA

Name of the Institution/Industry: Avatar Academy

Date Attended: 14/7/16

Student Name: Abindh S

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

If you said "NO" to #9, please explain:

COORDINATOR

HOD

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Pichanur, Coimbatore, Tamil Nadu - 641105

Department of Computer Science & Engineering

CISCO INCUBATOR LAB

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NETWORKING & SECURITY

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Certificate

Reg. No. ...7209131060l6

This is to certify that Mr/Ms. CHITHIRA SUKUMARAN

has successfully completed educational programme on

Networking with Cisco Routers

Curriculum: IP-V4 Subnetting, Routing – Static, Default, RIP, IGRP, EIGRP & OSPF, DHCP, VPN, WAN Protocols:PPP, HDLC, FRAME RELAY, Security: Standard & Extended IP ACL, IP-V6, HSRP, Switching - VLAN, & STP, Booting, GUI Configuration using SDM and Daily Maintenance tasks

Issue Date: 28.02.2017

PRINCIPAL

COURSE DIRECTOR
Prof. P.K.Amarnath

PRINCIPAL
College of Engineering
Pichanur, Coimbatore-641105

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JCT COLLEGE OF ENGINEERING & TECHNOLOGY

Pichanur, Coimbatore, Tamil Nadu - 641105

Department of Computer Science & Engineering

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Certificate

Reg. No. 7209131060 37

This is to certify that Mr/Ms. ROJIN VARGHESE

has successfully completed educational programme on

Networking with Cisco Routers

Curriculum: IP-V4 Subnetting, Routing – Static, Default, RIP, IGRP, EIGRP & OSPF, DHCP, VPN, WAN Protocols:PPP, HDLC, FRAME RELAY, Security: Standard & Extended IP ACL, IP-V6, HSRP, Switching - VLAN, & STP, Booting, GUI Configuration using SDM and Daily Maintenance tasks

Issue Date: 28.02.2017

COURSE DIRECTOR

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Department of Computer Science & Engineering

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Certificate

Reg. No. 7209131060026....

This is to certify that Mr/Ms. MADHUSOODANAN. K. A

has successfully completed educational programme on

Networking with Cisco Routers

Curriculum: IP-V4 Subnetting, Routing – Static, Default, RIP, IGRP, EIGRP & OSPF, DHCP, VPN,

WAN Protocols:PPP, HDLC, FRAME RELAY, Security: Standard & Extended IP ACL, IP-V6, HSRF

Switching - VLAN, & STP, Booting, GUI Configuration using SDM and Daily Maintenance task

Issue Date: 28.02.2017

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Pichanur, Coimbatore

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This is to certify that Mr/Ms. NAHOMI . D

has successfully completed educational programme on

Networking with Cisco Routers

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Reg. No. ...72.09.13.106.035...

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

has successfully completed educational programme on

Networking with Cisco Routers

Curriculum: IP-V4 Subnetting, Routing – Static, Default, RIP, IGRP, EIGRP & OSPF, DHCP, VPN, WAN Protocols:PPP, HDLC, FRAME RELAY, Security: Standard & Extended IP ACL, IP-V6, HSRP, Switching - VLAN, & STP, Booting, GUI Configuration using SDM and Daily Maintenance tasks

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JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

COURSE DIRECTOR
Prof. P.K.Amarnath

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: NAHOMI.O

Dept: ECE

College: SCT college of Engineering and Technology

Max. Marks	15
Marks Obtained	13

1. One commonly used public-key cryptography method is the _____ algorithm.
A) RSS
B) RAS
C) RSA
D) RAA

2. A(n) _____ algorithm transforms cipher text to plaintext.
A) encryption
B) decryption
C) either (a) or (b)
D) neither (a) nor (b)

3.The _____ is the message after transformation.
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5. Message authentication is a service beyond
a) Message Confidentiality
b) Message Integrity
c) Message Splashing
d) Message Sending

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6. Confidentiality with asymmetric-key cryptosystem has its own
A. Entities
B. Data
C. Problems
D. Translator

7. 1. Number of phases in the handshaking protocol?
a) 2
b) 3
c) 4
d) 5

8. Which is the key exchange algorithm used in CipherSuite parameter?
a) RSA
b) Fixed Diffie-Hellman
c) Ephemeral Diffie-Hellman
d) Any of the mentioned

9. 12. The client_key_exchange message uses a pre master key of size –
a) 48 bytes
b) 56 bytes
c) 64 bytes
d) 32 bytes

10. The secret key between members needs to be created as a _____ key when two members contact KDC.
A) public
B) session
C) complimentary
D) none of the above

11. . _____ is a popular session key creator protocol that requires an authentication server and a ticket-granting server.
A) KDC
B) Kerberos
C) CA
D) none of the above

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12. Password-based authentication can be divided into two broad categories: _____ and _____.
A) fixed; variable
B) time-stamped; fixed
C) fixed; one-time
D) none of the above

13. What type of symmetric key algorithm using a streaming cipher to encrypt information?
A. RC4
B. Blowfish
C. SHA
D. MD5

14. Which of the following is independent malicious program that need not any host program?
A. Trap doors
B. Trojan horse
C. Virus
D. Worm

15. _____ scans TCP ports and resolves different hostnames.
a) SuperScan
b) Snort
c) Ettercap
d) QualysGuard

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: Rojin Varghese

Dept: ECE

College: JCT CET

Max. Marks	15
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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: Karuppathai.D

Dept: ECE

College: JCTCET

Max. Marks	
Marks Obtained	

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: MADHU SOODANAN. KP

Dept: ECC

College: JCT CET

Max. Marks	15
Marks Obtained	15

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AVATAR ACADEMY
NETWORKING & SECURITY

CCNA Question Paper

Name Of the Candidate: RANJITHA.R

Dept: ECE

College: JCT CET

Max. Marks	15
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A) encryption
B) decryption
C) either (a) or (b)
D) neither (a) nor (b)

3.The _____ is the message after transformation.
A) ciphertext
B) plaintext
C) secret-text
D) none of the above

4.A(n) _____ algorithm transforms plaintext to ciphertext.
A) encryption
B) decryption
C) either (a) or (b)
D) neither (a) nor (b)

5. Message authentication is a service beyond
a) Message Confidentiality
b) Message Integrity
c) Message Splashing
d) Message Sending

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6. Confidentiality with asymmetric-key cryptosystem has its own

A. Entities
B. Data
C. Problems
D. Translator

7. 1. Number of phases in the handshaking protocol?

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

8. Which is the key exchange algorithm used in CipherSuite parameter?

a) RSA
b) Fixed Diffie-Hellman
c) Ephemeral Diffie-Hellman
d) Any of the mentioned

9. 12. The client_key_exchange message uses a pre master key of size –

a) 48 bytes
b) 56 bytes
c) 64 bytes
d) 32 bytes

10. The secret key between members needs to be created as a _____ key when two members contact KDC.

A) public
B) session
C) complimentary
D) none of the above

11. . _____ is a popular session key creator protocol that requires an. authentication server and a ticket-granting server.

A) KDC
B) Kerberos
C) CA
D) none of the above

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12. Password-based authentication can be divided into two broad categories: _____ and _____.
A) fixed; variable
B) time-stamped; fixed
C) fixed; one-time
D) none of the above

13. What type of symmetric key algorithm using a streaming cipher to encrypt information?
A) RC4
B. Blowfish
C. SHA
D. MD5

14. Which of the following is independent malicious program that need not any host program?
A. Trap doors
B. Trojan horse
C. Virus
D. Worm

15. _____ scans TCP ports and resolves different hostnames.
a) SuperScan
b) Snort
c) Ettercap
d) QualysGuard

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JCT College of Engineering and Technology

FEED BACK FORM

Course tittle : CCNA

Name of the Institution/Industry: Avatar Academy

Date Attended: 14/7/16

Student Name: Abindh. S

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

If you said 'NO" to #9, please explain:

COORDINATOR

HOD

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JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

Pichanur, Coimbatore – 641 105

21.10.2016

From

Head of the Department,
Department of Petrochemical Engineering,
JCT College of Engineering and Technology,
Coimbatore – 641 105.

To

The Principal
JCT College of Engineering and Technology,
Coimbatore – 641 105.

Respected Sir,

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

The Department of Petrochemical Engineering is planned to conduct the "AUTO CAD" course organized by CADD Technologies Auto desk. Authorized training centre for our Petrochemical engineering students. The details about the program and the trainer are given below for reference. Hence I request you to kindly provide the permission for conducting the above course successfully.

Name of the Event	Organized by	Course trainer	Date
AUTO CAD	CADD Technologies, Auto desk, Authorized training centre	Mr.E.Sundar, Mr.R.Nivash	15/12/2016 to 24/12/2016

Thanking you,

Yours truly,

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

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

01/11/2016

CIRCULAR

DEPARTMENT OF PETROCHEMICAL ENGINEERING

It is proposed to conduct a CAD/CAM/CAE Training provider by the CADD TECHNOLOGIES; they are **Autodesk and PTC - Authorized Training cum Certification Centre.** The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting, CAD/CAM/CAE training. From 15/12/2016 to 24/12/2016, so interested candidates register the name to our department coordinator.

HOD/PCE

PRINCIPAL

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

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED

CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre

PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

Ref: PCE / Proposal / Engg / 82 / 2016 Date: 03.10.2016

To,

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

Through : Dr. R.PARAMASIVAM, HoD – Petrochemical Engineering.

Respected Sir,

Sub: On-Site CAD/CAM/CAE Training

We are happy to introduce our self as a leading CAD/CAM/CAE Training provider in TamilNadu Region. We are **Autodesk and PTC - Authorized Training cum Certification Centre** in this region and we are providing CAD/CAM/CAE software training as well as industrial solutions for the last 15 years. We have trained more than 18000 students which include both in-house and onsite training at various colleges.

The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting, keeping this in mind we pioneered our self to provide on-site CAD/CAM/CAE training at University, Engineering colleges and also in industries.

We are forwarding herewith our on-site training Proposal for your kind perusal seeking an opportunity to provide value added software training to your students and guide them to build their bright future.

Thanking You

For CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED,

CADD TECHNOLOGIES SCHOOL OF DESIGN PVT LTD. Gandhipuram Coimbatore

Varunkumar M, DGM – Operations
Cell: + 91 98421 04219.

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Company Profile

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

With the aim and commitment of providing quality training cum Industrial and Engineering solution to the companies as well as CAD aspirants **M/s.CADD Technologies** came in to inception. We started our journey on 20th Jan 2000 and slowly but the same time steadily we commenced our business outfits across TamilNadu. We started our training division in the name of M/s.CADD Technology and elevated the same as Private Limited Company from July 2012.This is our 16th year in the CAD/CAM Training Industry and having a strong planning in expanding our legs across **South India** and **Middle East**. We are having branches at Pollachi, Salem, Thirunelveli, Madurai and Chennai as of now.

The company is established by the dynamic group of directors who are in to Academic and Research field for more than a decade with a vision of providing Industrial requirement based engineering solutions by which it will have their own presence in overall growth of the Manufacturing and Civil Industry to whom the company got tieup.

We, M/s .CADD Technologies School of Design Private Limited, is an Authorized Training cum Certification Centre of M/s. Autodesk, as well as M/s. PTC in Tamilnadu region. We are providing Training cum engineering solutions to the students as well as companies in the areas like Design Engineering, Industrial Engineering, Manufacturing Engineering, Digital Prototyping and Building Information Modeling.

We have trained more than 20,000 students so far (Both at In-house as well as On-site) and have successfully placed sizable number of candidates in various domestic and MNCs to whom we got tie-up. We also have a Technical Advisory committee, which consists of eminent personalities from the leading industries of Coimbatore as well as professors and lecturers of various colleges of Coimbatore Region who are guiding us to serve the student community in a better way.

We have got our exclusive placement division namely M/s. CT HR Consultancy and we are providing free placement assistance through this division for the students who have completed training with us.

We have been awarded the All India Best New Authorized Training Centre (ATC) for the year 2012-13 by M/s. Autodesk, USA and we were the No 1 ATC in conducting Autodesk International Certification Drive for the year 2013-14 in Tamil Nadu. Also we are one among the India's Top 10 Autodesk ATC this year. We have also awarded **South India's best ATC** for the year 2012-13, 2013-14 and 2014-15 by **PTC**.

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Advantages to College for having tie-up with ATC:-

1. **M/s. Autodesk** has entered an MOU with **AICTE** and through which All Engineering colleges comes under AICTE are eligible for getting Free Licenses of Autodesk Products up to **125 seater** from AEP Portal with the support of Technical Team from us. The free software grant is worth about **80 Lakhs** and valid for 3 years.
2. It can utilized for the University Inspection and other accreditation purposes as the License Key will be issued on the College Name only and updated to AICTE directly on successful completion of Downloading.
3. No of License can be increased based on the MOU signed with ATC as the ATC can vouch the student strength and actual requirement.
4. **M/s. Autodesk** and **M/s. PTC** are conducting several design competition to the college students in State and national level. For all such competitions they are also conducting state level workshops for a day or two at some colleges which will be attended by students across Tamil Nadu. Every year we are conducting one day work shop on Autodesk Inventor, Revit and AutoCAD software at various colleges across Tamilnadu to give awareness about the application of Software and its industrial usage along with tips to students for design competition too.
5. **Faculty Development Programs** will be conducted in your college for the staff members your college and staff members from in and around colleges of your region with the technical support from **Autodesk and PTC certified Professionals** on latest Technologies.
6. **Guest Lecture by the Corporate Officials** as well as Industry Professionals may be organized by us.
7. Joint promotional activities for improving student's knowledge in Design Field.
8. Placement Assistance through our HR Division M/s. CT HR Consultancy.
9. Can Establish Student Design Club at your college and student can post their creative at Autodesk and PTC portal. Best creative may get them a job as it has been shared to the industries by both the parent companies.

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Advantages to the students when they appear for Professional Certification:-

1. Students will be provided **Training on Latest versions** of Software.
2. Students will be provided **Official Training Courseware** of **Autodesk and PTC.**
3. **Internationally Recognized Certificate with Unique Student ID.**
4. Students Name will be displayed in **M/s. Autodesk** as well as **M/s. PTC web Portal.**
5. **Students can use M/s. Autodesk Logo** in their **Resume** which will help them at the time of Interview.
6. **Free license** to Students also.
7. **Final Year Design projects** can be availed from both Autodesk and PTC.
8. **Students can attend all free webinars** organized by them time to time.
9. Students can get an exposure of Industrial Project while providing Training.
10. Student Expert Program can also be conducted at campus every year to motivate them

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Petrochemical Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
  - Construction Lines
  - Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

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Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

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JCT

JCT College of Engineering and Technology

Coimbatore-105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

Course: AUTOCAD

Day	1	2	10.45-11.00	3	4	12.30-01.10	5	6	7	8
	9.10-10.45			11.00-12.30			1.10 -5.00			
15/12/2016	Introduction, Course Trainer		BREAK	Mr.E.Sundar, Mr.R.Nivash		LUNCH BREAK	Mr.E.Sundar, Mr.R.Nivash			
16/12/2016	Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			
19/12/2016	Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			
20/12/2016	Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			
21/12/2016	Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			
22/12/2016	Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			
23/12/2016	Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			
24/12/2016	Mr.E.Sundar, Mr.R.Nivash			Mr.E.Sundar, Mr.R.Nivash			Assessment test, Feedback			

HOD

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

SI:NO	NAME	SIGNATURE OF THE STUDENTS
1	ABDUL VAHID PK	
2	ABILASH PS	
3	ABIN BABY	
4	AHAMED NASEEF KK	
5	ARAVINDH R	
6	ARAVINDRAJ K	
7	ARUN MUTHUKUMAR P	
8	DANIEL JOSEPH FS	
9	DANICE DAVIS	
10	DURAIKUMAR R	
11	EBIN TS	
12	FAVAS EP	
13	FAYEN FRANCIES	
14	GURU SABARISH B	
15	JANARATHANAN R	
16	JAVITH KHAN M	
17	JINAN DEV P	
18	JOAN GODWIN J	
19	JOHN ARCHIBALD B	
20	KALIMUTHU A	
21	KANNAN K	
22	KATHIRAVCHERAN S	

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23	KISHORE KUMAR R	
24	LITTIN BHASI	
25	MADAN KUMAR M	
26	MANI MARAN S	
27	MARUTHU PANDIAN P	
28	MOHAMED HARISH A	
29	MOHAMED ISMAIL K	
30	MUBASHIR C	
31	MURUGAN P	
32	NANDHINI DEVI KM	
33	PRADEEP G	
34	PRAKASH A	
35	PRANAV RAM	
36	PRAVEEN KUMAR V	
37	RAGUPATHI R	
38	RAHUL RAVEENDRAN M R	
39	RAJASEKAR S	
40	RAJKUMAR R	
41	RAMKUMAR A	
42	RANJITH SINGH A	
43	RAVINYA TC	
44	RAZAL ABDUL ALI	
45	REVA JAMES	
46	ALI S	
47	ALJAMAL J	

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48	ALWIN RAJ A	Raj
49	AMRUTH CHANDRAN	chandran.
50	ANANDHU C S	
51	ANISH KUMAR R	
52	DANISH JOSEPH	
53	DANLEY JOSE P	Jose
54	DHARMA PATEL M	Dharmapatel M
55	DHINESH RAJA V	Rajan. V.
56	DINAKARAN A	Dinakaran. A
57	MANO A	Manu.
58	ANURAJ RS	
59	CLINTON TERANCE	Terance
60	FEBIN JOHN	Febin John
61	JOMON K.A	Jomal. K.A
62	KALEESWARAN K	
63	MUHAMMED RASHID	Rashid
64	SILAMBARASAN S	
65	SIVARAJAN R	
66	SIVA VIGNESH V	Siva Vignesh
67	SUBAN K	Anton.
68	SURESH BABU	
69	SYAM PRASAD PS	
70	SYED ARSHATH A	Seyed Prasath. A

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

SI:NO	NAME	ID NO	13/2/16	14/2/16	15/2/16	20/2/16	8/3/16	21/3/16	23/3/16	31/3/16
1	ABDUL VAHID PK	IBD160139701	/	/	/	a	/	/	/	/
2	ABILASH P S	IBD160139702	/	/	/	/	/	/	/	/
3	ABIN BABY	IBD160139703	/	/	/	/	/	a	/	/
4	AHAMED NASEEF K K	IBD160139704	/	/	/	/	/	/	/	/
5	ARAVINDH R	IBD160139705	/	a	/	/	/	/	/	/
6	ARAVIND RAJ K	IBD160139706	/	/	/	/	/	/	/	/
7	ARUNMUTHUKUMAR P	IBD160139707	/	/	/	/	/	/	a	/
8	DANIEL JOSEPH F S	IBD160139708	/	/	/	a	/	/	/	/
9	DINCE DAVIS	IBD160139709	a	/	/	/	/	/	/	/
10	DURAIKANNU R	IBD160139710	/	/	/	/	/	/	/	/
11	EBIN T S	IBD160139711	/	/	/	/	/	/	/	/
12	FAVAS E P	IBD160139712	/	/	/	/	/	/	/	/
13	FAXEN FRANCIS	IBD160139713	/	/	/	/	/	/	a	/
14	GURU SABARISH B	IBD160139714	/	/	/	/	/	/	/	/
15	JANARTHANAN R	IBD160139715	/	/	/	/	/	/	/	/
16	JAVITH KHAN M	IBD160139716	/	/	/	/	a	/	/	/
17	JINAN DEV P	IBD160139717	/	/	/	/	/	/	/	/
18	JOAN GODWIN J	IBD160139718	/	/	/	/	/	/	/	/
19	JOHN ARCHIBALD B	IBD160139719	/	/	/	/	/	/	/	/
20	KALI MUTHU A	IBD160139720	/	/	/	/	/	/	/	/
21	KANNAN K	IBD160139721	/	/	/	/	/	a	/	/
22	KATHIRAVACHERAN S	IBD160139722	/	/	/	/	/	/	/	/
23	KISHORE KUMAR R	IBD160139723	/	a	/	/	/	/	/	/
24	LITTIN BHASI	IBD160139724	/	/	/	/	/	/	/	/
25	MADAN KUMAR M	IBD160139725	/	/	/	/	/	/	/	a

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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26	MANIMARAN S	IBD160139726								
27	MARUTHU PANDIAN P	IBD160139727								
28	MOHAMED HARISH A	IBD160139728								
29	MOHAMED ISMAIL K	IBD160139729								
30	MUBASHIR C	IBD160139730								
31	MURUGAN P	IBD160139731								
32	NANTHINI DEVI K M	IBD160139732								
33	PRADEEP G	IBD160139733								
34	PRAKASH A	IBD160139734								
35	PRANAV RAM	IBD160139735								
36	PRAVIN KUMAR V	IBD160139736								
37	RAGUPATHI R	IBD160139737								
38	RAHUL RAVEENDRAN M R	IBD160139738								
39	RAJASEKAR S	IBD160139739								
40	RAJKUMAR R	IBD160139740								
41	RAM KUMAR A	IBD160139741								
42	RANJITH SINGH A	IBD160139742								
43	RAVINYA T C	IBD160139743								
44	RAZAL ABDUL ALI	IBD160139744								
45	REVA JAMES	IBD160139745								
46	ALI S	IBD160139746								
47	ALJAMAL J	IBD160139747								
48	ALWIN RAJ A	IBD160139748								
49	AMRUTH CHANDRAN	IBD160139749								
50	ANANDHU C S	IBD160139750								
51	ANISH KUMAR R	IBD160139751								
52	DANISH JOSEPH	IBD160139752								
53	DANLEY JOSE P	IBD160139753								

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore - 641 105

54	DHARMA PATEL M	IBD160139754									
55	DHINESH RAJA V	IBD160139755									
56	DINAKARAN A	IBD160139756									
57	MANO A	IBD160139757									
58	ANURAJ R S	IBD160139758									
59	CLINTON TERANCE	IBD160139759									
60	FEBIN JOHN	IBD160139760									
61	JOMON K.A	IBD160139761									
62	KALEESWARAN K	IBD160139762									
63	MUHAMMED RASHID	IBD160139763									
64	SILAMBARASAN S	IBD160139764									
65	SIVARAJAN R	IBD160139765									
66	SIVA VIGNESH V	IBD160139766									
67	SUBAN K	IBD160139767									
68	SURESH BABU K	IBD160139768									
69	SYAM PRASAD P S	IBD160139769									
70	SYED ARSHATH A	IBD160139770									

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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Training Evaluation Form

Title of event: Autocad.

Date of event: 24/12/2016

Location of event: Jcl College of Engineering & technology.

Trainers: Mr. E. Sundher, Mr. R. Nivash

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging	✓	✓			
3.The presentation materials were relevant		✓			
4.The content of the course was organised and easy to follow	✓				
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length as appropriate		✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant		✓			
9.The venue was appropriate for the event		✓			

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10. What was most useful?

It's used for the improment the 3d diagram.

11. What was least useful?

It is used for the pipe line.

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

It's Improument of the Animated Viedos.

13. Would you recommend this course to colleagues? Yes/No Why?

Yes. Improment the Autocad.

14. Any other comments?

Excellent.

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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Training Evaluation Form

Title of event: Auto cad

Date of event: 24/12/2016

Location of event: JCT college of engineering and Technology

Trainers: mr. E. Sundhar. mr. A. Nivash.

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging	✓				
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow		✓			
5.The trainers were well prepared and able to answer any questions		✓			
6.The course length was appropriate	✓				
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant		✓			
9.The venue was appropriate for the event	✓				

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10. What was most useful?

Auto cad is used for the design of drawing

11. What was least useful?

It will be used for 3D diogram.

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

It's more improment of the 3d diagram.

13. Would you recommend this course to colleagues? Yes/No Why?

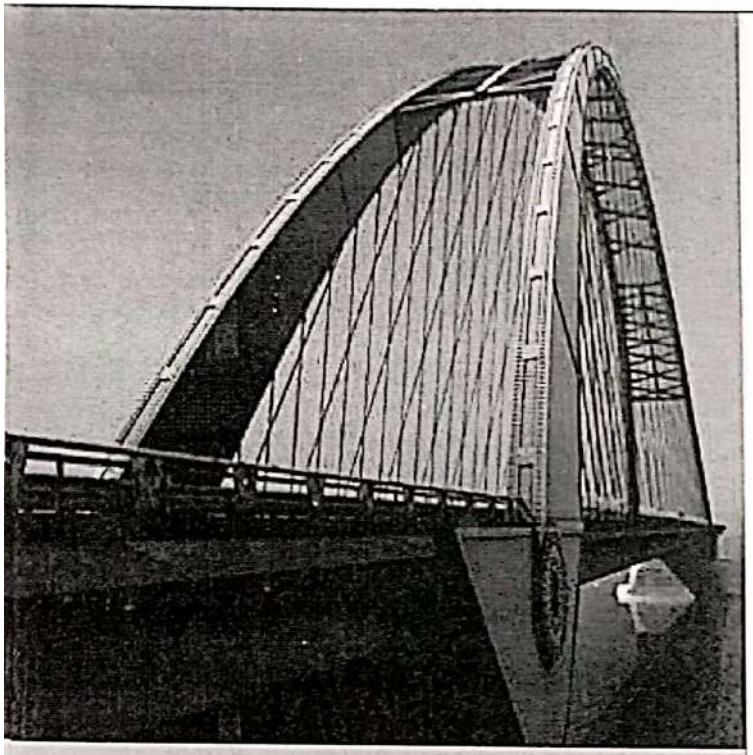
yes, It is improment of autocad.

14. Any other comments?

Good.

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : FAXEN FRANCIS

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139713

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

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

23.01.2017
DATE OF ISSUE

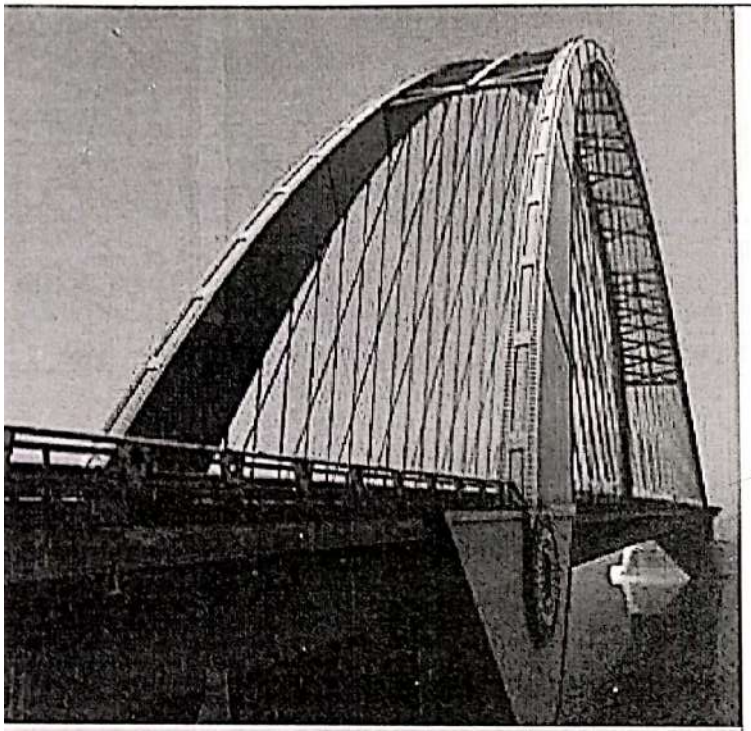
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Driving Digital Designs!

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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : DANIEL JOSEPH F S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139708

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

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VARUNKUMAR M
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23.01.2017
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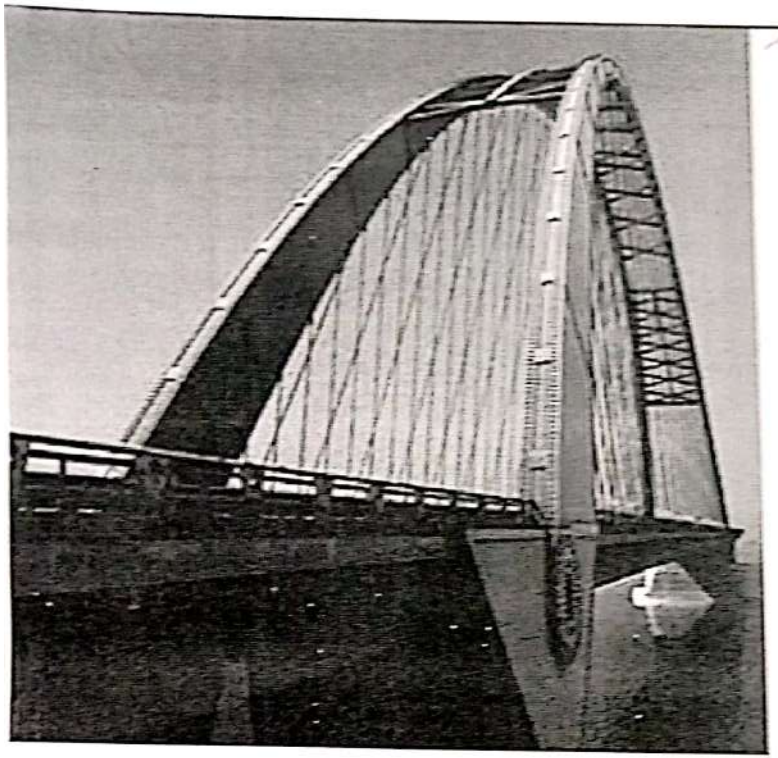
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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : DINCE DAVIS

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: IBD160139709

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

23.01.2017
DATE OF ISSUE

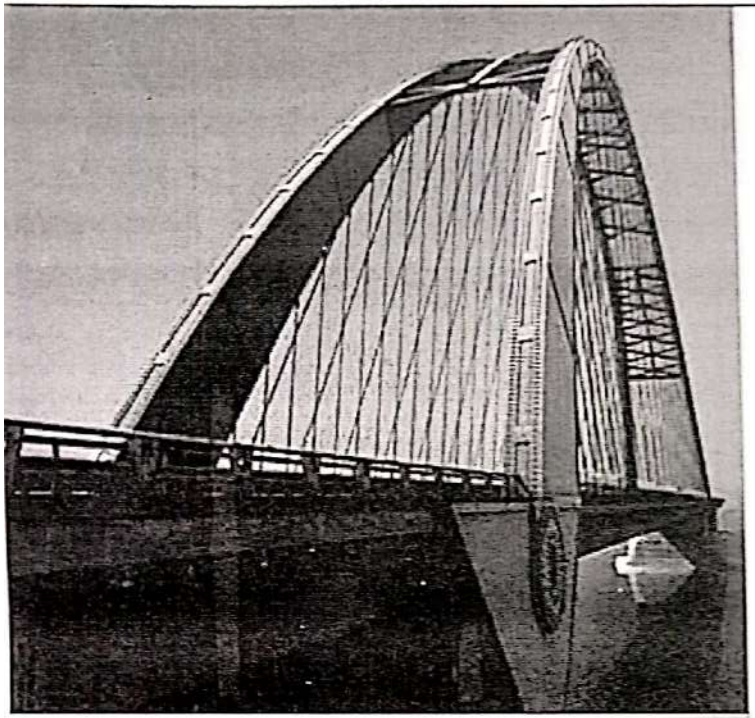
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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : EBIN T S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139711

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

MANAGING DIRECTOR

VARUNKUMAR M
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23.01.2017
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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : FAVAS E P

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139712

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

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

23.01.2017
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REG No: 72ap13159025
NAME: FAHED FRANCIS

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

18/20

1. How to make a random line with an angle of 40 degrees to the x axis
A.will write 0 <40 B.will write 2 <40 C.will write 3<40 D.will write 4 <40

2. Which of the following file extensions cannot open the AutoCAD
A.dwg B.dxf C.dot D.dws

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4. What is the command used for Plagiostomi angle?
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9. What is the difference of two regular 8-gonon, which is one inscribed and another circumscribed circle
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A.Monitors the changes in shape that fills B.Relates to the other hatch plan

Scanned by CamScanner

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REG No: 720917139015
NAME: Daniel Joseph.S

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

19/20

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REG No: 720913139021
NAME: DANCE DAVIS

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

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REG No: 12cp15122p023
NAME: Ebin S-3

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

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REG No: TKAP13P024
NAME: Fahas. EP

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

17/20

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JCT

From

Head of the Department

Department of Petrochemical Engineering,

JCT College of Engineering and Technology,

Coimbatore - 641105.

To

The Principal

JCT College of Engineering and Technology,

Coimbatore - 641105.

Dear Sir,

Sub: Requesting for permission to conduct a Certification course-Reg:

We would like to bring to your kind notice that the department of Petroleum Engineering is conducting a Certification course on **"FPSO Fundamentals and Design"**. We are bringing the industrial Experts from Meridian school of oil and gas, Chennai to take classes in our Department students during 05.08.16 to 12.08.16. I request you to give permission for the above on suitable dates.

Thanking you

Yours Sincerely,

Dr.S. Venkatesa Prabhu

25.07.2016

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

Principal

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING



We are glad to inform you that department of petroleum engineering is organizing a 1 week certification course on FPSO Fundamentals & Design. The course is conducted by Meridian School of Oil and Gas, Chennai.

The training program is scheduled from 05.10.2015-12.10.2015 between 9:00 am to 5:00 pm at Tutor Hall. The registration can be done up to 1 week before commencement of class. Kindly mail the duly filled form at training331@gmail.com

Course Objective

This course is aimed at equipping an engineer with appropriate knowledge and skills required in understanding the basics and design techniques of FPSO

Course Structure

SL.NO	MODULES	DURATION
01	Offshore Structures	8 hours
02	FPSO basics	8 hours
03	Design	10 hours
04	Industrial Applications, Environmental factors and their solution	9 hours

Eligibility : B.E / B.Tech fourth year students

Duration : 1 week

PRINCIPAL
JCT College of Engineering
Pichanur, Coimbatore

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MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

Time table

Course Name: FPSO Fundamentals & Design.

DAY	MODULES
Day 1	Offshore Structures
Day 2	FPSO basics
Day 3	Design
Day 4	Design
Day 5	Design
Day 6	Industrial Applications
Day 7	Industrial Applications

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Pichanur, Coimbatore - 641105

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE - 641105

TIME TABLE FOR CERTIFICATION COURSE

DAY 1

10.00-12:30	WELCOME SPEECH
12:30-1:30	LUNCH BREAK
1:30-3:30	CLASSES
3:30-3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 2 TO DAY 6

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	CLASSES
3:30 – 3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 7

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	ASSESSMENT EXAM
3:30 – 3:45	TEA BREAK
3:45-4:30	CLOSING FUNCTION

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

CIRCULAR

7.06.2016

Our Department has arranged a 1week course for our **fourth year** students in the topic **"FPSO fundamentals and design"**. We are bringing the industrial Experts from Meridian school of oil and gas, Chennai to take classes in our Department students during 05.08.16 to 12.08.16. All the students must attend these courses without fail. Contact your Class advisor for correspondence and information.

Time: 9am to 4 pm.

HOD-PE

Circulation to:

- IV year PE Class Room
- To be displayed on Notice Board.

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

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JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

ATTENDANCE SHEET FOR VALUE ADDED COURSE

Academic year 2016-2017

Name of the Academy: MERIDIAN SCHOOL OF OIL AND GAS

Name of the Program: FPSO FUNDAMENTALS AND DESIGN

no	Student name	4/8/16	6/8/16	8/8/16	9/8/16	10/8/16	11/8/16	12/8/16
1	ABDUL KADHER K I	✓	✓	✓	✓	✓	✓	✓
2	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓
3	ADHEEP N U	✓	✓	✓	✓	✓	✓	✓
4	AIMEN K M	✓	✓	✓	✓	✓	✓	✓
5	AMAL T	✓	✓	✓	✓	✓	✓	✓
6	ANANDHU R KRISHNA	✓	✓	✓	✓	✓	✓	✓
7	ANAND VIJAY KUMAR S	✓	✓	✓	✓	✓	✓	✓
8	ANTONY VINITH S L	✓	✓	✓	✓	✓	✓	✓
9	ARUN KUMAR .A	✓	✓	AB	✓	✓	✓	✓
10	ARVIND VIMALAN	✓	✓	✓	✓	✓	✓	✓
11	GANDHIRAJAN K	✓	✓	✓	✓	✓	✓	✓
12	HABEEB RAHMAN T.P	✓	✓	✓	✓	✓	✓	✓
13	HARIHARAN R	✓	✓	✓	✓	✓	✓	✓
14	HARISHEEKAR C	✓	✓	✓	✓	✓	✓	✓
15	HEMANAGESWAR K	✓	✓	✓	✓	✓	✓	✓
16	HENDO KURIAN	✓	✓	✓	✓	✓	✓	✓
17	HRISHIKESH E.V.G	✓	✓	✓	AB	✓	✓	✓
18	JACKS JOSE	✓	✓	✓	✓	✓	✓	✓
19	JEFFIN THOMAS	✓	✓	✓	✓	✓	✓	✓
20	JEYARAGHAV R S	✓	✓	✓	✓	✓	✓	✓
21	KARTHICK S	✓	✓	✓	✓	✓	✓	✓
22	KRISHNAMOORTHI R	✓	✓	✓	✓	✓	✓	✓
23	MANICKAVASAGAN S	✓	✓	✓	✓	✓	✓	✓
24	MEHROS MOHSIN P.V	✓	✓	✓	✓	✓	AB	✓
25	MOHAMED ALI BAGATH S	✓	✓	✓	✓	✓	✓	✓
26	MOHAMMED C	✓	✓	✓	✓	✓	✓	✓
27	MUHAMMED ANFAL E A	✓	✓	✓	✓	✓	✓	✓

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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

	MUHAMMED FAYIS BASHEER C M							
29	NAVNEETHRAJESHKUMAR							
30	PRADHAP T							
31	R.PRASANNA VENKATESH							
32	V RAGUL							
33	RANJITH M							
34	RAVIKUMAR T	AB		AB				
35	SABARINATH E			AB		AB		
36	SALMAN.M.ISMAIL			AB				
37	SARATH KUMAR S							
38	SHAJIN M H					AB		
39	SHATHYAN P							
40	SHIDEV K.D							
41	SRIKANTH S							
42	SUBIN U S							
43	SURYARAJ K							
44	VELMURUGAN S							
45	VIBHAKAR G							
46	VIGNESH A							
47	VINOD MEERAN							
48	SANKAR PANDI							
49	M. HARISH							

HOD
Department of Petroleum Engineering

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MERIDIAN

FACULTY MEMBER PROFILE

FOR THE TRAINING PROGRAMME CONDUCTED IN

FPSO FUNDAMENTALS AND DESIGN

PERSONAL INFORMATION:

NAME: NAVEEN R

TITLE(S)/ POSITION(S): TRAINER, MARKETING MANAGER

PRIMARY DEPARTMENT/ DIVISION: PETROLEUM OPERATIONS DEPARTMENT

DEPARTMENT CHAIR: NO

GENDER: MALE ETHNICITY: TAMIL NADU

DEGREES AND OTHER CREDENTIALS:

DEGREES AWARDED:

BTECH : ERODE SENGUNTHAR ENGINEERING COLLEGE (CGPA 7.9)

MTECH : PM COLLEGE OF ENGINEERING, SONEPATH (CGPA 8.98)

OTHER CREDENTIALS CURRENTLY HELD OR TRAINING COMPLETED:

COMPLETED 6 MONTHS TRAINING ON OIL AND GAS EXTRACTION EQUIPMENTS AT MERIDIAN SCHOOL OF OIL AND GAS, CHENNAI

COMPLETED 3 MONTHS ONLINE COURSE ON MATLAB CONDUCTED BY STANFORD UNIVERSITY

COMPLETED 2 MONTHS COURSE FROM EMERALD GOLDEN AUTOMATION INDIA ON THE TOPIC ADVANCED DIPLOMA IN OIL&GAS PIPING

EXPERIENCE: 6 YEARS

CURRENTLY EMPLOYED AS THE TRAINING INCHARGE FOR THE OIL AND GASES COURSES AT MERIDIAN SCHOOL OF OIL AND GAS,CHENNAI.

WORKED IN COCHIN COLLEGE OF ENGINEERING IN CHEMICAL DEPARTMENT FOR 1 YEAR

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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Hariharan. R ----------Sex (M/F): M
Department: Petroleum Engineering E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: MUHAMMED NAUFAL. A ----- Sex (M/F): M

Department: PE ---------- E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: MERIDIAN SCHOOL OF OIL AND GAS

[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 PETROLEUM ENGINEERING

Student Feedback

Name of the Student:---------MANOJ. I----------Sex (M/F): ---M

Department: ---------PE---------- E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ---MERIDIAN SCHOOL OF OIL AND GAS

[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)		✓		
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10. Overall rating		✓		

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DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Arun Kumar. A Sex (M/F): M

Department: Petroleum Engineering E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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 PETROLEUM ENGINEERING

Student Feedback

Name of the Student: FLAWEN JEO MATHEW Sex (M/F): M

Department: PE E-mail

Address: mobile

Students are required to rate the courses

Name of the Trainer: MERIDIAN SCHOOL OF OIL AND GAS

[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		✓		
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9. Provision of sufficient time for feedback		✓		
10. Overall rating		✓		

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CERTIFICATE

MERIDIAN
SCHOOL OF
OIL AND GAS

Olltech
ENGINEERING

ARUN KUMAR .A

This is to certify that the above mentioned student of Fourth Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Fundamentals and Design"

CERTIFICATE NO: MSOGPSO52016A021
PERIOD: 05.08.2016 to 12.08.2016

13.09.2016
Date

Authorised Signature

www.meridian.edu.in

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JCT College of Engineering
Pichanur, Coimbatore-641 105

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CERTIFICATE

MERIDIAN SCHOOL OF OIL AND GAS

Olltech ENGINEERING

ANTONY VINITH S L

This is to certify that the above mentioned student of Fourth Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Fundamentals and Design"

CERTIFICATE NO: MSOGPSO52016A020
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CERTIFICATE

MERIDIAN
SCHOOL OF
OIL AND GAS

Olltech
ENGINEERING

ADHEEP N U

This is to certify that the above mentioned student of Fourth Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Fundamentals and Design"

CERTIFICATE NO: MSOGPSO52016A015
PERIOD: 05.08.2016 to 12.08.2016

13.09.2016
Date

Authorised Signature

www.meridian.edu.in

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CERTIFICATE

MERIDIAN SCHOOL OF OIL AND GAS

Olltech ENGINEERING

ABHIJITH S

This is to certify that the above mentioned student of Fourth Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Fundamentals and Design"

CERTIFICATE NO: MSOGPSO52016A014
PERIOD: 05.08.2016 to 12.08.2016

13.09.2016
Date

Authorised Signature

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CERTIFICATE

MERIDIAN SCHOOL OF OIL AND GAS

Olltech ENGINEERING

ABDUL KADHER K I

This is to certify that the above mentioned student of Fourth Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Fundamentals and Design"

CERTIFICATE NO: MSOGPSO52016A013
PERIOD: 05.08.2016 to 12.08.2016

13.09.2016
Date

Authorised Signature

www.meridian.edu.in

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MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

CERTIFICATION COURSE EXAMINATION

FPSO Fundamentals And Design

20

CONDUCTED BY: Meridian School Of Oil And Gas

DATE: 12.08. 2016

NAME OF STUDENT: Anandhu R. krishna.

TOTAL TIME: 120 MINUTES

TOTAL MARKS: 20

1.Higher efficiency in the combustion of solid fuel can not be achieved by

A. proper fuel preparation.

B. keeping the flue gas exhaust temperature very high.

C. adopting efficient-fuel firing technique & equipment.

D. supplying correct quantity of combustion air.

2 Gross and net calorific value of a fuel will be the same

A. if its ash content is zero.

B. ifits carbon content is very low.

C. ifits hydrogen/hydrogen compound content is zero.

D. under no circumstances.

3.Natural draught produced by a chimney depends upon the

A. density of the chimney gases.

B. height of the chimney.

C. both (a) and (b).

D. neither (a) nor (b).

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6. What do you mean by mooring?

A. Anchors

B. Pile

C. Caissons

D. Storing

7. TLP is an:

A. Offshore structure

B. Onshore structure

C. Both of them

D. None of these

8. Thicknessof a vessel is:

A. Thickness + corrosion allowance

B. Thickness + radiation allowance

C. Thickness+ head allowance

D. None of these

9) Which head can withstand the highest pressure?

A. Torishperical head

B. Hemispherical head

C. Elliptical head

D. None of these

10) Knuckle radius is related to:

A. Torishperical head

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B. Hemispherical head

C. Elliptical head

D. None of these

11. The antifriction bearings

A. have low starting and low running friction at moderate speeds

B. have high initial cost

C. can carry both radial and thrust loads

D. all of these

12. A shaft coupling should

A. be easy to connect or disconnect

B. transmit full power of the shaft

C. hold the shafts in perfect alignment

D. all of these

13. In the levers of first type, the mechanical advantage is _____ one.

A. less than

B. equal to

C. more than

14. The shear stress at a point in a shaft subjected to a torque is

A. directly proportional to the polar moment of inertia and to the distance of the point from the axis

B. directly proportional to the applied torque and inversely proportional to the polar moment of inertia

C. directly proportional to the applied torque and the polar moment of inertia

D. inversely proportional to the applied torque and the polar moment of inertia

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15. Oldham coupling is used to connect two shafts

A. which are perfectly aligned

B. which are not in exact alignment

C. which have lateral misalignment

D. whose axes intersect at a small angle

16. In a partial journal bearing, the angle of contact of the bearing with the journal is

A. 120°

B. 180°

C. 270°

D. 360°

17. Two concentric helical springs used to provide greater spring force are wound is opposite direction.

A. True

B. False

18. In cylindrical cams, the follower moves

A. in a direction perpendicular to the cam axis

B. in a direction parallel to the cam axis

C. in any direction irrespective of cam axis

D. along the cam axis

19. In a transverse fillet welded joint, the size of weld is _____ the throat of weld.

A. 0.5 times

B. equal to

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C. 2 times

D. double

20. When an open coiled helical compression spring is subjected to an axial compressive load, the maximum shear stress induced in the wire is (where D = Mean diameter of the spring coil, d = Diameter of the spring wire, K = Wahl's stress factor, and W = Axial compressive load on the spring)

A. $\frac{WD}{\pi d^3} \times K$

B. $\frac{2\,WD}{\pi d^3} \times K$

C. $\frac{4\,WD}{\pi d^3} \times K$

D. $\frac{8\,WD}{\pi d^3} \times K$

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CERTIFICATION COURSE EXAMINATION

20

FPSO Fundamentals And Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.08.2016

TOTAL MARKS: 20

NAME OF STUDENT: Sarath kumar S

1.Higher efficiency in the combustion of solid fuel can not be achieved by

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B. Hemispherical head

C.Elliptical head

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(20)

MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

CERTIFICATION COURSE EXAMINATION

FPSO Fundamentals And Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.08. 2016

TOTAL MARKS: 20

NAME OF STUDENT: Shajin . M.H

1.Higher efficiency in the combustion of solid fuel can not be achieved by

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A. 120°

B. 180°

C. 270°

D. 360°

17. Two concentric helical springs used to provide greater spring force are wound is opposite direction.

A. True

B. False

18. In cylindrical cams, the follower moves

A. in a direction perpendicular to the cam axis

B. in a direction parallel to the cam axis

C. in any direction irrespective of cam axis

D. along the cam axis

19. In a transverse fillet welded joint, the size of weld is _____ the throat of weld.

A. 0.5 times

B. equal to

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C. 2 times

D. double

20. When an open coiled helical compression spring is subjected to an axial compressive load, the maximum shear stress induced in the wire is (where D = Mean diameter of the spring coil, d = Diameter of the spring wire, K = Wahl's stress factor, and W = Axial compressive load on the spring)

A. $\frac{WD}{\pi d^3} \times K$

B. $\frac{2\,WD}{\pi d^3} \times K$

C. $\frac{4\,WD}{\pi d^3} \times K$

D. $\frac{8\,WD}{\pi d^3} \times K$

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MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

CERTIFICATION COURSE EXAMINATION

18

FPSO Fundamentals And Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.08.2016

TOTAL MARKS: 20

NAME OF STUDENT: Ravi kumar T

1.Higher efficiency in the combustion of solid fuel can not be achieved by

A. proper fuel preparation.

B. keeping the flue gas exhaust temperature very high.

C. adopting efficient-fuel firing technique & equipment.

D. supplying correct quantity of combustion air.

2.Gross and net calorific value of a fuel will be the same

A. if its ash content is zero.

B. ifits carbon content is very low.

C. ifits hydrogen/hydrogen compound content is zero.

D. under no circumstances.

3.Natural draught produced by a chimney depends upon the

A. density of the chimney gases.

B. height of the chimney.

C. both (a) and (b).

D. neither (a) nor (b).

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6. What do you mean by mooring?

A. Anchors

B. Pile

C.Caissons

D.Storing

7.TLP is an:

A.Offshore structure

B. Onshore structure

C.Both of them

D.None of these

8. Thicknessof a vessel is:

A. Thickness + corrosion allowance

B. Thickness + radiation allowance

C. Thickness+ head allowance

D.None of these

9) Which head can withstand the highest pressure?

A.Torishperical head

B.Hemispherical head

C.Elliptical head

D.None of these

10) Knuckle radius is related to:

A.Torishperical head

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B. Hemispherical head

C.Elliptical head

D.None of these

11. The antifriction bearings

A. have low starting and low running friction at moderate speeds

B. have high initial cost

C. can carry both radial and thrust loads

D. all of these

12. A shaft coupling should

A. be easy to connect or disconnect

B. transmit full power of the shaft

C. hold the shafts in perfect alignment

D. all of these

13. In the levers of first type, the mechanical advantage is _____ one.

A. less than

B. equal to

C. more than

14. The shear stress at a point in a shaft subjected to a torque is

A. directly proportional to the polar moment of inertia and to the distance of the point from the axis

B. directly proportional to the applied torque and inversely proportional to the polar moment of inertia

C. directly proportional to the applied torque and the polar moment of inertia

D. inversely proportional to the applied torque and the polar moment of inertia

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15. Oldham coupling is used to connect two shafts

A. which are perfectly aligned

B. which are not in exact alignment

C. which have lateral misalignment

D. whose axes intersect at a small angle

16. In a partial journal bearing, the angle of contact of the bearing with the journal is

A. 120°

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17. Two concentric helical springs used to provide greater spring force are wound is opposite direction.

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MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

CERTIFICATION COURSE EXAMINATION

FPSO Fundamentals And Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.08. 2016

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NAME OF STUDENT: Pradhap. T

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Department of Automobile Engineering

TÜV AUSTRIA

Report of Certification Programme – FPSO Fundamentals and Design

The Department of Petroleum Engineering organized a certification course on FPSO Fundamentals and Design, from 05.08.2016 to 12.08.2016. The resource person for this program was **Mr.N.Naveen**, Senior Trainer, Meridian School of Oil and Gas, Chennai. The program started with the prayer song. The welcome address was given by Mr.Venkatesa Prabhu , Head of the Department, Department of Petroleum Engineering. The Felicitation address was given by Dr.G Ramesh, Principal of JCT College of Engineering and Technology, Coimbatore. The Introduction about the Chief Guest was given by Mr. Hariharan A, 4th year Petroleum Engineering. The chief guest first gave an introduction on offshore structures. He then explained about the drilling procedure and problems encountered

He said about the designing of FPSO. He talked about the job opportunities related to oil fields.

The atmosphere of the Vocational Educational Program was very interesting. We learned a lot from the 1 week Program and were satisfied with the answers from the trainer. Mr Hariharan R, 4th year Petroleum Engineering concluded with a vote of thanks.

HOD/PE

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DEPARTMENT OF PETROLEUM ENGINEERING

Academic year 2016-2017

Name of the Academy: MERIDIAN SCHOOL OF OIL AND GAS

Name of the Program: FPSO FUNDAMENTALS AND DESIGN

MARKS OBTAINED

	NAME	MARKS OBTAINED OUT OF 100
	ABDUL KADHER K I	50
	ABHIJITH S	60
	ADHEEP N U	50
	AIMEN K M	40
	AMAL T	70
	ANANDHU R KRISHNA	80
	ANAND VIJAY KUMAR S	90
	ANTONY VINITH S L	50
	ARUN KUMAR .A	60
	ARVIND VIMALAN	40
	GANDHIRAJAN K	50
	HABEEB RAHMAN T.P	60
	HARIHARAN R	40
	HARISHEEKAR C	50
	HEMANAGESWAR K	60
	HENDO KURIAN	90
	HRISHIKESH E.V.G	80
	JACKS JOSE	80
	JEFFIN THOMAS	70
	JEYARAGHAV R S	80
	KARTHICK S	90
	KRISHNAMOORTHI R	80
	MANICKAVASAGAN S	70
	MEHROS MOHSIN P.V	60
	MOHAMED ALI BAGATH S	50
	MOHAMMED C	40
	MUHAMMED ANFAL E A	80

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DEPARTMENT OF PETROLEUM ENGINEERING

	MUHAMMED FAYIS BASHEER C.M	90
	NAVNEETHRAJESHKUMAR	50
	PRADHAP T	50
	R.PRASANNA VENKATESH	60
	V RAGUL	40
	RANJITH M	20
	RAVIKUMAR T	50
	SABARINATH E	60
	SALMAN.M.ISMAIL	90
	SARATH KUMAR S	80
	SHAJIN M.H	70

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College of Engineering and Tech...

From

Head of the Department

Department of Petrochemical Engineering,

JCT College of Engineering and Technology,

Coimbatore - 641105.

To

The Principal

JCT College of Engineering and Technology,

Coimbatore - 641105.

Dear Sir,

Sub: Requesting for permission to conduct a Certification course-Reg:

We would like to bring to your kind notice that the department of Petroleum Engineering is conducting a Certification course on **"Fundamentals of VFD and MMI"**. We are bringing the industrial Experts from Techno Crat Automation, Chennai to take classes in our Department students during 18.06.16 to 25.06.16 I request you to give permission for the above on suitable dates.

Thanking you

Yours Sincerely,

Dr.S. Venkatesa Prabhu

30.05.2016

Principal

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JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

CIRCULAR

7.05.2016

Our Department has arranged 1 week course for our **fourth year** students in the topic **"Fundamentals of VFD and MMI"**. We are bringing the industrial Experts from Techno Crat Automation, Chennai to take classes in our Department students during 18.06.16 to 25.06.16. All the students must attend these courses without fail. Contact your Class advisor for correspondence and information.

HOD-PE

Circulation to:

- IV year PE Class Room
- To be displayed on Notice Board.

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Technocrat Automation

FACULTY MEMBER PROFILE
FOR THE TRAINING PROGRAMME CONDUCTED IN
FUNDAMENTALS OF VFD AND MMI

PERSONAL INFORMATION:

NAME: A KARTHIK

TITLE(S)/ POSITION(S): TRAINER, MARKETING EXCECUTIVE

PRIMARY DEPARTMENT/ DIVISION: AUTOMATIONS DIVISION

DEGREES AND OTHER CREDENTIALS:

DEGREES AWARDED:

BTECH : MODEL RESIDENTIAL POLYTECHNIC COLLEGE (CGPA 8.98)

OTHER CREDENTIALS CURRENTLY HELD OR TRAINING COMPLETED:

COMPLETED PG DIPLOMA IN PIPING & PIPELINE ENGINEERING FROM EMERALD GOLDEN AUTOMATION INDIA

COMPLETED 3 MONTHS MARINE AUTOMATION COURSE FROM EMERALD GOLDEN AUTOMATION INDIA

COMPLETED 5 MONTHS COURSE OF COMPUTER PROGGAMMING IN PYTHON FROM G TECH COMPUTER EDUCATION, PALAKKAD

EXPERIENCE: 2 YEARS

WORKED IN PIONEER COLLEGE OF ENGINEERING,KOLLAM IN CHEMICAL DEPARTMENT FOR 1 YEAR

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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

TECHNOCRAT
Technocrat Automation

We are glad to inform you that department of petroleum engineering is organizing a 1 week certification course in Fundamentals of VFD & MMI. The course is conducted by Technocrat Automations, Chennai.

The training program is scheduled from 18.06.2016-25.06.2016 between 9:00 am to 5:00 pm at Tutor Hall. The registration can be done up to 1 week before commencement of class. Kindly mail the duly filled form at training331@gmail.com

Course Objective

This course is aimed at equipping an Engineer with appropriate knowledge and skills required in configuring, programming and operating Industrial automation systems with the use of Industrial Field Instruments VFD and MMI.

Course Structure

SL.NO	MODULES	DURATION
01	Industrial Applications	8 hours
02	Basics Of VFD	8 hours
03	Basics Of MMI	10 hours
04	Software workshop	9 hours

Eligibility: B E / B Tech Fourth year students

Duration: 1 week

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PICHANUR, COIMBATORE - 641105

TIME TABLE FOR CERTIFICATION COURSE

DAY 1

10:00-12:30	WELCOME SPEECH
12:30-1:30	LUNCH BREAK
1:30-3:30	CLASSES
3:30-3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 2 TO DAY 6

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	CLASSES
3:30 – 3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 7

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	ASSESSMENT EXAM
3:30 – 3:45	TEA BREAK
3:45-4:30	CLOSING FUNCTION

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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

ATTENDANCE SHEET FOR VALUE ADDED COURSE

Academic year 2016-2017

Name of the Academy: TECHNOCRAT AUTOMATION

Name of the Program: FUNDAMENTALS OF VFD AND MMI

no	Student name							
1	ABDUL KADHER K I	✓	✓	✓	✓	✓	✓	✓
2	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓
3	ADHEEP N U	✓	✓	✓	✓	AB	✓	✓
4	AIMEN K M	✓	✓	✓	✓	AB	✓	✓
5	AMAL T	AB	✓	✓	✓	✓	✓	✓
6	ANANDHU R KRISHNA	✓	✓	✓	✓	✓	✓	AB
7	ANAND VIJAY KUMAR S	✓	✓	✓	✓	✓	✓	✓
8	ANTONY VINITH S L	✓	AB	✓	✓	✓	✓	✓
9	ARUN KUMAR .A	✓	✓	✓	✓	✓	✓	✓
10	ARVIND VIMALAN	✓	✓	✓	✓	✓	✓	✓
11	GANDHIRAJAN K	✓	✓	✓	✓	AB	✓	✓
12	HABEEB RAHMAN T.P	✓	✓	✓	✓	✓	✓	✓
13	HARIHARAN R	✓	✓	✓	✓	✓	✓	✓
14	HARISHEEKAR C	AB	✓	✓	✓	✓	✓	✓
15	HEMANAGESWAR K	✓	✓	✓	✓	✓	✓	✓
16	HENDO KURIAN	✓	✓	✓	✓	✓	✓	✓
17	HRISHIKESH E.V.G	✓	✓	✓	✓	✓	✓	✓
18	JACKS JOSE	✓	✓	✓	✓	✓	✓	✓
19	JEFFIN THOMAS	✓	✓	✓	✓	✓	✓	✓
20	JEYARAGHAV R S	✓	✓	AB	✓	✓	✓	✓
21	KARTHICK S	✓	✓	AB	✓	✓	✓	✓
22	KRISHNAMOORTHI R	✓	✓	✓	✓	✓	✓	✓
23	MANICKAVASAGAN S	✓	✓	✓	✓	✓	✓	✓
24	MEHROS MOHSIN P.V	✓	✓	✓	✓	AB	✓	✓
25	MOHAMED ALI BAGATH S	✓	✓	✓	✓	✓	✓	✓
26	MOHAMMED C	✓	✓	✓	✓	✓	✓	✓
27	MUHAMMED ANFAL E A	✓	✓	✓	✓	✓	✓	AB

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DEPARTMENT OF PETROLEUM ENGINEERING

28	MUHAMMED FAYIS BASHEER C.M	✓	✓	✓	✓	✓	✓	AB
29	NAVNEETHRAJESHKUMAR	✓	✓	✓	✓	✓	✓	✓
30	PRADHAP T	✓	✓	✓	✓	✓	✓	✓
31	R.PRASANNA VENKATESH	✓	✓	✓	✓	✓	✓	✓
32	V RAGUL	✓	✓	AB	✓	✓	✓	✓
33	RANJITH M	✓	✓	✓	✓	✓	✓	✓
34	RAVIKUMAR T	✓	✓	✓	✓	AB	✓	✓
35	SABARINATH E	✓	✓	✓	✓	✓	✓	✓
36	SALMAN.M.ISMAIL	✓	✓	✓	✓	✓	✓	✓
37	SARATH KUMAR S	AB	✓	AB	✓	✓	✓	✓
38	SHAJIN M H	✓	✓	✓	✓	✓	✓	✓
39	SHATHYAN P	✓	✓	✓	✓	✓	✓	✓
40	SHIDEV K.D	✓	✓	✓	✓	✓	✓	✓
41	SRIKANTH S	✓	✓	✓	✓	✓	✓	✓
42	SUBIN U S	✓	✓	✓	✓	✓	✓	✓
43	SURYARAJ K	✓	✓	✓	✓	✓	✓	✓
44	VELMURUGAN S	✓	✓	✓	✓	✓	✓	✓
45	VIBHAKAR G	AB	✓	✓	✓	✓	✓	✓
46	VIGNESH A	✓	✓	✓	✓	✓	✓	✓
47	VINOD MEERAN	✓	✓	✓	✓	✓	✓	✓
48	SANKAR PANDI	✓	✓	✓	✓	✓	✓	✓
49	M. HARISH	✓	✓	✓	✓	✓	✓	AB

HOD
Department of Petroleum Engineering

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Technocrat Automation

20

CERTIFICATION COURSE EXAMINATION

FUNDAMENTALS OF VFD AND MMI

CONDUCTED BY: Technocrat Automation

TOTAL TIME: 120 MINUTES

DATE: 25.06. 2016

TOTAL MARKS: 20

NAME OF STUDENT: Abdul Khader

Which of the following is an undesirable dynamic characteristic of an instrument ?

A. Reproducibility

B. Dead zone

C. Time lag

D. Static error

Which of the following is not the triple point of water ?

A. 32°R

B. 273°K

C. 492°R

D. 32°F

Pick out the one which is a first order instrument.

A. Mercury in glass thermometer (without any covering or air gap).

B. Bare metallic thermometer.

C. Bare vapor pressure thermometer.

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D. All (a), (b) and (c).

Load cells are used for the measurement of

A. stress

B. weight

C. strain

D. velocity

Which of the following is the dynamic characteristics of an instrument ?

A. Reproducibility

B. Sensitivity

C. Dead zone

D. Fidelity

Pick out the wrong statement.

A. O2, NO and NO2 exhibit paramagnetic properties as a result of unpaired electrons.

B. CO2 is the strongest paramagnetic gas.

C. Paramagnetic susceptibility of gases decreases with temperature.

D. Paramagnetic susceptibility of gases permits the measurement of their concentration.

The _____ of a vapor pressure thermometer is a functioning element.

A. pointer

B. bourdon tube

C. bulb

D. none of these

A negative gain margin expressed in decibels means a/an _____ system.

A. stable

B. unstable

C. critically damped

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D. none of these

Thermistor, which has high temperature co-efficient of resistivity, is used as the sensing element in resistance thermometer. It is a/an

A. insulator

B. conductor

C. solid semi-conductor

D. liquid semi-conductor

Flapper nozzle is used in a/an _____ controller.

A. electronic

B. hydraulic

C. pneumatic

D. none of these

Typical specifications for design stipulates the gain margin and phase margin to be respectively

A. >1.7 and > 30°

B. < 1.7 and > 30°

C. < 1.7 and < 30°

D. > 1.7 and < 30°

Working principle of radiation pyrometer is based on the

A. Wien's law

B. Kirchoffs law

C. Stafan-Boltzmanlaw

D. Seebeck effect

Which of the following relates the emf. generated in a single homogeneous wire to the temperature difference ?

A. Peltier effect

B. Thomson effect

C. Seebeck effect

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D. none of these

Dilute wine was used as a thermometric liquid initially to develop temperature scale. First emperical temperature scale developed was the _____ scale.

A. Kelvin

B. Centigrade

C. Fahrenheit

D. Reaumer

In a single tank system, the transfer function of level to inlet flow rate is

A. R/TS

B. $R/(TS + 1)$

C. $1/(TS + 1)$

D. $1/TS$

A non-linear chemical system is exemplified by a/an

A. isothermal CSTR

B. mixer

C. non-isothermal CSTR

D. none of these

The transfer function for an ideal proportional plus reset controller (reset time T) is

A. $K_c\left(1 + \frac{1}{TS}\right)$

B. $Kc(1 + TS)$

C. $\frac{K_c}{1 + TS}$

D. $\frac{K_c}{1 + \frac{S}{T}}$

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Gas chromatography is used for the measurement of

A. temperature

B. pressure

C. concentration

D. flow rate

Which of the following thermocouples can measure the maximum temperature ?

A. Platinum-rhodium

B. Tungsten-molybdenum

C. Chromel-alumel

D. Iron-constantan

Paramagnetism method is not used for the composition determination of _____ in gases.

A. oxygen

B. oxides of nitrogen

C. carbon dioxide

D. any of these

An amplitude ratio of 0.1 corresponds to _____ decibels.

A. 20

B. -20

C. 10

D. -10

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

Academic year 2016-2017

Name of the Academy: TECHNOCRAT AUTOMATION

Name of the Program: FUNDAMENTALS OF VFD AND MMI

MARKS OBTAINED

	NAME	MARKS OBTAINED OUT OF 100
	ABDUL KADHER K I	100
	ABHIJITH S	100
	ADHEEP N U	100
	AIMEN K M	50
	AMAL T	40
	ANANDHU R KRISHNA	60
	ANAND VIJAY KUMAR S	40
	ANTONY VINITH S L	50
	ARUN KUMAR .A	70
	ARVIND VIMALAN	70
	GANDHIRAJAN K	70
	HABEEB RAHMAN T.P	70
	HARIHARAN R	70
	HARISHEEKAR C	70
	HEMANAGESWAR K	70
	HENDO KURIAN	70
	HRISHIKESH E.V.G	80
	JACKS JOSE	70
	JEFFIN THOMAS	70
	JEYARAGHAV R S	70
	KARTHICK S	90
	KRISHNAMOORTHI R	50
	MANICKAVASAGAN S	50
	MEHROS MOHSIN P.V	60
	MOHAMED ALI BAGATH S	40
	MOHAMMED C	70
	MUHAMMED ANFAL E A	80

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DEPARTMENT OF PETROLEUM ENGINEERING

	MUHAMMED FAYIS BASHEER C.M	90
	NAVNEETHRAJESHKUMAR	70
	PRADHAP T	40
	R.PRASANNA VENKATESH	50
	V RAGUL	60
	RANJITH M	80
	RAVIKUMAR T	90
	SABARINATH E	70
	SALMAN.M.ISMAIL	50
	SARATH KUMAR S	50
	SHAJIN M.H	50

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16-17 VFD

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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Arun Kumar. A ----------Sex (M/F): ----

Department: Petroleum Engineering E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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TÜV AUSTRIA [redacted]

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Karthik -S Sex (M/F): ---

Department: Petroleum Engineering E-mail ---

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Chandhirajan.K ----------Sex (M/F): ----
Department: ----Petroleum Engineering E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Pradap .T ----------Sex (M/F): ----
Department: ---Petroleum Engineering E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Jacks Jose ---------- Sex (M/F): ----
Department: Petroleum Engineering E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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CERTIFICATE

This is to certify that Mr/Ms *ADHEEP N U* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Fundamentals of VFD and MMI" from 16.06.2016 to 25.06.2016 organized by Technocrat Automation Solutions Pvt Ltd.

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CERTIFICATE

This is to certify that Mr/Ms *ABHIJITH S* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on "Fundamentals of VFD and MMI" from 16.06.2016 to 25.06.2016 organized by Technocrat Automation Solutions Pvt Ltd.

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IAO

CERTIFICATE

This is to certify that Mr/Ms *ABDUL KADHER K I* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on "Fundamentals of VFD and MMI" from 16.06.2016 to 25.06.2016 organized by Technocrat Automation Solutions Pvt Ltd.

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CERTIFICATE

This is to certify that Mr/Ms *GANDHIRAJAN K* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Fundamentals of VFD and MMI" from 16.06.2016 to 25.06.2016 organized by Technocrat Automation Solutions Pvt Ltd.

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CERTIFICATE

This is to certify that Mr/Ms *ARVIND VIMALAN* of Petroleum Engineering Department of JCT College of Engineering and Technology, Coimbatore has attended a course on " Fundamentals of VFD and MMI" from 16.06.2016 to 25.06.2016 organized by Technocrat Automation Solutions Pvt Ltd.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Automobile Engineering

TÜV AUSTRIA

Report of Certification Programme - Fundamentals of VFD and MMI

The Department of Petroleum Engineering organized a certification course on Basics of VFD and MMI, from 18.06.2016 to 25.06.2016. The resource person for this program was **Mr.A.Karthikeyan**, Senior Trainer, Technocrat Automation, and Chennai. The program started with the prayer song. The welcome address was given by Mr.Venkatesa Prabhu, Head of the Department, Department of Petroleum Engineering. The Felicitation address was given by Dr.G Ramesh, Principal of JCT College of Engineering and Technology, Coimbatore. The Introduction about the Chief Guest was given by Mr.Bibin.P.B, 4th year Petroleum Engineering. The chief guest first gave an introduction on process control and modern softwares. He then explained about the step by step software programing procedure.

He said about the usage of modern tools and programming implementation in softwares. He talked about the job opportunities related to automation field.

The atmosphere of the Vocational Educational Program was very interesting. We learned a lot from the 1 week Program and were satisfied with the answers from the trainer. Mr. Arul. L, 4th year Petroleum Engineering concluded with a vote of thanks.

HOD/PE

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE COURSE ON"CCNA" (ACADEMIC YEAR 2016-2017)

24/30

STUDENT NAME : JAMSHAD. J. K

DATE : 09-09-16.

S.NO	Objective type Questions (30 MARKS)
1.	Which protocol will support IPv6 for RIP? a)RIPv1b)RIPv2c) RIPv6d)RIPng ✓
2.	What is the default number of equal-cost routes RIPv2 will load balance? a)2 routesb)4 routesc) 8 routesd)16 routes ✓
3.	Which protocol working at the Transport layer provides a connectionless service between hosts? a. IPb. ARPc. TCPd. UDP ✓
4.	Which protocol works at the Transport layer and provides virtual circuits between hosts? a. IPb. ARPc. TCPd. UDP ✓
5.	What is the valid host range the IP address 172.16.10.22 255.255.255.240 is a part of? a. 172.16.10.20 through 172.16.10.22b. 172.16.10.1 through 172.16.10.255 ✓ c. 172.16.10.16 through 172.16.10.23d. . 172.16.10.17 through 172.16.10.30
6.	What range of addresses can be used in the first octet of a Class C address? a. 1-127b. 129-192c. 203-234d. 192-223 ✓
7.	How many bytes is an Ethernet address? a. 3b. 4c. 5d. 6 ✓
8.	What protocol is used to find the hardware address of a local device? a. RARPb. ARPc. IPd. ICMP ✓
9.	You perform a ping to a host on the network. However, the first packet is dropped. Why did the first packet drop? a)The local router dropped the first packet.b) The routing table was updating. c) The ARP request timed out the ping packet.d) The remote router dropped the first packet. ✓
10.	Which command on Windows will allow you to verify the path a packet gets routed through on the network? a)C:\>tracert 198.78.34.2b)C:\>ping 198.78.34.2c) C:\>traceroute 198.78.34.2d)C:\>route print ✓

STUDENTS SIGN

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE COURSE ON"CCNA" (ACADEMIC YEAR 2016-2017)

22/30

STUDENT NAME : P. Ramesh.

DATE : 9/5/16.

S.NO	Objective type Questions (30 MARKS)
1.	Which protocol will support IPv6 for RIP? a)RIPv1b)RIPv2c) RIPv6d)RIPng
2.	What is the default number of equal-cost routes RIPv2 will load balance? a)2 routesb)4 routesc) 8 routesd)16 routes
3.	Which protocol working at the Transport layer provides a connectionless service between hosts? a. IPb. ARPc. TCPd. UDP
4.	Which protocol works at the Transport layer and provides virtual circuits between hosts? a. IPb. ARPc. TCPd. UDP
5.	What is the valid host range the IP address 172.16.10.22 255.255.255.240 is a part of? a. 172.16.10.20 through 172.16.10.22b. 172.16.10.1 through 172.16.10.255 c. 172.16.10.16 through 172.16.10.23d. . 172.16.10.17 through 172.16.10.30
6.	What range of addresses can be used in the first octet of a Class C address? a. 1-127b. 129-192c. 203-234d. 192-223
7.	How many bytes is an Ethernet address? a. 3b. 4c. 5d. 6
8.	What protocol is used to find the hardware address of a local device? a. RARPb. ARPc. IPd. ICMP
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10.	Which command on Windows will allow you to verify the path a packet gets routed through on the network? a)C:\>tracert 198.78.34.2b)C:\>ping 198.78.34.2c) C:\>traceroute 198.78.34.2d)C:\>route print

STUDENTS SIGN

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PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

30

CERTIFICATE COURSE ON"CCNA" (ACADEMIC YEAR 2016-2017)

STUDENT NAME : K. M. Arun.

DATE : 09/9/16.

S.NO	Objective type Questions (30 MARKS)
1.	Which protocol will support IPv6 for RIP? a)RIPv1b)RIPv2c) RIPv6d)RIPng
2.	What is the default number of equal-cost routes RIPv2 will load balance? a)2 routesb)4 routesc) 8 routesd)16 routes
3.	Which protocol working at the Transport layer provides a connectionless service between hosts? a. IPb. ARPc. TCPd. UDP
4.	Which protocol works at the Transport layer and provides virtual circuits between hosts? a. IPb. ARPc. TCPd. UDP
5.	What is the valid host range the IP address 172.16.10.22 255.255.255.240 is a part of? a. 172.16.10.20 through 172.16.10.22b. 172.16.10.1 through 172.16.10.255 c. 172.16.10.16 through 172.16.10.23d. 172.16.10.17 through 172.16.10.30
6.	What range of addresses can be used in the first octet of a Class C address? a. 1-127b. 129-192c. 203-234d. 192-223
7.	How many bytes is an Ethernet address? a. 3b. 4c. 5d. 6
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PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE ON AUTO CAD ELECTRICAL (ACADEMIC YEAR 2016-2017)

26/33

STUDENT NAME : ARUN .V.P
DATE : 23/12/2016.

Objective type Questions

S.NO	
1.	What is the minimum allowable number of layers in a drawing A. 5 B. 1 C. 2
2.	When in absolute Cartesian coordinates have points A (10.8) and B (6.5), then to make a line from A -> B with relative polar coordinates will write A. @ -5 <36.88 B. @ 4 <30 C. @ 5 <216,88 D. @ 3 <60
3.	When drawing in 2D, what axis do you NOT work with? A. X B. Y C. Z
4.	If I want to draw a line in the direction 07:30 (local time) will give an angle A. -135 degrees B. 270 degrees C. -225 degrees D. None of the above
5.	To print the entire project you will choose to regulate what to plot A. Display B. Extends C. Limits D. Window
6.	Which of the following file extensions cannot open the AutoCAD A. dwg B. dxf C. dot D. dws
7.	A surveyor with a headband to measure the dimensions of a site, he make measurements by A. No one method B. Related Cartesian coordinates C. Absolute polar coordinates D. None of the above
8.	Which state grid is use to design perspective A. Parametric B. Isometric C. Pro-optic D. Rectangular
9.	What is the difference between the Scale command from the command Zoom A. Scale for single object, while the Zoom whole plan B. No difference C. H Scale can grow / shrink a shape up 10 times, while the Zoom has no limits D. H Scale changes the size of objects, while the Zoom changes the visibility of the project
10.	The primary difference between the Model tab and the Layout tab(s) is A. the Model tab is used for drawing in 3D and a Layout is used for drawing in 2D B. the Model tab is where you create the drawing and a Layout tab represents the sheet that you will plot or print on C. the color of the background D. the Model tab displays the drawing you are copying from and the Layout tab is where you lay out the new drawing
11.	When should I use the Block Editor A. To write text block B. To fix outer block C. To fix dynamic block D. To store it in another version of AutoCAD
12.	Which command convert discrete objects in polyline A. Union B. Subtract C. Join D. Polyline
13.	How to make a random line with an angle of 40 degrees to the x axis A. will write 0 <40 B. will write 2 <40 C. will write 3<40 D. will write 4 <40
14.	By what symbol shows the snap point to the closest point A. with circles and dots in the center B. With two triangle C. With three orthogonal D. With Diamond
15.	What does the command W block A. Warp-speed block B. Write block C. Window block D. Wide-area block

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COURSE ON AUTO CAD ELECTRICAL (ACADEMIC YEAR 2016-2017)

30

STUDENT NAME : Deepak. G

DATE : 23-12-16

S.NO	Objective type Questions
1.	What is the minimum allowable number of layers in a drawing A. 5 B. 1 C. 2
2.	When in absolute Cartesian coordinates have points A (10.8) and B (6.5), then to make a line from A -> B with relative polar coordinates will write A. @ -5 <36.88 B. @ 4 <30 C. @ 5 <216,88 D. @ 3 <60
3.	When drawing in 2D, what axis do you NOT work with? A. X B. Y C. Z
4.	If I want to draw a line in the direction 07:30 (local time) will give an angle A. -135 degrees B. 270 degrees C. -225 degrees D. None of the above
5.	To print the entire project, you will choose to regulate what to plot A. Display B. Extends C. Limits D. Window
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9.	What is the difference between the Scale command from the command Zoom A. Scale for single object, while the Zoom whole plan B. No difference C. H Scale can grow / shrink a shape up 10 times, while the Zoom has no limits D. H Scale changes the size of objects, while the Zoom changes the visibility of the project
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12.	Which command convert discrete objects in polyline A. Union B. Subtract C. Join D. Polyline
13.	How to make a random line with an angle of 40 degrees to the x axis A. will write 0 <40 B. will write 2 <40 C. will write 3<40 D. will write 4 <40
14.	By what symbol shows the snap point to the closest point A. with circles and dots in the center B. With two triangle C. With three orthogonal D. With Diamond
15.	What does the command W block A. Warp-speed block B. Write block C. Window block D. Wide-area block

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE ON AUTO CAD ELECTRICAL (ACADEMIC YEAR 2016-2017)

28

STUDENT NAME : Jithin.M.

DATE : 23-12-16

S.NO	Objective type Questions
1.	What is the minimum allowable number of layers in a drawing A. 5 B. 1 C. 2
2.	When in absolute Cartesian coordinates have points A (10.8) and B (6.5), then to make a line from A -> B with relative polar coordinates will write A. @ -5 <36.88 B. @ 4 <30 C. @ 5 <216,88 D. @ 3 <60
3.	When drawing in 2D, what axis do you NOT work with? A. X B. Y C. Z
4.	If I want to draw a line in the direction 07:30 (local time) will give an angle A. -135 degrees B. 270 degrees C. -225 degrees D. None of the above
5.	To print the entire project, you will choose to regulate what to plot A. Display B. Extends C. Limits D. Window
6.	Which of the following file extensions cannot open the AutoCAD A. dwg B. dxf C. dot D. dws
7.	A surveyor with a headband to measure the dimensions of a site, he make measurements by A. No one method B. Related Cartesian coordinates C. Absolute polar coordinates D. None of the above
8.	Which state grid is use to design perspective A. Parametric B. Isometric C. Pro-optic D. Rectangular
9.	What is the difference between the Scale command from the command Zoom A. Scale for single object, while the Zoom whole plan B. No difference C. H Scale can grow / shrink a shape up 10 times, while the Zoom has no limits D. H Scale changes the size of objects, while the Zoom changes the visibility of the project
10.	The primary difference between the Model tab and the Layout tab(s) is A. the Model tab is used for drawing in 3D and a Layout is used for drawing in 2D B. the Model tab is where you create the drawing and a Layout tab represents the sheet that you will plot or print on C. the color of the background D. the Model tab displays the drawing you are copying from and the Layout tab is where you lay out the new drawing
11.	When should I use the Block Editor A. To write text block B. To fix outer block C. To fix dynamic block D. To store it in another version of AutoCAD
12.	Which command convert discrete objects in polyline A. Union B. Subtract C. Join D. Polyline
13.	How to make a random line with an angle of 40 degrees to the x axis A. will write 0 <40 B. will write 2 <40 C. will write 3<40 D. will write 4 <40
14.	By what symbol shows the snap point to the closest point A. with circles and dots in the center B. With two triangle C. With three orthogonal D. With Diamond
15.	What does the command W block A. Warp-speed block B. Write block C. Window block D. Wide-area block

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PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE COURSE ON"CCNA" (ACADEMIC YEAR 2016-2017)

STUDENT NAME :
DATE :

S. NO	Objective type Questions (30 MARKS)
1.	**Which protocol will support IPv6 for RIP?** a)RIPv1 b)RIPv2 **c)** RIPv6 **d) RIPng**
2.	**What is the default number of equal-cost routes RIPv2 will load balance?** a)2 routes b)**4 routes c)** 8 routes **d)** 16 routes
3.	**Which protocol working at the Transport layer provides a connectionless service between hosts?** a. IP b. ARP c. TCP d**. UDP**
4.	**Which protocol works at the Transport layer and provides virtual circuits between hosts?** a. IP b. ARP **c. TCP** d. UDP
5.	**What is the valid host range the IP address 172.16.10.22 255.255.255.240 is a part of?** a. 172.16.10.20 through 172.16.10.22 b. 172.16.10.1 through 172.16.10.255 c. 172.16.10.16 through 172.16.10.23 d. **. 172.16.10.17 through 172.16.10.30**
6.	**What range of addresses can be used in the first octet of a Class C address?** a. 1-127 b. 129-192 c. 203-234 **d. 192-223**
7.	**How many bytes is an Ethernet address?** a. 3 b. 4 c. 5 **d. 6**
8.	**What protocol is used to find the hardware address of a local device?** a. RARP **b. ARP** c. IP d. ICMP
9.	**You perform a ping to a host on the network. However, the first packet is dropped. Why did the first packet drop?** a)The local router dropped the first packet. b) The routing table was updating. **c) The ARP request timed out the ping packet. d)** The remote router dropped the first packet.
10.	**Which command on Windows will allow you to verify the path a packet gets routed through on the network?** a)**C:\>tracert 198.78.34.2** b)C:\>ping 198.78.34.2 **c)** C:\>traceroute 198.78.34.2 **d)** C:\>route print

SAMPLE QUESTION FOR CC

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PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE ON AUTO CAD ELECTRICAL (ACADEMIC YEAR 2016-2017)

STUDENT NAME :
DATE :

S.NO	Objective type Questions
1.	What is the minimum allowable number of layers in a drawing A. 5 **B. 1** C. 2
2.	When in absolute Cartesian coordinates have points A (10.8) and B (6.5), then to make a line from A -> B with relative polar coordinates will write A. @ -5 <36.88 B. @ 4 <30 C**. @ 5 <216,88** D. @ 3 <60
3.	When drawing in 2D, what axis do you NOT work with? A. X B. Y **C. Z**
4.	If I want to draw a line in the direction 07:30 (local time) will give an angle **A. -135 degrees** B. 270 degrees C. -225 degrees D. None of the above
5.	To print the entire project, you will choose to regulate what to plot A. Display B. Extends C. **Limits** D. Window
6.	Which of the following file extensions cannot open the AutoCAD A. dwg B. dxf ☐ **C. dot** D. dws
7.	A surveyor with a headband to measure the dimensions of a site, he make measurements by A**. No one method** B. Related Cartesian coordinates C. Absolute polar coordinates D. None of the above
8.	Which state grid is use to design perspective A. Parametric B. **Isometric** C. Pro-optic D. Rectangular
9.	What is the difference between the Scale command from the command Zoom A. Scale for single object, while the Zoom whole plan B. No difference C. H Scale can grow / shrink a shape up 10 times, while the Zoom has no limits D. **H Scale changes the size of objects, while the Zoom changes the visibility of the project**
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15.	What does the command W block A. Warp-speed block B. **Write block** C. Window block D. Wide-area block

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TÜV AUSTRIA

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

Date: 28-02-2018

Dear Students,

This is to inform you that 10 days course on **"Auto CAD Electrical"** is organized by our department from 19-12-2016 to 29-12-2016 in the Computer Lab-3. The chief guest Mr.M.Surendar &Mr.T.R.Kiran, Autodesk Certified Instructor, Coimbatore will grant the training. All the students are instructed to attend and get benefited.

Circulation: 1.II Year EEE

2. III Year EEE

HOD-EEE

Copy to:

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

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Autodesk AutoCAD Electrical Training

Introduction:

This training is designed for new users who require comprehensive training in AutoCAD® Electrical software. This hands-on courseware focuses on how to build intelligent ladder diagrams and panel layouts, and how to leverage this intelligence. The courseware provides an overview of many AutoCAD Electrical utilities designed to enable users to quickly build and manage electrical-controls drawings. Hands-on exercises throughout the courseware explore how to create electrical-controls production drawings. All exercises and datasets in this courseware are based on the IEC (international) standard.

Course Details	
Autodesk AutoCAD Electrical Training	
Objective	• Navigate the AutoCAD Electrical user interface. • Use the fundamental features of AutoCAD Electrical. • Build intelligent ladder diagrams and panel layouts. • Create, view, and edit the project settings and properties. • Extract data from drawings into reports formatted to match users' standards. • Insert and edit parametric PLC modules, nonparametric PLC modules, and stand- alone PLC I/O points.
Prerequisite	A working knowledge of the AutoCAD® software and electrical terminology
Manual	Autodesk AutoCAD Electrical User Guide
Duration	3 days (21 hours)
Venue	Lot B3-1, Block B, Jalan Selaman 1, Dataran Palma, Off Jalan Ampang, 68000 Ampang, Selangor.
Support	Trainees are entitled to get 3 months e-mail & phone support from Acad Systems Sdn Bhd to help with any post-training issues.

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PICHANUR, COIMBATORE - 641105

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE COURSE FEEDBACK FORM

Resource Person Name	:	Aiswarya .M
Topic Name	:	Auto CAD Electrical
Name of the Industry/Training Institute	:	Autodesk
Date	:	29 - 12 - 2016

1.Did you find the course useful?

- o Very Useful
- ✓ Useful

2. Actively involve the students into discussion of problems. Ask questions from the students.

- ✓ Little
- o No

3.Did you find the Activity useful?

- o Very much
- ✓ Not that much
- o Not at all

4.If you have to rate the faculty on a scale of 10, what rating you would like to give?

- o 10
- ✓ 9
- o 8
- o Below 8

5. Knowledge about Concern Topic

- o Excellent
- o Very good
- ✓ Good

Signature of the Student

Aiswarya . M

DAY 3

Chapter 7: Settings and Configuration	**Chapter 8: Custom Components**
• AutoCAD Electrical Environment • Project Properties • Drawing Properties • Chapter exercise	• Schematic Symbols • Icon Menu System • Chapter exercise
Chapter 9: Custom Data • Parts Catalog Database • Pin List Editor • Title Block Update • Reference Files • Chapter exercise	

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105.

TÜV AUSTRIA

Course on" **Auto CAD Electrical**" from 19-12-2016 to 29-12-2016

ATTENDANCE

S. NO	REG. NO.	NAME	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
1	720915105002	AISWARYA.M	/	/	/	/	/
2	720915105003	ANAS.K.A	/	/	a	/	/
3	720915105004	ARJUN.V.P	/	/	/	/	/
4	720915105005	DEEPAK.G	/	/	/	/	/
5	720915105006	GAYATHIRI.M	/	a	/	/	/
6	720915105008	HAREESH.C	/	/	/	/	/
7	720915105009	ISMAIL BAZIL.A	/	/	/	/	/
8	720915105010	JESHIN DAS T.S	/	/	/	a	/
9	720915105011	JITHIN.H	/	/	/	/	/
10	720915105013	SALMANUL FARIS.C	/	/	/	/	/
11	720915105014	SARATH CHANDAR K	/	/	/	/	/
12	720915105015	SARAVANA KUMAR.S	/	/	/	/	/
13	720915105016	VENGATESAN.M	a	/	/	/	/
14	720915105017	VINEETH.V	/	/	/	/	/
15	720915105018	VISHNU PRASAD.D	/	/	/	/	/
16	720915105019	ZUNAIR.A	/	a	/	/	/
17	720915105301	ANAS IBN YOUSUF P	/	/	/	/	/
18	720915105302	DENNY ANTO	/	/	a	/	/
19	720915105303	MUHAMMED SHAKIR.K	/	/	/	/	/
20	720915105304	SAINUL NISAM K P	/	/	/	/	/
21	720914105001	ANIL KUMAR	/	/	/	/	a
22	720914105002	ANOOP.A	/	/	/	/	/
23	720914105003	ARUN.A.S	/	/	/	/	/
24	720914105004	ARUN.K.M	/	/	/	a	/

25	720914105005	BALA KRISHNA.R	✓	✓	✓	✓	✓
26	720914105006	DHANESH.B	✓	✓	✓	✓	✓
27	720914105007	FAIZEL.A.A	A	✓	✓	✓	✓
28	720914105008	GOPAKUMAR.A.V	✓	✓	✓	✓	✓
29	720914105009	HEMA.R	✓	✓	✓	✓	✓
30	720914105010	JAMSHAD.T.K	✓	A	✓	✓	✓
31	720914105011	KARTHICK RAJA.S	✓	✓	✓	✓	✓
32	720914105012	KRISHNA KUMAR.S	✓	✓	✓	✓	✓
33	720914105013	MIDHUN CHANDRAN	✓	✓	✓	✓	A
34	720914105014	MUHAMMED ARSHAD ALI.T	✓	✓	A	✓	✓
35	720914105015	RAHUL R	✓	✓	✓	✓	✓
36	720914105016	RAMESH P	✓	✓	✓	A	✓
37	720914105017	REKSY. R.K	✓	✓	✓	✓	✓
38	720914105018	RISHIKESH K	✓	✓	✓	✓	✓
39	720914105019	SALMANUL MEDAR CU	✓	✓	✓	✓	✓
40	720914105020	SANDEEP E D	✓	✓	✓	✓	✓
41	720914105021	A.SATHEESH KUMAR	✓	✓	✓	✓	✓
42	720914105022	SHERIN.M.D	✓	A	✓	✓	✓

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Certified Professional

In recognition of a commitment to professional excellence, this certifies that

ANAS.K.A

has successfully completed the program requirements of

Autodesk Certified Professional:
AutoCAD Electrical

Duration: **19th to 29th December 2016**

00381372

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23-01-2017
Date

Carl Bass
Chief Executive Officer

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23-01-2017
Date

Chief Executive Officer

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE ON "AUTO CAD ELECTRICAL"

CERTIFICATE COURSE TIME TABLE (ACADEMIC YEAR 2016-2017)

DATE	9 AM to 1PM(Theory & Practical)	1.30PM to 4.30 PM(Theory & Practical)
19-12-2016	Inauguration	Design Environment Basic Workflow• Chapter exercise•
20-12-2016	Project Manager Project Drawing List• Moving Through a Project• Copy Projects•	Ladders Wire Type• Wire Numbers 3-Phase Circuits• Source and Destination Signal Arrow•
21-12-2016	MultiWire 3-Phase Circuits Circuits• Point-2-Point Connectors• Chapter exercise•	Basic Editing Utilities Data Tools• Resequence and Retag Drawings• Chapter exercise•
22-12-2016	Schematic Symbol Annotation Swap/Update Blocks•	Schematic Reports Chapter exercise• Insert a Schematic Component• Schematic Reports•
23-12-2016	Create a Panel Layout from a Schematic List Panel Footprints• Terminal Strip Edito•	Panel Layout Annotation and Reports Chapter exercise•
24-12-2016	AutoCAD Electrical Environment• Project Properties•	Drawing Properties Chapter exercise•
26-12-2016	Schematic Symbols Icon Menu System• Chapter exercise•	Parts Catalog Database Pin List Editor•
27-12-2016	Title Block Update Reference Files• Chapter exercise•	Small practical exercise
28-12-2016	Small projects on AUTOCAD electrical	
29-12-2016	Exam on Autocad Electrical	Valedictory function

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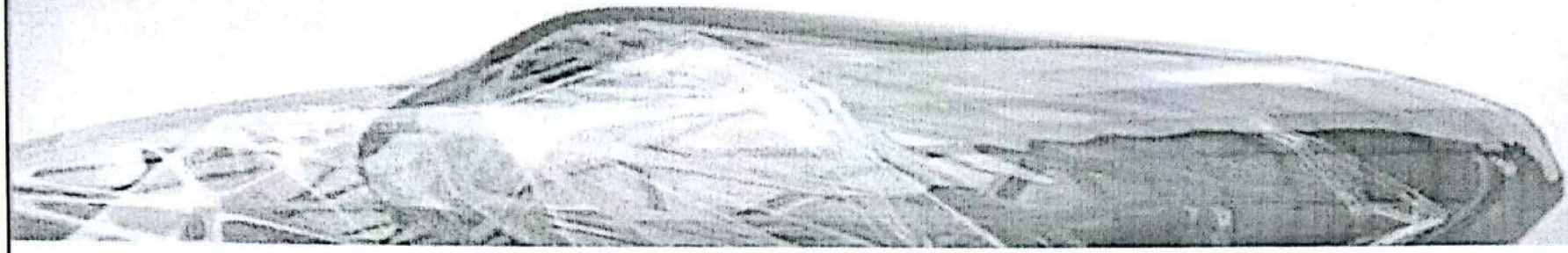
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Chief Executive Officer

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Pichanur, Coimbatore-641105

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Duration:**19th to 29th December 2016**

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23-01-2017
Date

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has successfully completed the program requirements of

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23-01-2017
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Pichanur, Coimbatore - 641105

AUTODESK



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GAYATHIRI.M

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has successfully completed the program requirements of

Autodesk Certified Professional:
AutoCAD Electrical

Duration:**19th to 29th December 2016**

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23-01-2017
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE ON "AUTO CAD ELECTRICAL" (ACADEMIC YEAR 2016-2017)

Resource Person Details

Name of the Resource Person	**Mr.M.Surendar**
Designation	Autodesk Certified Instructor
Nationality	INDIAN
Experience & About	4 YEARS
Company Name & Address	AUTODESK training Center,Palakad,Kerala
Telephone No.	0484 4021961, 8606 059 555
Fax No.	Nil
Other details if any	Apart from Autodesk products the Institute gives professional training in various other major products in the field of analysis and design. The company is now affiliated with many other well recognized companies like PTC University, Certiport, ANSYS, etc. as their Authorized Training Centers. The Institute maintains high academic standards and an environment that is highly suitable for learning. It runs just like a university research and training center and provides large number of reference books, CD ROMs of Encyclopedias, journals, latest computers and licensed software for the students
Website	https://www.autodesk.com/

WITH REGARDS

Mr.M.Surendar

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur,Coimbatore

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

CCNA COURSE SYLLABUS

1.0 Network Fundamentals

1.1 Compare and contrast OSI and TCP/IP models

1.2 Compare and contrast TCP and UDP protocols

1.3 Describe the impact of infrastructure components in an enterprise network
- 1.3.a Firewalls
- 1.3.b Access points
- 1.3.c Wireless controllers

1.4 Describe the effects of cloud resources on enterprise network architecture
- 1.4.a Traffic path to internal and external cloud services
- 1.4.b Virtual services
- 1.4.c Basic virtual network infrastructure

1.5 Compare and contrast collapsed core and three-tier architectures

1.6 Compare and contrast network topologies
- 1.6.a Star
- 1.6.b Mesh
- 1.6.c Hybrid

1.7 Select the appropriate cabling type based on implementation requirements

1.8 Apply troubleshooting methodologies to resolve problems
- 1.8.a Perform and document fault isolation
- 1.8.b Resolve or escalate
- 1.8.c Verify and monitor resolution

1.9 Configure, verify, and troubleshoot IPv4 addressing and subnetting

1.10 Compare and contrast IPv4 address types

1.10.a Unicast
1.10.b Broadcast
1.10.c Multicast

1.11 Describe the need for private IPv4 addressing

1.12 Identify the appropriate IPv6 addressing scheme to satisfy addressing requirements in a LAN/WAN environment

1.13 Configure, verify, and troubleshoot IPv6 addressing

1.14 Configure and verify IPv6 Stateless Address Auto Configuration

1.15 Compare and contrast IPv6 address types
1.15.a Global unicast
1.15.b Unique local
1.15.c Link local
1.15.d Multicast
1.15.e Modified EUI 64
1.15.f Autoconfiguration
1.15.g Anycast

21% 2.0 LAN Switching Technologies

2.1 Describe and verify switching concepts
2.1.a MAC learning and aging
2.1.b Frame switching
2.1.c Frame flooding
2.1.d MAC address table

2.2 Interpret Ethernet frame format

2.3 Troubleshoot interface and cable issues (collisions, errors, duplex, speed)

2.4 Configure, verify, and troubleshoot VLANs (normal/extended range) spanning multiple switches
2.4.a Access ports (data and voice)
2.4.b Default VLAN

2.5 Configure, verify, and troubleshoot interswitch connectivity
2.5.a Trunk ports
2.5.b Add and remove VLANs on a trunk
2.5.c DTP, VTP (v1&v2), and 802.1Q
2.5.d Native VLAN

2.6 Configure, verify, and troubleshoot STP protocols
2.6.a STP mode (PVST+ and RPVST+)
2.6.b STP root bridge selection

2.7 Configure, verify and troubleshoot STP related optional features
- 2.7.a PortFast
- 2.7.b BPDU guard

2.8 Configure and verify Layer 2 protocols
- 2.8.a Cisco Discovery Protocol
- 2.8.b LLDP

2.9 Configure, verify, and troubleshoot (Layer 2/Layer 3) EtherChannel
- 2.9.a Static
- 2.9.b PAGP
- 2.9.c LACP

2.10 Describe the benefits of switch stacking and chassis aggregation

23% 3.0 Routing Technologies

3.1 Describe the routing concepts
- 3.1.a Packet handling along the path through a network
- 3.1.b Forwarding decision based on route lookup
- 3.1.c Frame rewrite

3.2 Interpret the components of a routing table
- 3.2.a Prefix
- 3.2.b Network mask
- 3.2.c Next hop
- 3.2.d Routing protocol code
- 3.2.e Administrative distance
- 3.2.f Metric
- 3.2.g Gateway of last resort

3.3 Describe how a routing table is populated by different routing information sources
- 3.3.a Admin distance

3.4 Configure, verify, and troubleshoot inter-VLAN routing
- 3.4.a Router on a stick
- 3.4.b SVI

3.5 Compare and contrast static routing and dynamic routing

3.6 Compare and contrast distance vector and link state routing protocols

3.7 Compare and contrast interior and exterior routing protocols

3.8 Configure, verify, and troubleshoot IPv4 and IPv6 static routing
- 3.8.a Default route
- 3.8.b Network route

3.8.c Host route
3.8.d Floating static

3.9 Configure, verify, and troubleshoot single area and multi-area OSPFv2 for IPv4 (excluding authentication, filtering, manual summarization, redistribution, stub, virtual-link, and LSAs)

3.10 Configure, verify, and troubleshoot single area and multi-area OSPFv3 for IPv6 (excluding authentication, filtering, manual summarization, redistribution, stub, virtual-link, and LSAs)

3.11 Configure, verify, and troubleshoot EIGRP for IPv4 (excluding authentication, filtering, manual summarization, redistribution, stub)

3.12 Configure, verify, and troubleshoot EIGRP for IPv6 (excluding authentication, filtering, manual summarization, redistribution, stub)

3.13 Configure, verify, and troubleshoot RIPv2 for IPv4 (excluding authentication, filtering, manual summarization, redistribution)

3.14 Troubleshoot basic Layer 3 end-to-end connectivity issues

10% 4.0 WAN Technologies

4.1 Configure and verify PPP and MLPPP on WAN interfaces using local authentication

4.2 Configure, verify, and troubleshoot PPPoE client-side interfaces using local authentication

4.3 Configure, verify, and troubleshoot GRE tunnel connectivity

4.4 Describe WAN topology options
4.4.a Point-to-point
4.4.b Hub and spoke
4.4.c Full mesh
4.4.d Single vs dual-homed

4.5 Describe WAN access connectivity options
4.5.a MPLS
4.5.b Metro Ethernet
4.5.c Broadband PPPoE
4.5.d Internet VPN (DMVPN, site-to-site VPN, client VPN)

4.6 Configure and verify single-homed branch connectivity using eBGP IPv4 (limited to peering and route advertisement using Network command only)

4.7 Describe basic QoS concepts
4.7.a Marking

- 4.7.b Device trust
- 4.7.c Prioritization
  - 4.7.c. (i) Voice
  - 4.7.c. (ii) Video
  - 4.7.c. (iii) Data
- 4.7.d Shaping
- 4.7.e Policing
- 4.7.f Congestion management

10% 5.0 Infrastructure Services

5.1 Describe DNS lookup operation

5.2 Troubleshoot client connectivity issues involving DNS

5.3 Configure and verify DHCP on a router (excluding static reservations)
- 5.3.a Server
- 5.3.b Relay
- 5.3.c Client
- 5.3.d TFTP, DNS, and gateway options

5.4 Troubleshoot client- and router-based DHCP connectivity issues

5.5 Configure, verify, and troubleshoot basic HSRP
- 5.5.a Priority
- 5.5.b Preemption
- 5.5.c Version

5.6 Configure, verify, and troubleshoot inside source NAT
- 5.6.a Static
- 5.6.b Pool
- 5.6.c PAT

5.7 Configure and verify NTP operating in a client/server mode

11% 6.0 Infrastructure Security

6.1 Configure, verify, and troubleshoot port security
- 6.1.a Static
- 6.1.b Dynamic
- 6.1.c Sticky
- 6.1.d Max MAC addresses
- 6.1.e Violation actions
- 6.1.f Err-disable recovery

6.2 Describe common access layer threat mitigation techniques
- 6.2.a 802.1x
- 6.2.b DHCP snooping

6.2.c Nondefault native VLAN

6.3 Configure, verify, and troubleshoot IPv4 and IPv6 access list for traffic filtering
- 6.3.a Standard
- 6.3.b Extended
- 6.3.c Named

6.4 Verify ACLs using the APIC-EM Path Trace ACL Analysis tool

6.5 Configure, verify, and troubleshoot basic device hardening
- 6.5.a Local authentication
- 6.5.b Secure password
- 6.5.c Access to device
  - 6.5.c. (i) Source address
  - 6.5.c. (ii) Telnet/SSH
- 6.5.d Login banner

6.6 Describe device security using AAA with TACACS+ and RADIUS

10% 7.0 Infrastructure Management

7.1 Configure and verify device-monitoring protocols
- 7.1.a SNMPv2
- 7.1.b SNMPv3
- 7.1.c Syslog

7.2 Troubleshoot network connectivity issues using ICMP echo-based IP SLA

7.3 Configure and verify device management
- 7.3.a Backup and restore device configuration
- 7.3.b Using Cisco Discovery Protocol or LLDP for device discovery
- 7.3.c Licensing
- 7.3.d Logging
- 7.3.e Timezone
- 7.3.f Loopback

7.4 Configure and verify initial device configuration

7.5 Perform device maintenance
- 7.5.a Cisco IOS upgrades and recovery (SCP, FTP, TFTP, and MD5 verify)
- 7.5.b Password recovery and configuration register
- 7.5.c File system management

7.6 Use Cisco IOS tools to troubleshoot and resolve problems
- 7.6.a Ping and traceroute with extended option
- 7.6.b Terminal monitor
- 7.6.c Log events
- 7.6.d Local SPAN

7.7 Describe network programmability in enterprise network architecture

- 7.7.a Function of a controller
- 7.7.b Separation of control plane and data plane
- 7.7.c Northbound and southbound APIs

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR,COIMBATORE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE ON "CCNA"

CERTIFICATE COURSE TIME TABLE (ACADEMIC YEAR 2016-2017)

DATE	9 AM to 1PM	1.30 PM to 4.30 PM
14-07-2016	Real time application of CCNA	Network Fundamentals
27-07-2016	LAN Switching Technologies	Routing Technologies
28-07-2016	WAN Technologies	Infrastructure Services
04-08-2016	Infrastructure Management	Verify ACLs using the APIC-EM Path Trace ACL Analysis tool
11-08-2016	Describe device security using AAA with TACACS+ and RADIUS	Configure and verify initial device configuration , Perform device maintenance
18-08-2016	Use Cisco IOS tools to troubleshoot and resolve problems	Describe network programmability in enterprise network architecture

HOD-EEE

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TÜV AUSTRIA

Department of Computer Science and Engineering

Pichanur, Coimbatore - 641105

CIRCULAR

Ref: Cirl/HoD/TP/1/2016 **10.07.2016**

Sub: To conduct the Placement software training and CCNA course for the circuit branches – **Reg.**

We the circuit branches (CSE, ECE & EEE) planned to conduct the Placement training classes by the trainer Mr.R.Aravindhan, on every Thursday for third year, Friday for final year and Saturday for second year students of CSE, ECE & EEE branches.

The CCNA class will be on every Thursday for final year by Mr.P.K.Amarnath, Avatar Academy. It is planned to conduct these classes from 14.07.2016. (CCNA & S/W Training Time: 9.15am to 4.00pm)

CCNA class venue : Seminar Hall

S/W Training venue: CSE Lab3 (Alan turing)

Training Coordinator

HOD

Circulation to:

- Faculty members through HODs (Circuit branches)
- II, III, IV year students through HODs (To be read in the class room)

Received

1. Copy of approval letter from secretary sir.
2. Circular with CCNA & SW Traing Students name list.

Department	HoD	Signature
1. EEE	Prof.V.Jethose	
2. ECE	Prof.V.Lakshmipathi	

Coimbatore
24.05.2016

From

Mr. K. Sivakumar,
Assistant Professor,
Department of Computer Science & Engineering,
JCT College of Engineering and Technology,
Coimbatore.

To

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

Respected Sir,

Subject: Requesting for an establish CCNA lab setup at our premises -Reg.

Our college has planned to conduct the value added courses for the final year students (Circuit branch) and I notice you that we have already signed the MoU with Avatar academy, Erode. For that we need to establish the CCNA lab setup in our college and also the following equipments are needed. So please kindly do the needful.

S.No.	Particulars	Nos.	Remarks
1	Steel rack (Rack with 9 slab)	1No.	Height X Length X Breadth (9 feet X 3 feet X 1 1/4 feet)
2	Power socket	24 Nos.	(3 pin)

Thanking you

Yours Sincerely

(Mr.K.Sivakumar)

June 30, 2016

Submitted to Secretary through Principal

From

Dr. G. Rajiv Suresh Kumar,
Head of the Department/CSE,
JCT College of Engineering and Technology,
Coimbatore.

Respected Sir,

Subject: Requisition for your kind approval **1.** Conduct the Placement training and CCNA course for the circuit branches,
2. Remuneration for the trainer- Reg.

F. Approved

We have(CSE,ECE & EEE) planned to conduct the Placemen training classes by our trainer Mr.R.Aravindhan on every Thursday for final year, Friday for third year and Saturday for second yea students of CSE,ECE & EEE branches. The CCNA class will be or every Thursday for final year by Mr.P.K.Amarnath, Avatar Academy It is planned to conduct these classes from 14.07.2016.

Submitted to Secretary Sir for kind approval

In this regards, we request your kind approval 1. To collec Rs.~~5000~~ 7500 per student for CCNA course and 2. The remuneration o Rs.3000 per day on weekly basis for the placement trainer.

1/7/16

Thanking you

Yours Sincerely

01.07.16

[Dr.G.Rajiv Suresh Kumar]

Coordinator
(K.Sivakumar)

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TRAINING OFFERED

CISCO | redhat | Microsoft Certified Professional | Check Point SOFTWARE TECHNOLOGIES LTD. | EC-COUNCIL | (ISC)²

LEVEL 1 COURSES

CISCO	RED HAT	MICROSOFT	CHECKPOINT
CCNA	LINUX (RHCE)	MCITP	CCSA

LEVEL 2 COURSES

CISCO		MICROSOFT	CHECKPOINT
CCNA	CCNP	MCTS	CCSE
SECURITY	SECURITY	MCSE	
VOICE	ROUTING	EC-COUNCIL	(ISC)²
WIRELESS	SWITCHING	C|EH	CISSP

WORKSHOPS

32 ROUTERS | VPN - SITE TO SITE (ROUTERS) | VPN - SITE TO SITE & SITE TO CLIENT (ASA FIREWALL) | VPN - SITE TO SITE & SITE TO CLIENT (CHECK POINT FIREWALL) | ACCESS OF LOCAL & EXTERNAL DB (ASA FIREWALL)

PROJECTS

IEEE PROJECTS

REAL-TIME PROJECTS

Office :
Near Karnataka Bank, No.3/1, 1st Floor,
Buddhar Street, Teachers Colony,
Perundurai Road, Erode - 638 011.

Contact us : +91 94436 96028
E-mail ID : avataracademyerode@gmail.com
Website : www.avataracademy.in

2016-2020 Batch Student Training Plan (+2 to First Year Students)

Year/Semester	Course	No. of Days
I / I	C Programming with Problem Solving **Coding Competition - 1**	10
I / II	C with Data Structure and Algorithmic Thinking **Coding Competition – 1I**	10
II/ III	C++ with Data Structure **Coding Competition – 1II**	15
II/IV	Java Programming **Coding Competition – 1V**	10
III/V	Android / PHP **Coding Competition - V**	12
III/VI	Advanced Data Structure\ **Coding Competition - V1**	15
IV/VII	Finishing School (OS, DBMS, Networking), Company Based Training Phase I	5*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

2014-2018 Batch Student Training Plan (Current Second Year to Third Year)

Year/Semester	Course	No. of Days
III/V	C with Data Structure (Problem Solving and Algorithmic Thinking) **Coding Competition – I**	30
III/VI	Java Programming **Coding Competition - II**	15
IV/VII	Finishing School (OS, DBMS, Networking), Company Based Training Phase I	5*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

2013-2017 Batch Student Training Plan (Current Third Year to Final Year)

Year/Semester	Course	No. of Days
IV/VII	C with Data Structure (Problem Solving and Algorithmic Thinking)	25*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

2015-2019 Batch Student Training Plan (Current First Year to Second Year)

Year/Semester	Course	No. of Days
II/ III	C with Data Structure with Problem Solving **Coding Competition – 1**	15
II/IV	Java Programming with Problem Solving **Coding Competition – 1V**	10
III/V	Android / PHP **Coding Competition - V**	12
III/VI	Advanced Data Structure and Problem Solving Skills with Algorithmic Thinking **Coding Competition - V1**	15
IV/VII	Finishing School (OS, DBMS, Networking), Company Based Training Phase I	5*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

CCNA (Routing & Switching)

Duration: 42 days (Normal track) **Duration: 12 Weeks (Weekend Track)**

Fundamentals of Networking

Networking is the practice of connecting Computer devices together to support communication among them.

IP Addressing

An IP address is a unique identifier of a computer on the network and on the internet.

Overview – IPv4 – Classes of IP address – Subnet Mask.

Subnetting

Subnetting is the process dividing an IP network into smaller networks called Subnets.

Overview – Importance of subletting – Subnet zero – Importance of Subnet Mask – Classful / Classless addressing – VLSM.

Fundamentals of Routing

Routing is the act of moving data across an internet work form a source to a destination.

Overview – Understanding the Routing Table – Types of Routing – Static Routing – Disadvantages of Static Routing.

Analysis of Network Traffic

When a host transmits data across a network to anther device, data is encapsulated with several headers and trailers.

Overview – OSI Reference Model – Encapsulation – Decapsulation – Connection Oriented Protocol Connectionless Protocol.

Dynamic Routing

Dynamic routing is the process of learning routing information automatically with the help of routing protocols.

Overview – Classes of routing protocols – RIP – IGRP – EIGRP – OSPF – Route Summarization – Route Redistribution – Load Balancing.

Switching

A switch is a device that forwards frames from any of input ports to specific output port based on MAC address.

Overview– Functions of Switch– Broadcast Domain– Collision Domain Spanning Tree Protocol VLAN – Trunking – VTP – Inter–VLAN Routing.

Packet Filtering

Packet filtering is a network security mechanism that works by controlling which data can flow to and from a network

Overview – Access Control Lists – Standard ACL – Extended ACL – Named ACL.

Network Address Translation

Network address translation (NAT) allows a router to modify packets to allow for multiple devices to share a single public IP address.

Overview – Static NAT – Dynamic NAT – Dynamic NAT with Overload – Port Address Translation

Dynamic Host Configuration Protocol

It is a network Protocol to automatically assign an IP address to a computer.

Overview – Static Configuration– Dynamic Configuration – Address Pool – Exclusions – Address Lease – DHCP Relay Agent.

IPv6

It is a new version of internet protocol designed for larger address space.

Overview – Like Local Unicast – Site Local Unicast – Global Unicast – Multicast – Static Routing IPv6 IPv4 tunneling.

Wide Area Networks

A Wide area network is a network that covers a broad area.

Overview – Packet Switching – Circuit Switching –PPP – HDLC – Frame Relay.

Virtual Private Network

A VPN is a mechanism for providing secure communication over the Internet.

Overview – Cryptography – VPN Phases – ISAKMP – IPSec - Encapsulating Security Payload - Authentication Header.

C Programming Course Contents

- C Programming Introduction
- First C Program
- C Instructions - Part I
- C Instructions - Part II
- Decision Control Instructions - Part I
- Decision Control Instructions - Part II
- More Decision Control Instructions - Part I
- More Decision Control Instructions - Part II
- Conversions
- while - Part I
- while - Part II
- for
- do while
- switch
- Menus and Functions
- Functions
- Advanced Features of Functions
- Pointers
- More Pointers
- More Pointers - II
- Near and Far Pointers
- Far and Huge Pointers
- Call By Value & Reference
- Recursion
- Datatypes Revisited
- Storage Classes
- Preprocessor - I
- Preprocessor - II
- Arrays
- Sorting Techniques

- More Arrays
- 2D Arrays
- Application of Arrays - I
- Application of Arrays - II
- Strings - I
- Strings - II
- Strings - III
- Calendar
- Structures - I
- Structures - II
- Data Structures - I
- Data Structures - II

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PICHANUR, COIMBATORE - 641105
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TÜV AUSTRIA

Value added course on **"CCNA"** on from **14-07-2016 TO 09-09-2016**

Student Name List

S.NO	REG NUMBER	NAME OF THE STUDENT
1.	720914105001	ANIL KUMAR
2.	720914105002	ANOOP.A
3.	720914105003	ARUN.A.S
4.	720914105004	ARUN.K.M
5.	720914105005	BALA KRISHNA.R
6.	720914105006	DHANESH.B
7.	720914105007	FAIZEL.A.A
8.	720914105008	GOPAKUMAR.A.V
9.	720914105009	HEMA.R
10.	720914105010	JAMSHAD.T.K
11.	720914105011	KARTHICK RAJA.S
12.	720914105012	KRISHNA KUMAR.S
13.	720914105013	MIDHUN CHANDRAN
14.	720914105014	MUHAMMED ARSHAD ALI.T
15.	720914105015	RAHUL R
16.	720914105016	RAMESH P
17.	720914105017	REKSY. R.K
18.	720914105018	RISHIKESH K
19.	720914105019	SALMANUL MEDAR CU
20.	720914105020	SANDEEP E D
21.	720914105021	A.SATHEESH KUMAR
22.	720914105022	SHERIN.M.D
23.	720914105023	SOORAJ.R
24.	720914105024	SUHAIL. MK
25.	720914105025	SUJITH.S
26.	720914105026	TOMSON JOSE
27.	720914105027	S.VAYSHAG
28.	720914105028	V.VINOJ
29.	720914105029	C.VIPIN
30.	720914105030	R.VIVEENA
31.	720914105301	AJAY BABU P.B
32.	720913105001	AFSAL B
33.	720913105003	ANMARIA BABU T
34.	720913105004	ANURAJ K
35.	720913105005	ARAVIND M K
36.	720913105007	CHANDRAJITH A U
37.	720913105008	DARSHAK R
38.	720913105009	DIVIN VINCENT
39.	720913105010	GIJO GEORGE

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Value added course on "CCNA" on from 14-07-2016 TO 09-09-2016

ATTENDANCE

S.NO	REG NUMBER	NAME OF THE STUDENT	JULY2016			AUGUST2016		
			14	27	28	4	11	18
1.	720914105001	ANIL KUMAR	P	P	P	P	P	P
2.	720914105002	ANOOP.A	P	P	P	P	P	P
3.	720914105003	ARUN.A.S	P	P	A	P	P	P
4.	720914105004	ARUN.K.M	P	P	P	P	P	P
5.	720914105005	BALA KRISHNA.R	P	P	P	P	P	P
6.	720914105006	DHANESH.B	P	P	P	P	P	P
7.	720914105007	FAIZEL.A.A	P	P	P	P	P	P
8.	720914105008	GOPAKUMAR.A.V	P	P	P	P	A	P
9.	720914105009	HEMA.R	P	P	P	P	P	P
10.	720914105010	JAMSHAD.T.K	P	P	P	P	P	P
11.	720914105011	KARTHICK RAJA.S	P	P	P	P	P	P
12.	720914105012	KRISHNA KUMAR.S	P	P	P	P	P	P
13.	720914105013	MIDHUN CHANDRAN	P	P	P	P	P	A
14.	720914105014	MUHAMMED ARSHAD ALI.T	P	P	P	P	P	P
15.	720914105015	RAHUL R	P	P	P	P	P	P
16.	720914105016	RAMESH P	A	P	P	P	P	P
17.	720914105017	REKSY. R.K	P	P	P	P	P	P
18.	720914105018	RISHIKESH K	P	A	P	P	P	P
19.	720914105019	SALMANUL MEDAR CU	P	P	P	P	P	P
20.	720914105020	SANDEEP E D	P	P	P	P	P	P
21.	720914105021	A.SATHEESH KUMAR	P	P	P	P	P	P
22.	720914105022	SHERIN.M.D	P	P	P	P	P	P
23.	720914105023	SOORAJ.R	P	P	P	P	P	P
24.	720914105024	SUHAIL. MK	A	P	P	P	P	P
25.	720914105025	SUJITH.S	P	P	P	P	P	P
26.	720914105026	TOMSON JOSE	P	P	P	P	P	P
27.	720914105027	S.VAYSHAG	P	P	P	A	P	P
28.	720914105028	V.VINOJ	P	P	P	P	P	P
29.	720914105029	C.VIPIN	P	P	A	P	P	P
30.	720914105030	R.VIVEENA	P	P	P	P	P	P
31.	720914105301	AJAY BABU P.B	P	P	P	P	P	P
32.	720913105001	AFSAL B	P	P	P	A	P	P
33.	720913105003	ANMARIA BABU T	P	P	P	P	P	P
34.	720913105004	ANURAJ K	P	P	P	P	P	A
35.	720913105005	ARAVIND M K	P	P	P	P	P	P
36.	720913105007	CHANDRAJITH A U	P	P	P	P	P	P
37.	720913105008	DARSHAK R	A	P	P	P	P	P
38.	720913105009	DIVIN VINCENT	P	P	P	P	P	P

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CERTIFICATE OF COMPLETION

This is to certify that

SWEETISH R

Has successfully completed the Educational Course during 14-07-2016 to 09-09-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur, Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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CERTIFICATE OF COMPLETION

This is to certify that

ROHITH. KV

Has successfully completed the Educational Course during 14-07-2016 to 09-09-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur, Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

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PICHANUR, COIMBATORE - 641105

TÜV AUSTRIA

VALUE ADDED COURSE FEEDBACK FORM

Course Title	:	CCNA
Name of the Industry	:	P.K. Anandh.
Resource Person Name	:	Avatar Academi
Student Name	:	RAHUL. R
Year & Sem	:	III 2nd
Date	:	9-9-2016

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

If you said 'NO" to #9, please explain:

Staff In-charge

HOD

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PICHANUR, COIMBATORE - 641105

TÜV AUSTRIA

VALUE ADDED COURSE FEEDBACK FORM

Course Title	:	CCNA
Name of the Industry	:	P.K. Anandath
Resource Person Name	:	Avatar Academi
Student Name	:	ARUN.A.S
Year & Sem	:	III rd
Date	:	09.09.2016

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

If you said 'NO" to #9, please explain:

Staff In-charge

HOD

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CERTIFICATE OF COMPLETION

This is to certify that **DHANESH.B** has successfully completed the Educational Course 14-07-2016, 27-07-2016, 28-07-2016, 04-08-2016, 11-08-2016, 18-08-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

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Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that **RAHUL R** has successfully completed the Educational Course 14-07-2016, 27-07-2016, 28-07-2016, 04-08-2016, 11-08-2016, 18-08-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur, Coimbatore.

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Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that **SANDEEP E D** has successfully completed the Educational Course 14-07-2016, 27-07-2016, 28-07-2016, 04-08-2016, 11-08-2016, 18-08-2016 on topic **"CCNA "** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

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Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that **SOORAJ.R** has successfully completed the Educational Course 14-07-2016, 27-07-2016, 28-07-2016, 04-08-2016, 11-08-2016, 18-08-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur ,Coimbatore.

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Pichanur, Coimbatore - 641105

Operations Head & Consultant
(Prof.P.K.Amarnath)

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Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that **SUJITH.S** has successfully completed the Educational Course 14-07-2016, 27-07-2016, 28-07-2016, 04-08-2016, 11-08-2016, 18-08-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur, Coimbatore.

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Pichanur, Coimbatore-641105

Operations Head & Consultant
(Prof.P.K.Amarnath)

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

TÜV AUSTRIA

Department of Computer Science and Engineering

Pichanur, Coimbatore - 641105

CIRCULAR

Ref: Cirl/HoD/TP/1/2016 **10.07.2016**

Sub: To conduct the Placement software training and CCNA course for the circuit branches – **Reg.**

We the circuit branches (CSE, ECE & EEE) planned to conduct the Placement training classes by the trainer Mr.R.Aravindhan, on every Thursday for third year, Friday for final year and Saturday for second year students of CSE, ECE & EEE branches.

The CCNA class will be on every Thursday for final year by Mr.P.K.Amarnath, Avatar Academy. It is planned to conduct these classes from 14.07.2016. (CCNA & S/W Training Time: 9.15am to 4.00pm)

CCNA class venue : Seminar Hall

S/W Training venue: CSE Lab3 (Alan turing)

Training Coordinator

HOD

Circulation to:

- Faculty members through HODs (Circuit branches)
- II, III, IV year students through HODs (To be read in the class room)

Received

1. Copy of approval letter from secretary sir.
2. Circular with CCNA & SW Traing Students name list.

Department	HoD	Signature
1. EEE	Prof.V.Jethose	
2. ECE	Prof.V.Lakshmipathi	

Coimbatore
24.05.2016

From

Mr. K. Sivakumar,
Assistant Professor,
Department of Computer Science & Engineering,
JCT College of Engineering and Technology,
Coimbatore.

To

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

Respected Sir,

Subject: Requesting for an establish CCNA lab setup at our premises -Reg.

Our college has planned to conduct the value added courses for the final year students (Circuit branch) and I notice you that we have already signed the MoU with Avatar academy, Erode. For that we need to establish the CCNA lab setup in our college and also the following equipments are needed. So please kindly do the needful.

S.No.	Particulars	Nos.	Remarks
1	Steel rack (Rack with 9 slab)	1No.	Height X Length X Breadth (9 feet X 3 feet X 1 1/4 feet)
2	Power socket	24 Nos.	(3 pin)

Thanking you

Yours Sincerely

(Mr.K.Sivakumar)

June 30, 2016

Submitted to Secretary through Principal

From

Dr. G. Rajiv Suresh Kumar,
Head of the Department/CSE,
JCT College of Engineering and Technology,
Coimbatore.

Respected Sir,

Subject: Requisition for your kind approval **1.** Conduct the Placement training and CCNA course for the circuit branches,
2. Remuneration for the trainer- Reg.

F. Approved

We have(CSE,ECE & EEE) planned to conduct the Placemen training classes by our trainer Mr.R.Aravindhan on every Thursday for final year, Friday for third year and Saturday for second yea students of CSE,ECE & EEE branches. The CCNA class will be or every Thursday for final year by Mr.P.K.Amarnath, Avatar Academy It is planned to conduct these classes from 14.07.2016.

Submitted to Secretary Sir for kind approval

In this regards, we request your kind approval 1. To collec Rs.~~5000~~ 7500 per student for CCNA course and 2. The remuneration o Rs.3000 per day on weekly basis for the placement trainer.

1/7/16

Thanking you

Yours Sincerely

01.07.16

[Dr.G.Rajiv Suresh Kumar]

Coordinator
(K.Sivakumar)

AVATAR
ACADEMY

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Networking & Security

TRAINING OFFERED

CISCO | redhat | Microsoft Certified Professional | Check Point SOFTWARE TECHNOLOGIES LTD. | EC-COUNCIL | (ISC)²

LEVEL 1 COURSES

CISCO	RED HAT	MICROSOFT	CHECKPOINT
CCNA	LINUX (RHCE)	MCITP	CCSA

LEVEL 2 COURSES

CISCO		MICROSOFT	CHECKPOINT
CCNA	CCNP	MCTS	CCSE
SECURITY	SECURITY	MCSE	
VOICE	ROUTING	EC-COUNCIL	(ISC)²
WIRELESS	SWITCHING	C|EH	CISSP

WORKSHOPS

32 ROUTERS | VPN - SITE TO SITE (ROUTERS) | VPN - SITE TO SITE & SITE TO CLIENT (ASA FIREWALL) | VPN - SITE TO SITE & SITE TO CLIENT (CHECK POINT FIREWALL) | ACCESS OF LOCAL & EXTERNAL DB (ASA FIREWALL)

PROJECTS

IEEE PROJECTS

REAL-TIME PROJECTS

Office :
Near Karnataka Bank, No.3/1, 1st Floor,
Buddhar Street, Teachers Colony,
Perundurai Road, Erode - 638 011.

Contact us : +91 94436 96028
E-mail ID : avataracademyerode@gmail.com
Website : www.avataracademy.in

2016-2020 Batch Student Training Plan (+2 to First Year Students)

Year/Semester	Course	No. of Days
I / I	C Programming with Problem Solving **Coding Competition - 1**	10
I / II	C with Data Structure and Algorithmic Thinking **Coding Competition – 1I**	10
II/ III	C++ with Data Structure **Coding Competition – 1II**	15
II/IV	Java Programming **Coding Competition – 1V**	10
III/V	Android / PHP **Coding Competition - V**	12
III/VI	Advanced Data Structure\ **Coding Competition - V1**	15
IV/VII	Finishing School (OS, DBMS, Networking), Company Based Training Phase I	5*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

2014-2018 Batch Student Training Plan (Current Second Year to Third Year)

Year/Semester	Course	No. of Days
III/V	C with Data Structure (Problem Solving and Algorithmic Thinking) **Coding Competition – I**	30
III/VI	Java Programming **Coding Competition - II**	15
IV/VII	Finishing School (OS, DBMS, Networking), Company Based Training Phase I	5*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

2013-2017 Batch Student Training Plan (Current Third Year to Final Year)

Year/Semester	Course	No. of Days
IV/VII	C with Data Structure (Problem Solving and Algorithmic Thinking)	25*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

2015-2019 Batch Student Training Plan (Current First Year to Second Year)

Year/Semester	Course	No. of Days
II/ III	C with Data Structure with Problem Solving **Coding Competition – 1**	15
II/IV	Java Programming with Problem Solving **Coding Competition – 1V**	10
III/V	Android / PHP **Coding Competition - V**	12
III/VI	Advanced Data Structure and Problem Solving Skills with Algorithmic Thinking **Coding Competition - V1**	15
IV/VII	Finishing School (OS, DBMS, Networking), Company Based Training Phase I	5*
IV/ VIII	Company Based Training Phase II	*

* Based on No. of Company

CCNA (Routing & Switching)

Duration: 42 days (Normal track) **Duration: 12 Weeks (Weekend Track)**

Fundamentals of Networking

Networking is the practice of connecting Computer devices together to support communication among them.

IP Addressing

An IP address is a unique identifier of a computer on the network and on the internet.

Overview – IPv4 – Classes of IP address – Subnet Mask.

Subnetting

Subnetting is the process dividing an IP network into smaller networks called Subnets.

Overview – Importance of subletting – Subnet zero – Importance of Subnet Mask – Classful / Classless addressing – VLSM.

Fundamentals of Routing

Routing is the act of moving data across an internet work form a source to a destination.

Overview – Understanding the Routing Table – Types of Routing – Static Routing – Disadvantages of Static Routing.

Analysis of Network Traffic

When a host transmits data across a network to anther device, data is encapsulated with several headers and trailers.

Overview – OSI Reference Model – Encapsulation – Decapsulation – Connection Oriented Protocol Connectionless Protocol.

Dynamic Routing

Dynamic routing is the process of learning routing information automatically with the help of routing protocols.

Overview – Classes of routing protocols – RIP – IGRP – EIGRP – OSPF – Route Summarization – Route Redistribution – Load Balancing.

Switching

A switch is a device that forwards frames from any of input ports to specific output port based on MAC address.

Overview– Functions of Switch– Broadcast Domain– Collision Domain Spanning Tree Protocol VLAN – Trunking – VTP – Inter–VLAN Routing.

Packet Filtering

Packet filtering is a network security mechanism that works by controlling which data can flow to and from a network

Overview – Access Control Lists – Standard ACL – Extended ACL – Named ACL.

Network Address Translation

Network address translation (NAT) allows a router to modify packets to allow for multiple devices to share a single public IP address.

Overview – Static NAT – Dynamic NAT – Dynamic NAT with Overload – Port Address Translation

Dynamic Host Configuration Protocol

It is a network Protocol to automatically assign an IP address to a computer.

Overview – Static Configuration– Dynamic Configuration – Address Pool – Exclusions – Address Lease – DHCP Relay Agent.

IPv6

It is a new version of internet protocol designed for larger address space.

Overview – Like Local Unicast – Site Local Unicast – Global Unicast – Multicast – Static Routing IPv6 IPv4 tunneling.

Wide Area Networks

A Wide area network is a network that covers a broad area.

Overview – Packet Switching – Circuit Switching –PPP – HDLC – Frame Relay.

Virtual Private Network

A VPN is a mechanism for providing secure communication over the Internet.

Overview – Cryptography – VPN Phases – ISAKMP – IPSec - Encapsulating Security Payload - Authentication Header.

C Programming Course Contents

- C Programming Introduction
- First C Program
- C Instructions - Part I
- C Instructions - Part II
- Decision Control Instructions - Part I
- Decision Control Instructions - Part II
- More Decision Control Instructions - Part I
- More Decision Control Instructions - Part II
- Conversions
- while - Part I
- while - Part II
- for
- do while
- switch
- Menus and Functions
- Functions
- Advanced Features of Functions
- Pointers
- More Pointers
- More Pointers - II
- Near and Far Pointers
- Far and Huge Pointers
- Call By Value & Reference
- Recursion
- Datatypes Revisited
- Storage Classes
- Preprocessor - I
- Preprocessor - II
- Arrays
- Sorting Techniques

- More Arrays
- 2D Arrays
- Application of Arrays - I
- Application of Arrays - II
- Strings - I
- Strings - II
- Strings - III
- Calendar
- Structures - I
- Structures - II
- Data Structures - I
- Data Structures - II

JCT

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

TÜV AUSTRIA

Value added course on **"CCNA"** on from **14-07-2016 TO 09-09-2016**

Student Name List

S.NO	REG NUMBER	NAME OF THE STUDENT
1.	720914105001	ANIL KUMAR
2.	720914105002	ANOOP.A
3.	720914105003	ARUN.A.S
4.	720914105004	ARUN.K.M
5.	720914105005	BALA KRISHNA.R
6.	720914105006	DHANESH.B
7.	720914105007	FAIZEL.A.A
8.	720914105008	GOPAKUMAR.A.V
9.	720914105009	HEMA.R
10.	720914105010	JAMSHAD.T.K
11.	720914105011	KARTHICK RAJA.S
12.	720914105012	KRISHNA KUMAR.S
13.	720914105013	MIDHUN CHANDRAN
14.	720914105014	MUHAMMED ARSHAD ALI.T
15.	720914105015	RAHUL R
16.	720914105016	RAMESH P
17.	720914105017	REKSY. R.K
18.	720914105018	RISHIKESH K
19.	720914105019	SALMANUL MEDAR CU
20.	720914105020	SANDEEP E D
21.	720914105021	A.SATHEESH KUMAR
22.	720914105022	SHERIN.M.D
23.	720914105023	SOORAJ.R
24.	720914105024	SUHAIL. MK
25.	720914105025	SUJITH.S
26.	720914105026	TOMSON JOSE
27.	720914105027	S.VAYSHAG
28.	720914105028	V.VINOJ
29.	720914105029	C.VIPIN
30.	720914105030	R.VIVEENA
31.	720914105301	AJAY BABU P.B
32.	720913105001	AFSAL B
33.	720913105003	ANMARIA BABU T
34.	720913105004	ANURAJ K
35.	720913105005	ARAVIND M K
36.	720913105007	CHANDRAJITH A U
37.	720913105008	DARSHAK R
38.	720913105009	DIVIN VINCENT
39.	720913105010	GIJO GEORGE

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PICHANUR, COIMBATORE - 641105
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TÜV AUSTRIA

Value added course on "CCNA" on from 14-07-2016 TO 09-09-2016

ATTENDANCE

S.NO	REG NUMBER	NAME OF THE STUDENT	JULY2016			AUGUST2016		
			14	27	28	4	11	18
1.	720914105001	ANIL KUMAR	P	P	P	P	P	P
2.	720914105002	ANOOP.A	P	P	P	P	P	P
3.	720914105003	ARUN.A.S	P	P	A	P	P	P
4.	720914105004	ARUN.K.M	P	P	P	P	P	P
5.	720914105005	BALA KRISHNA.R	P	P	P	P	P	P
6.	720914105006	DHANESH.B	P	P	P	P	P	P
7.	720914105007	FAIZEL.A.A	P	P	P	P	P	P
8.	720914105008	GOPAKUMAR.A.V	P	P	P	P	A	P
9.	720914105009	HEMA.R	P	P	P	P	P	P
10.	720914105010	JAMSHAD.T.K	P	P	P	P	P	P
11.	720914105011	KARTHICK RAJA.S	P	P	P	P	P	P
12.	720914105012	KRISHNA KUMAR.S	P	P	P	P	P	P
13.	720914105013	MIDHUN CHANDRAN	P	P	P	P	P	A
14.	720914105014	MUHAMMED ARSHAD ALI.T	P	P	P	P	P	P
15.	720914105015	RAHUL R	P	P	P	P	P	P
16.	720914105016	RAMESH P	A	P	P	P	P	P
17.	720914105017	REKSY. R.K	P	P	P	P	P	P
18.	720914105018	RISHIKESH K	P	A	P	P	P	P
19.	720914105019	SALMANUL MEDAR CU	P	P	P	P	P	P
20.	720914105020	SANDEEP E D	P	P	P	P	P	P
21.	720914105021	A.SATHEESH KUMAR	P	P	P	P	P	P
22.	720914105022	SHERIN.M.D	P	P	P	P	P	P
23.	720914105023	SOORAJ.R	P	P	P	P	P	P
24.	720914105024	SUHAIL. MK	A	P	P	P	P	P
25.	720914105025	SUJITH.S	P	P	P	P	P	P
26.	720914105026	TOMSON JOSE	P	P	P	P	P	P
27.	720914105027	S.VAYSHAG	P	P	P	A	P	P
28.	720914105028	V.VINOJ	P	P	P	P	P	P
29.	720914105029	C.VIPIN	P	P	A	P	P	P
30.	720914105030	R.VIVEENA	P	P	P	P	P	P
31.	720914105301	AJAY BABU P.B	P	P	P	P	P	P
32.	720913105001	AFSAL B	P	P	P	A	P	P
33.	720913105003	ANMARIA BABU T	P	P	P	P	P	P
34.	720913105004	ANURAJ K	P	P	P	P	P	A
35.	720913105005	ARAVIND M K	P	P	P	P	P	P
36.	720913105007	CHANDRAJITH A U	P	P	P	P	P	P
37.	720913105008	DARSHAK R	A	P	P	P	P	P
38.	720913105009	DIVIN VINCENT	P	P	P	P	P	P

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AVATAR ACADEMY

Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that

SWEETISH R

Has successfully completed the Educational Course during 14-07-2016 to 09-09-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur, Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

Engage Your Knowledge Connection

AVATAR ACADEMY

Networking & Security Technology

CERTIFICATE OF COMPLETION

This is to certify that

ROHITH. KV

Has successfully completed the Educational Course during 14-07-2016 to 09-09-2016 on topic **"CCNA"** at JCT College of Engineering and Technology, Pichanur, Coimbatore.

Operations Head & Consultant
(Prof.P.K.Amarnath)

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE - 641105

TÜV AUSTRIA

VALUE ADDED COURSE FEEDBACK FORM

Course Title	:	CCNA
Name of the Industry	:	P.K. Anandh.
Resource Person Name	:	Avatar Academi
Student Name	:	RAHUL. R
Year & Sem	:	III 2nd
Date	:	9-9-2016

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

If you said 'NO" to #9, please explain:

Staff In-charge

HOD

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE - 641105

TÜV AUSTRIA

VALUE ADDED COURSE FEEDBACK FORM

Course Title	:	CCNA
Name of the Industry	:	P.K. Anandath
Resource Person Name	:	Avatar Academi
Student Name	:	ARUN.A.S
Year & Sem	:	III rd
Date	:	09.09.2016

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

If you said 'NO" to #9, please explain:

Staff In-charge

HOD

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CCNA course Resource Person Details

Name of the Resource Person	**Prof. Amarnath.P.K.,M.E.,MCA**
Designation	Certified trainer
Nationality	INDIAN
Experience & About	9 YEARS
Company Name & Address	**Avatar Academy**, Near Karnataka Bank, No.: 3/1, 1st Floor, Teacher's Colony, Perundurai Road, **Erode**, Tamil Nadu, India - 638 011
Telephone No.	*91 94436 96028*
Fax No.	NIL
E-mail Id.	avataracademyerode@gmail.com
Other details if any	Avatar Academy is a networking & security training institute headed by highly skilled & technical teams as well as process excellence, quality frameworks, service delivery and delivering solutions that meet the specific needs of industries. Avatar Academy provide Cisco, Microsoft, Checkpoint, EC-Coucil,Comptia and (ISC)2 certifications training is offering a wide range of International Certificate programs of major IT vendors in the world such as Cisco, Microsoft, etc.. in the field of networking. Avatar Academy are the No.:1 training company in around Erode district having separate CCNA, and CCNP networking devices lab facility (100 Routers, 50 PC Systems, 20 Latptops, 10 Switches, 4 Firewalls, etc...).
Website	http://www.avataracademy.in

HOD-EEE

PRINCIPAL

1. Curricular Aspects (100)				
1.1 Curriculum planning and implementation (20)				
1.1.2 Number of certificate/diploma program introduced during last five years (5)				
2015-2016				
Sl.No	**Name of the Certificate/ diploma introduced in last 5 years**	**Introduced in Curriculum and year**	**Offered for students of Program**	**Signature of HoD**
1	UNIGRAPHICS	2015-2016	AUTOMOBILE ENGINEERING	
2	SOLID WORKS			
3	AUTO CADD	2015-2016	CIVIL ENGINEERING	
	STADD PRO			
4	ADVANCES IN AGRI PRODUCE DRYING	2015-2016	FOOD TECHNOLOGY	
5	AUTO CAD	2015-2016	PETROCHEMICAL ENGINEERING	
6	FPSO DESIGN	2015-2016	PETROLEUM ENGINEERING	

Principal

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

JCT College of Engineering and Technology

Cbe -105
01.06.2015

To Whomsoever it may concern

We have planned to conduct the following Certificate courses in this academic year 2015-16 for various branches of our institution. **Herewith we are declaring that the below claimed certificate program is not in the main regular curriculum.**

Department	Name of the Certificate
AUTOMOBILE ENGINEERING	UNIGRAPHICS
AUTOMOBILE ENGINEERING	SOLID WORKS
CIVIL ENGINEERING	AUTO CADD
PETROCHEMICAL ENGINEERING	AUTO CAD
CIVIL ENGINEERING	STADD PRO
Food Technology	ADVANCES IN AGRI PRODUCE DRYING
PETROLEUM ENGINEERING	FPSO DESIGN

Principal

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105
Department of Automobile Engineering

TÜV AUSTRIA

06.07.2015

From

The Head of the Department
Department of Automobile Engineering,
JCT College of Engineering and Technology,
Coimbatore.

To

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

Respected Sir,

Subject: Requisition for your kind approval to conduct a course on **"UNIGRAPHICS"** at our campus-Reg.

The Department of Automobile Engineering has planned to conduct a course on **"UNIGRAPHICS"** for the III and IV Year automobile Students. The details about the program are given for your perusal and approval.

S.NO.	Name of the Event	Company name	Organized by	Date
1	certificate course	CADD Centre, Coimbatore	Department of Automobile Engineering	20.07.2015 to 03.08.2015

Thanking you

HoD/AUTO

PRINCIPAL

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Automobile Engineering

CIRCULAR

14.07.2015

It is here by informed that the department of Automobile is organizing certificate course on **"UNIGRAPHICS"** from 20-07-2015 to 03-08-2015.All the students are instructed to attend and get benefited.

To be read in:-

1) III Year Auto
2) IV year Auto

HoD/AUTO

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105.

Copy to:

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

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE-641105

TÜV AUSTRIA

Department of Automobile Engineering

CERTIFICATE COURSE ON UNIGRAPHICS

TIME TABLE

DATE	TIMING	TOPIC
20-07-2015 Monday	2.00 pm to 5 pm	User Interface of Unigraphics
21-07-2015 Tuesday	2.00 pm to 5 pm	Pan and Zoom feature
22-07-2015 Wednesday	2.00 pm to 5 pm	2D Sketches
23-07-2015 Thursday	2.00 pm to 5 pm	3D Graphics - Basic Level
25-07-2015 Friday	2.00 pm to 5 pm	3D Modeling (Editing Tools)
27-07-2015 Monday	2.00 pm to 5 pm	Models for Practice
28-07-2015 Tuesday	2.00 pm to 5 pm	3D Graphics - Advance Level
29-07-2015 Wednesday	2.00 pm to 5 pm	Surfacing - Basic
30-07-2015 Thursday	2.00 pm to 5 pm	Surfacing - Advance
31-07-2015 Friday	2.00 pm to 5 pm	Practice Models

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

HEAD OF THE DEPARTMENT
Department of Automobile Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore-641 105

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BRIEF PROFILE ABOUT Mr.PK.SUNDAR

CATERPILLAR INC. ENGINEERING DESIGN CENTER INDIA (EDC-I)

- *Design modifications as per the Engineer requirement after interacting with Process engineer.*
- *Delivering drawings and models, documentation, BOM part list, ensuring on-time delivery and quality.*

CATERPILLAR, CHINA & DCR-DETAILED CHECK RELEASE, ROMANIA

- *Modeling and detailing Components for Earth moving equipment's using PTC Creo 2.0*
- *Detailed engineering drawing for driver cabinet structure Frame Assembly parts. Modeling, Detailing and assembly with GD&T specification, CAT Standards specs, welding details for manufacturing.*
- *Executing design activities through PLM software (Team center). Interference check of assemblies and providing hardness area details, paint spec details and Tolerances.*
- *Executing Engineering data systems (EDS) activities Service replacement by (SRB), Cancellation replacement by (CRB), BNU capture, and Notice uploading activity in Team center,*

CORE COMPETENCE

- **Mechanical Product design of sheet metal, Structures, machines & kitchen utensils from concept level to detailing in Cad software (Solidworks 2017).**
- **New Product design & development, concept designs, Reverse Engineering, Part Modeling.Surface modeling, PPA line drawings, and 3d Printing files.**
- **Analyzing customer product requirements and designing packaging mechanisms accordingly.**
- **Strong 3-D Modeling (Solid & Surface) - Assembly & drafting.**
- **Basic knowledge of GD& T symbols.**
- **Hands-on new product design, development & manufacturing experience of plastics, metals and sheet metal components.**
- **Basic knowledge of various manufacturing process.**
- **Single level, multi-level & Configurable BOM preparation.**
- **To provide final delivery files in STL, STEP, IGES, DXF formats with Rendering.**

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- **Conversant with International standards like ANSI, ASME Y 14.5 standards.**
- **Commonising the design to reduce the number of parts used in the product variants.**
- **Development of design by Hand sketches, Prototypes, and mock-ups for the design using solid works 2016 for Modeling and drafting.**
- **Successfully designed and developed more than 200 Products and concepts.**
- **Ability and openness to learning new technologies and adapt to new environment.**

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COIMBATORE 641 105

Department of Automobile Engineering

REGISTERED STUDENTS NAME LIST

Name of the Program: **UNIGRAPHICS**

S.NO	NAME OF THE STUDENT	
1	ABHILASH.E	
2	ACHUPRASAD.K.S	
3	ANBARASU.R.B	
4	ANTO NIRMAL.K	
5	ASHOK KUMAR.M	
6	GANESH BABU.D	
7	GAUTHAM.S	
8	IVIN.P.VARGHESE	
9	JISHNU K.V	
10	KRISHNALAL.A.R	
11	MAHENDRAN.V	
12	MAJEESH K.M	
13	MATHUBALAN.P	
14	MAVIN KUMAR.M	
15	MOHAMMED HABEEB.P.A	
16	NAVEEN KUMAR.P	
17	RINSHAD M.K	
18	SACHIN P DEV.S	
19	SAFEEQ.S	
20	SARAVANAN.A	
21	SASIDHARAN.G	
22	SHARUK HANIFA.S	
23	SURYA KUMAR.B	

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24	VISHNU VARDHAN.G	
25	YOGARAJ.P	
26	ANANDHAKUMAR.S	
27	ANSON MATHEW	
28	ARUNKUMAR.S	
29	BHARATHI RAJA.P	
30	FARIS.A.P	
31	HELVIS.P.CLECTUS	
32	JAI GANESH.E	
33	JAVEEN KUMAR.M	
34	JAGADEESH.T	
35	KARTHICK.R	
36	MUHAMMED SENIL.P	
37	MUTHUKUMAR.M	
38	NAVEEN.N	
39	PRAVEEN.T	
40	RAGHUL.B.R	
41	RAMESH.S	
42	REVANTH.V	
43	SAMSON.K.PAUL	
44	SANTHOSH KUMAR.M	
45	SANTHOSH.M	
46	SHAMEEM.K.T	
47	SUDIP MUKHERJEE	
48	SUNIL.K	
49	SURESH KUMAR.L	
50	THANZEER.K.M	

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Department of Automobile Engineering

ATTENDANCE SHEET

Name of the Program: **UNIGRAPHICS**

S.NO	NAME OF THE STUDENT	20/7/15	21/7/15	22/7/15	23/7/15	24/7/15	25/7/15	26/7/15	27/7/15	28/7/15	29/7/15	30/7/15	31/7/15	1/8/15	2/8/15
1	ABHILASH.E														
2	ACHUPRASAD.K.S														
3	ANBARASU.R.B														
4	ANTO NIRMAL.K														
5	ASHOK KUMAR.M														
6	GANESH BABU.D														
7	GAUTHAM.S														
8	IVIN.P.VARGHESE														
9	JISHNU K.V														
10	KRISHNALAL.A.R														
11	MAHENDRAN.V														
12	MAJEESH K.M														
13	MATHUBALAN.P														
14	MAVIN KUMAR.M														
15	MOHAMMED HABEEB.P.A														
16	NAVEEN KUMAR.P														
17	RINSHAD M.K														
18	SACHIN P DEV.S														
19	SAFEEQ.S														
20	SARAVANAN.A														

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21	SASIDHARAN.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	SHARUK HANIFA.S	/	/	/	a	a	/	/	/	/	/	/	/	/	/
23	SURYA KUMAR.B	a	a	a	/	/	/	/	/	/	/	/	/	/	/
24	VISHNU VARDHAN.G	/	/	/	a	a	a	/	/	/	/	/	/	/	/
25	YOGARAJ.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	ANANDHAKUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	ANSON MATHEW	/	a	a	a	/	/	/	/	/	/	/	/	/	/
28	ARUNKUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	BHARATHI RAJA.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	FARIS.A.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	HELVIS.P.CLECTUS	/	/	/	/	/	a	a	a	a	/	/	/	/	/
32	JAI GANESH.E	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	JAVEEN KUMAR.M	a	a	a	/	/	/	/	/	/	/	/	/	/	/
34	JAGADEESH.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	KARTHICK.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	MUHAMMED SENIL.P	/	/	/	/	/	/	/	a	/	/	/	/	/	/
37	MUTHUKUMAR.M	/	/	/	/	/	/	/	/	/	/	a	a	a	a
38	NAVEEN.N	/	/	/	/	/	/	/	/	/	/	/	/	a	a
39	PRAVEEN.T	/	/	a	a	a	a	/	/	/	/	/	/	/	/
40	RAGHUL.B.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41	RAMESH.S	/	/	/	a	/	/	/	/	/	/	/	/	/	/
42	REVANTH.V	/	/	/	a	/	/	/	/	/	a	/	/	a	/
43	SAMSON.K.PAUL	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44	SANTHOSH	/	/	/	/	/	/	/	/	/	a	a	a	a	a

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	KUMAR.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45	SANTHOSH.M	a	/	/	/	/	/	/	/	/	/	/	/	/	a
46	SHAMEEM.K.T	a	/	/	/	/	/	/	/	/	/	/	/	/	/
47	SUDIP MUKHERJEE	/	a	/	/	/	/	/	/	/	/	/	/	/	/
48	SUNIL.K	/	a	a	/	/	/	/	/	/	/	/	/	a	a
49	SURESH KUMAR.L	a	/	a	a	/	/	/	/	/	/	/	/	/	
50	THANZEER.K.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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ATTENDANCE SHEET

Name of the Program: **UNIGRAPHICS**

S.NO	NAME OF THE STUDENT	20/7/15	20/7/15	22/7/15	22/7/15	23/7/15	23/7/15	24/7/15	24/7/15	25/7/15	25/7/15	26/7/15	26/7/15	29/7/15	29/7/15
1	ABITH KRISHNAN	/	/	/	/	/	/	/	/	//	/	/	/	/	/
2	AHAMED BILAL.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	AJITH.M	/	/	/	a	a	a	/	/	/	/	/	/	/	/
4	ALTHAF	/	/	/	/	/	/	/	/	/	/	/	/	/	a
5	ALTIN JOSEPH	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	ANAS.K	/	/	a	/	a	/	a	/	a	/	/	/	/	/
7	ARUN JAYA PRAKASH	/	/	a	/	/	/	a	/	/	/	a.	/	/	/
8	ARUN KRISHNAN.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	DEEPAK MENON P.K	a	a	/	/	/	/	/	/	/	/	/	/	/	/
10	FAZIL.M.P	/	/	a	a	a	a	a	/	/	/	/	/	/	/
11	GANESH BABU.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	GIRISH KUMAR.S	/	/	/	/	a	a	/	/	/	/	/	/	a	a
13	GOKUL.R	/	/	/	/	/	/	a	/	/	/	/	/	/	/
14	HARI RAM.M	a	/	/	/	/	/	/	/	/	/	/	a	/	/
15	HASEEB .K.T	/	/	/	/	a		a	/	a	/	a	a	/	/
16	JAYA KRISHNAN	/	/	/	/	a	a	a	a	a	/	/	/	/	/
17	JOBIN P.JOSE	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	MANSOOR ALI M.A	/	/	/	/	/	a	a	a	/	/	/	/	/	/
19	MANU P.JOHNSON	/	/	/	/	/	/	/	/	/	/	/	/	/	a
20	MOHAMMED	/	a	/	/	a	/	/	/	/	/	/	/	/	/

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	AFINSHA A.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	MOHAMMED SHAFIN	a	/	/	/	/	/	/	/	/	/	/	/	/	/
22	MUNAVAR.P	/	/	/	a	/	a	a	/	/	/	/	/	/	/
23	MUNSHEERUL AHAD.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	NAVEEN SIVADAS	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	PADMAKUMAR.V	/	a	a	/	/	/	/	/	/	/	a	/	/	/
26	PRADEEP KUMAR.K	a	a	a	/	/	/	/	/	/	/	/	/	/	/
27	SAJEESHKUMAR.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	SALMAN ASHIQ	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	SALMANUL FARIS.P.K	/	/	/	/	/	/	/	/	a	a	a	a	/	/
30	SANCHU RAVINDARAN	/	/	/	/	a	/	/	a	/	/	/	/	a	/
31	SARAVANA SRINIVASAN	/	/	a	/	/	/	/	/	/	/	/	a	/	a
32	SATHEESH.E	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	SATHISH KUMAR.K	/	/	/	/	/	/	/	/	/	/	/	/	a	a
34	SIRAJUDHEEN T.K	/	/	/	/	a	a	a	/	/	/	/	/	/	/
35	SIVARAMALINGAM.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	SUJITH.C	/	a	/	/	a	/	/	a	/	a	/	a	a	/
37	SULFEEK.C.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	SYED THANVEER.A	a	a	a	/	/	/	/	/	/	/	/	/	/	
39	VENKATESH PRABHU.S	a	a	/	/	/	/	/	/	/	/	/	/	/	/
40	VIKNESVAR.K	/	/	a	a	/	/	/	/	/	/	/	/	/	/
41	VIPIN SAM GEORGE	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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42	BENNY.Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43	BHARATH.S	/	/	/	/	a	a	/	/	a	/	/	a	/	/
44	GOWTHAM.A.G	/	/	/	/	/	a	/	a	a	a	/	/	/	/
45	KOWSHICK.D	/	/	/	/	/	/	/	/	/	a	/	/	a	/
46	MAGUDESWARAN	/	/	/	/	/	a	/	/	/	/	a	a	/	a
47	RAJEESH.R	a	a	/	/	/	/	/	/	/	/	/	/	/	/
48	RAM KISHORE.D	/	/	/	a	/	a	/	/	/	/	a	/	/	a
49	SHYAM.K	/	/	/	/	/	/	/	/	/	/	/	a	/	a
50	VINEESH WILSON	/	/	/	/	/	/	a	a	/	a	a	/	/	/

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Department of Automobile Engineering

Student Feedback

Name of the Student: Ajith.M Sex (M/F): M

Department: Auto E-mail Ajithkiswa@gmail.com

Address: No:18/1, Sinnagar, Pichanur mobile 8760192280

Students are required to rate the courses

Name of the Trainer: Sundar pichai.k

[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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Signature of HOD

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UNIGRAPHICS SYLLABUS

1. User Interface of Unigraphics
2. Pan and Zoom feature
3. 2D Sketches
4. 3D Graphics - Basic Level
5. 3D Modeling (Editing Tools)
6. Models for Practice
7. 3D Graphics - Advance Level
8. Surfacing - Basic
9. Surfacing - Advance
10. Practice Models
11. Assembly

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Certificate of Completion

Awarded to ABHILASH.E

Course on UNIGRAPHICS

in

JCT College of Engineering and Technology

at

during 20-07-2015 to 03-08-2015


MECHANICAL CADD


CIVIL CADD


PROJECT MANAGEMENT


ELECTRONIC CADD


ARCHITECTURAL CADD


ELECTRICAL CADD

10-09-2015
Date of Issue

V R Chander
Centre Head

Managing Director

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Certificate of Completion

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in Course on UNIGRAPHICS

at JCT college of Engineering and Technology

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at JCT College of Engineering and Technology

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in Course on UNIGRAPHICS

at JCT college of Engineering and Technology

during 20-07-2015 to 03-08-2015


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Certificate of Completion

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in Course on UNIGRAPHICS

at JcT college of Engineering and Technology

during 20-07-2015 to 03-08-2015


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Managing Director

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Certificate of Completion

Awarded to SAFEEQ . S

in Course on UNIGRAPHICS

at JCT college of Engineering and Technology

during 20-07-2015 to 03-08-2015


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CIVIL CADD


ARCHITECTURAL CADD


PROJECT MANAGEMENT


ELECTRONIC CADD


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Centre Head

Managing Director

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CADD CENTRE
Driving Digital Designs!

STUDENTS EVALUTIONS SHEET

Students name : S. SAFEEQ

Class and year : IV P Automobile

College name : JCT College of Engg & Tech.

Course detail : UNIGRAPHICS

Course duration : 20/07/15 - 03/08/15

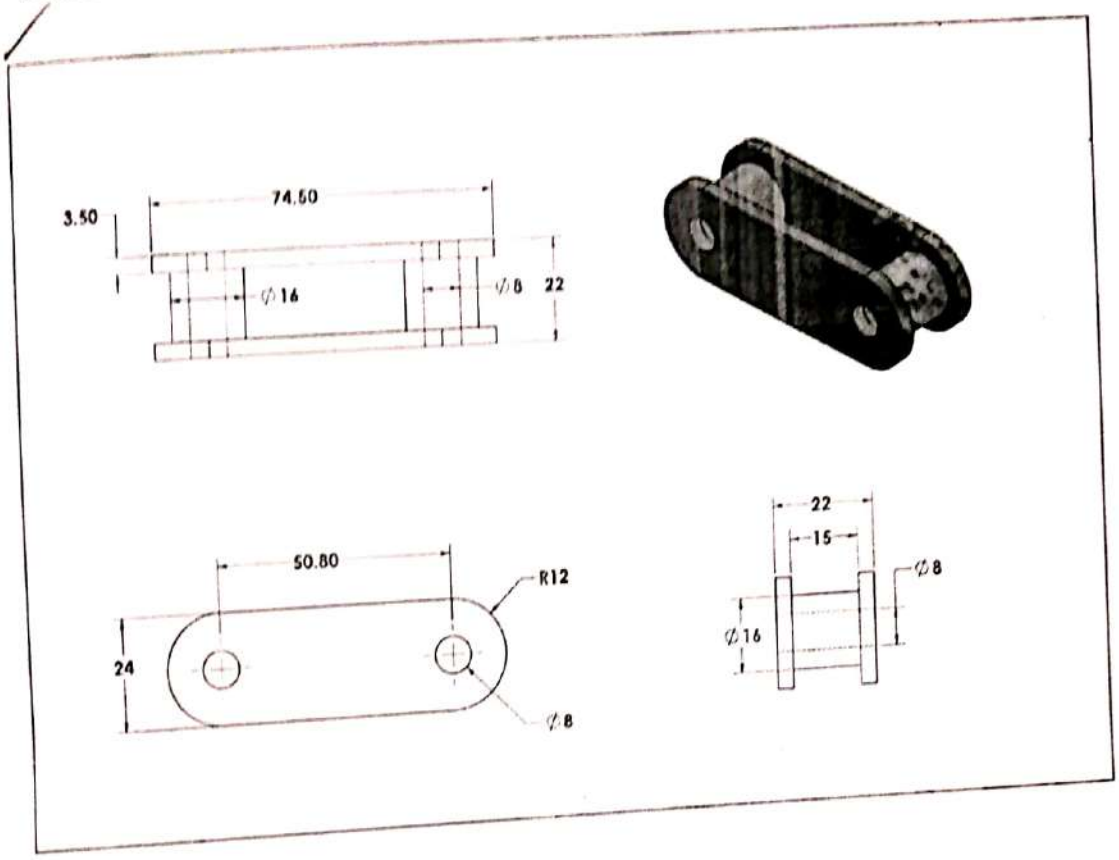
DESCRIPTION	MAX MARKS	OBTAINED MARKS	GRADE
Part Drawing	75	50	A Grade
Objective type questions	15	10	
Out put	10	10	

The students must get the pass marks in Part Drawing.

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1. Draw the any Automobile component with suitable dimensions by using unigrphics software duration time 1 hour

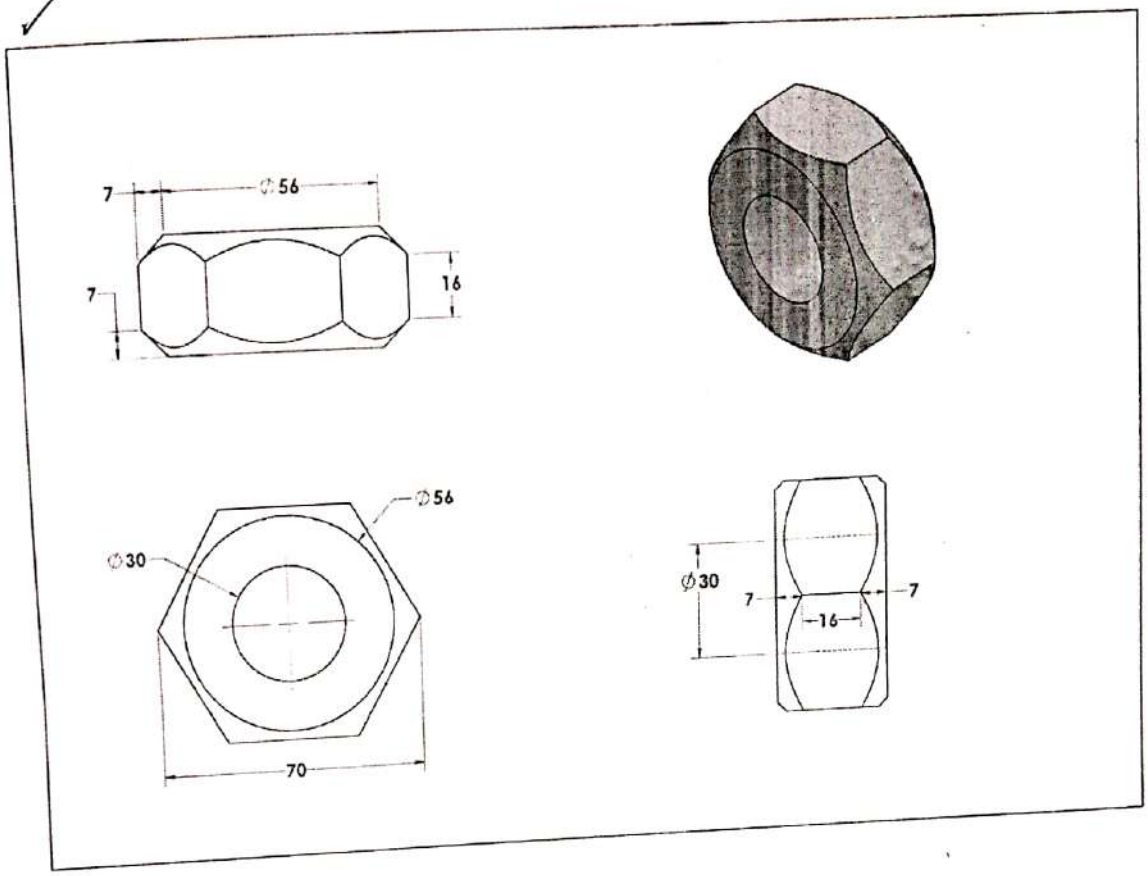
OUTPUT DIAGRAM



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2. Draw the any Automobile component with suitable dimensions by using unigrphics software duration time 1 hour

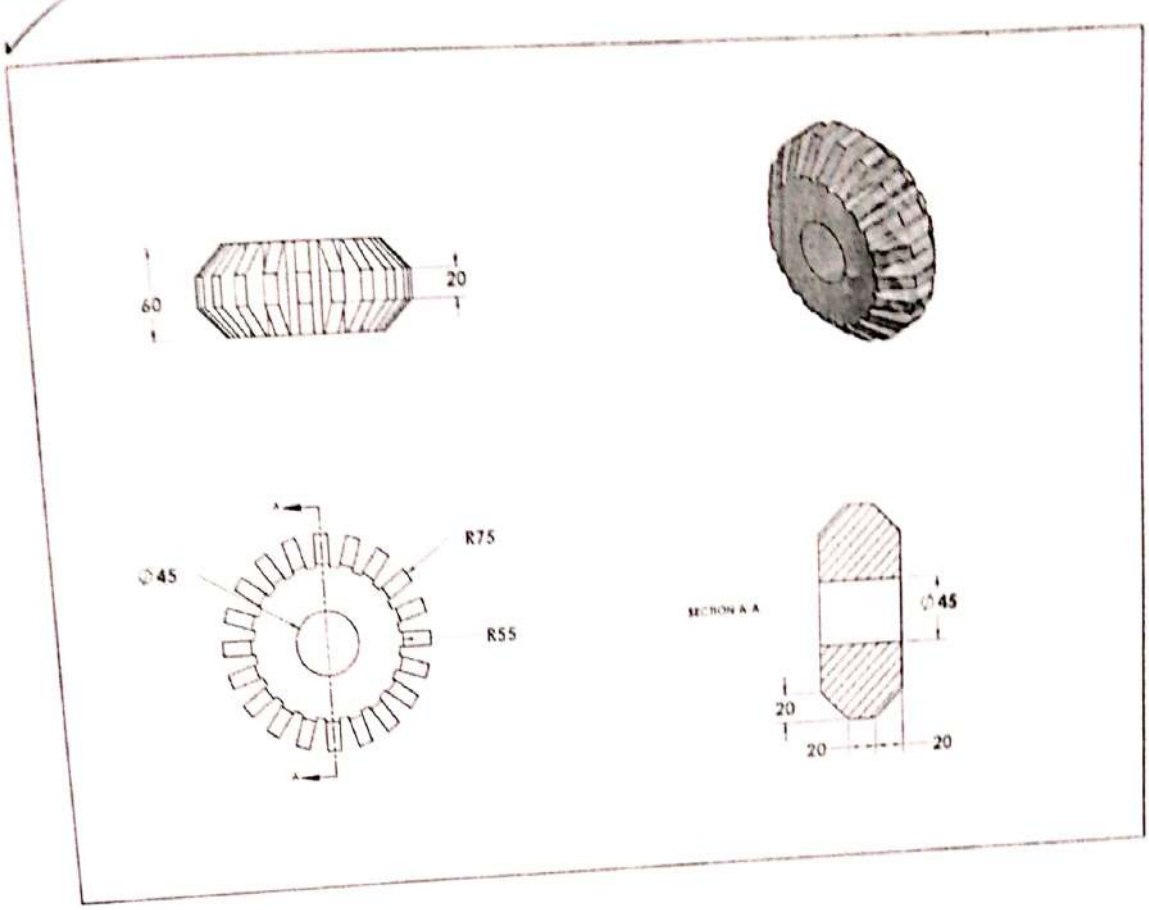
OUTPUT DIAGRAM



Scanned by CamScanner

3. Draw the any Automobile component with suitable dimensions by using unigrphics software duration time 1 hour

OUTPUT DIAGRAM

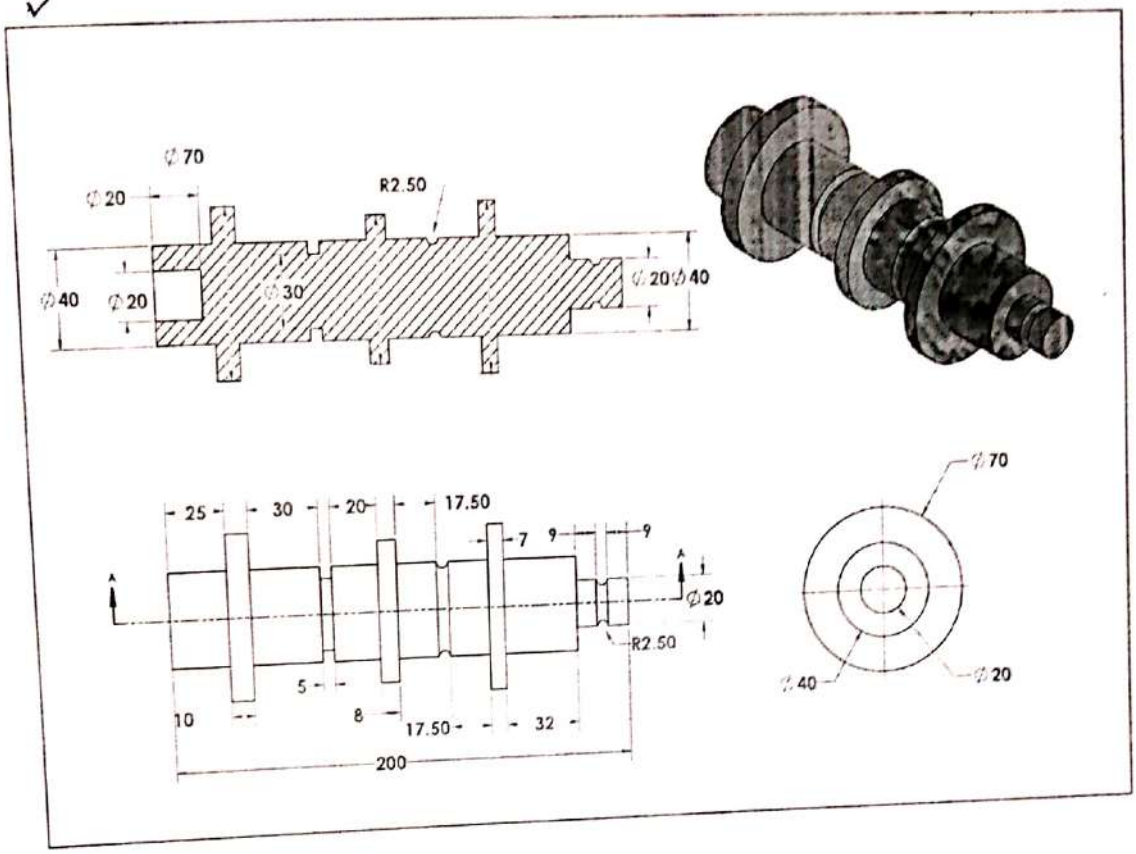


14.)
Segr.

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4.Draw the any Automobile component with suitable dimensions by using unigrphics software duration time 1 hour

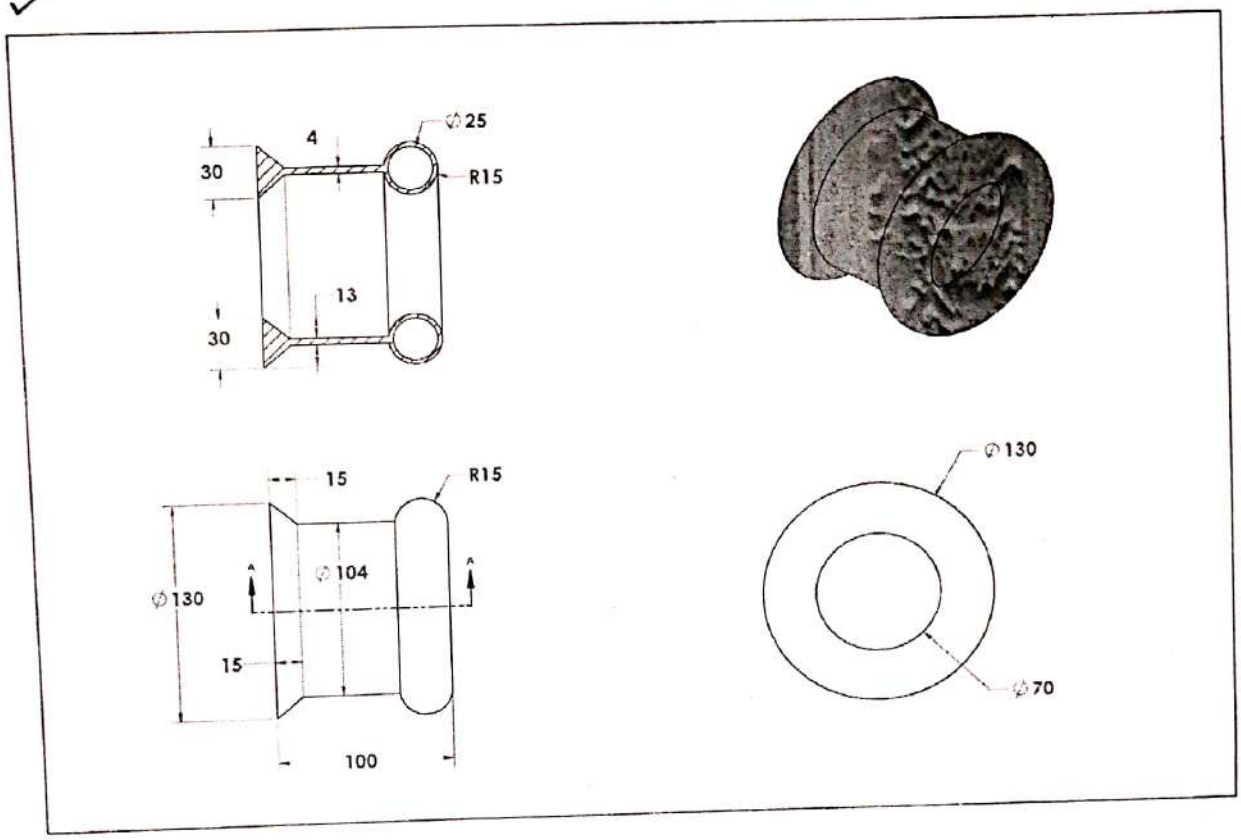
OUTPUT DIAGRAM



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5.Draw the any Automobile component with suitable dimensions by using unigrphics software duration time 1 hour

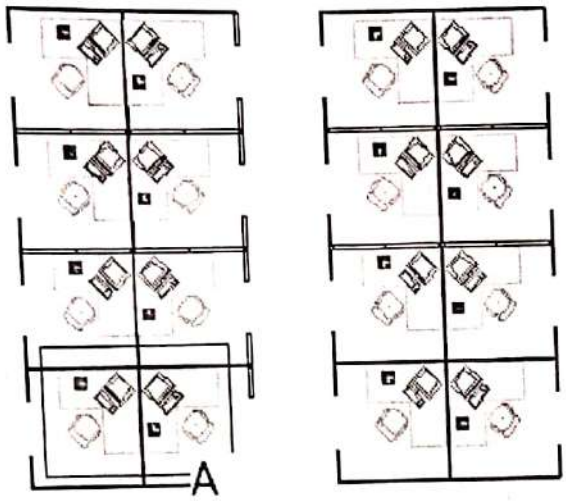
OUTPUT DIAGRAM

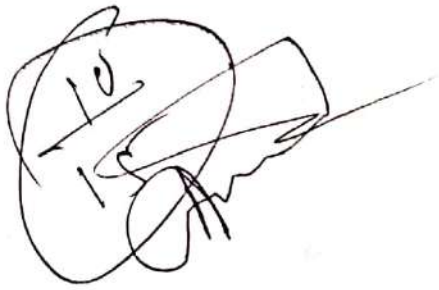


Based the output the students must get 50.

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1.





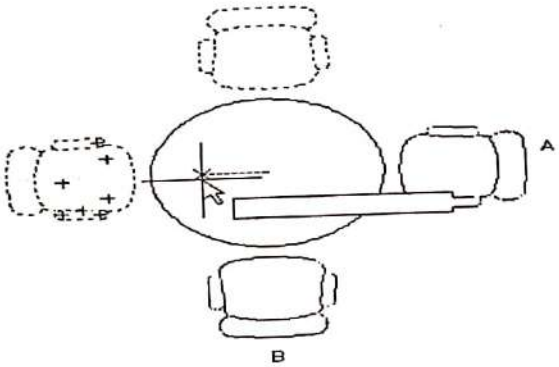
Inorder to get the below result using Object A, you have to set the number of rows and columns to:

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

2.Copy command also creates Multiples copies of an object

- A. True
- B. False

3.



What is the angle that you use to rotate the chair from point A to point B?

- A. 90

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- B. -90
- C. -270
- D. None

4. With a hot grip you can perform these editing tasks

- A. Move
- B. Offset
- C. Rotate
- D. Scale

5. Inorder to Move an object

- A. Select a base point,followed by a point to define where the object is moving to.
- B. Use the Displacement option
- C. Select object for grips, then move
- D. Above all

6. The following settings can be made for polar tracking

- A. Increment angle
- B. Additional angles
- C. Track using all polar angles settings

7. Object snap tracking works in combination with object snaps to enable you to temporarily acquire and track up to how many points?

- A. One
- B. Two
- C. Five
- D. Seven

8. One of the below options is wrong about type of Autocad drawing units.

- A. Architectural
- B. Engineering
- C. Millimeter
- D. Decimal

9. By default, AutoCAD has the following workspaces

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- A. 2D Drafting & Annotation
- B. 3D Modeling
- C. My workspace
- D. AutoCAD Classic

10. Which Key do you press to cycle through the available snap points.

- A. Ctrl
- B. Shift
- C. Tab
- D. Alt

11.



What type of Island detection type is this?

- A. Inner
- B. Outer
- C. Ignore
- D. Normal

12. Using Purge command we can purge referenced blocks.

- A. True
- B. False

13. When you Explode a block, the geometry returns to its original properties.

- A. True
- B. False

14. You cannot fillet or chamfer the first segment of a polyline with the last segment of the same polyline.

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- A. True
- B. False

15. While trimming, you select the portion of the objects to trim, not the portion to keep.

- A. True
- B. False

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 03/06/2015

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. These courses are conducted by CADD TECHNOLOGIES from 22/06/2015 to 29/06/2015.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

HoD/Civil

3/6/15

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

AUTO CAD - PROGRAMME SCHEDULE

Date:03.06.2015

S.No	Date	Time	Topic	Handled By
1	22.06.2015	9.30 AM to 12.30 PM	AutoCAD CAD History, Drawing Templates, Standards Based Design	Mr.Mughilan
		1.30 PM to 4.00 PM	Object Property & Layer Management	
2	23.06.2015	9.30 AM to 12.0 PM	Tools for Creating Key Geometry	Mr.Mughilan & Mr. Senthil
		1.30 PM to 4.00 PM	Dimensioning and Annotating Drawings	
3	24.06.2015	9.30 AM to 12.30 PM	Setting Up a Layout	Mr.Mughilan & Mr. Senthil
		1.30 PM to 4.00 PM	Model plan prepartion	
4	25.06.2015	9.30 AM to 12.30 PM	File Plotting Management	Mr.Mughilan & Mr. Senthil
		1.30 PM to 4.00 PM		
5	26.06.2015	9.30 AM to 12.30 PM	Plan & Section preparation for 2BHK	Mr.Mughilan & Mr. Senthil
		1.30 PM to 4.30 PM		
6	29.06.2015	9.30 AM to 12.30 PM	Plan, Section & Elevation of a sample Residential Building	Mr.Mughilan & Mr. Senthil
		1.30 PM to 4.30 PM		
7	30.06.2015	9.30 AM to 12.30 PM	The AutoCAD Civil 3D Interface	Mr.Mughilan & Mr. Senthil
		1.30 PM to 4.30 PM		
8	31.06.2015	9.30 AM to 01.00 PM	Doubt clearing session	Mr.Mughilan & Mr. Senthil

HOD/Civil

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Pichanur, Coimbatore - 641105

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DEPARTMENT OF CIVIL ENGINEERING
Year / Sem : II/ III

S.NO	REG.NO	NAME OF THE STUDENT
1	720914103001	AJITH KUMAR.R
2	720914103002	ANISH JEBARAJ.A
3	720914103004	ARUN KUMAR.V
4	720914103005	ARUN KUMAR.S
5	720914103006	DANESH.S
6	720914103007	DEVIPRIYA.M
7	720914103008	HARISESHAN.U
8	720914103009	KALAIMANI.M
9	720914103010	MANIKANDAN.K
10	720914103011	MOHAMMED MOOSA.S
11	720914103012	MOHAMED THAMIMUL ANSARI.S
12	720914103013	MOHAMMED ASLAM
13	720914103014	MOHAMMED MUBASHEER.K
14	720914103015	MOHAMMED NIYAS.V.P
15	720914103016	PRABAVATHI.M
16	720914103017	PRASEELA PRASANTH
17	720914103018	RAGUNATH.M
18	720914103019	RAJAMANI.R
19	720914103020	RAMEEZ.K
20	720914103021	REEVIE CIBRIYAN .J
21	720914103022	SAYUJ.S
22	720914103023	SELVENDIRAN.S
23	720914103024	SHINOJ.S
24	720914103025	SHYAM PRAKASH.S
25	720914103026	SILAMBARASAN.S
26	720914103027	SMITH KELVIN.S
27	720914103029	SUSMITHA LAKSHMI.M
28	720914103030	SUTHESH.H
29	720914103031	UMA.A
30	720914103032	VISHNU DHARSAN.N
31	720914103302	HARIKRISHNAN U
32	720914103303	JUSTINSAM
33	720914103304	KAVIYARASAN V
34	720914103305	LIYAPHILIP
35	720914103306	MOHAMMED IRSHAD K
36	720914103307	RANJITH KUMAR S
37	720914103308	SURESH G
38	720914103701	ABUL HARITH

HOD/CIVIL

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Civil Engineering

AUTOCAD TRAINING

STUDENTS ATTENDANCE

S.No.	Reg. No.	Name of the Student	22/6	23/6	24/6	25/6	26/6	29/6	30/6	31/6
1.	720914103001	AJITH KUMAR.R	/	/	/	/	/	/	/	/
2.	720914103002	ANISH JEBARAJ.A	a	a	a	/	/	/	/	/
3.	720914103004	ARUN KUMAR.V	/	/	/	/	/	/	/	a
4.	720914103005	ARUN KUMAR.S	/	/	/	/	/	/	/	a
5.	720914103006	DANESH.S	/	a	/	/	/	/	/	/
6.	720914103007	DEVIPRIYA.M	/	/	/	/	/	a	/	/
7.	720914103009	KALAIMANI.M	/	/	/	a	/	/	/	/
8.	720914103010	MANIKANDAN.K	/	/	/	/	/	/	a	/
9.	720914103011	MOHAMMED MOOSA.S	/	/	/	/	/	/	/	/
10.	720914103012	MOHAMED THAMIMUL ANSARI.S	/	/	/	/	/	/	/	/
11.	720914103013	MOHAMMED ASLAM	a	/	/	/	/	/	/	/
12.	720914103014	MOHAMMED MUBASHEER.K	/	/	/	/	/	/	/	/
13.	720914103015	MOHAMMED NIYAS.V.P	a	/	/	/	/	a	a	a
14.	720914103016	PRABAVATHI.M	/	/	/	/	/	/	/	a
15.	720914103017	PRASEELA PRASANTH	/	/	/	a	a	a	/	/
16.	720914103018	RAGUNATH.M	/	/	/	/	/	/	/	/
17.	720914103019	RAJAMANI.R	a	a	/	/	/	/	/	/
18.	720914103022	SAYUJ.S	/	/	/	/	/	/	/	/
19.	720914103023	SELVENDIRAN.S	/	a	/	/	/	/	a	/
20.	720914103024	SHINOJ.S	/	/	/	/	/	/	/	a
21.	720914103025	SHYAM PRAKASH.S	a	a	a	/	/	/	/	/
22.	720914103026	SILAMBARASAN.S	/	/	/	/	/	/	a	/
23.	720914103029	SUSMITHA LAKSHMI.M	a	/	/	/	/	/	/	/
24.	720914103030	SUTHESH.H	a	a	a	/	/	/	/	/
25.	720914103031	UMA.A	/	/	/	/	/	/	/	/
26.	720914103032	VISHNU DHARSAN.N	/	/	/	/	/	/	/	/
27.	720914103301	HARIKRISHNAN U	a	a	a	/	/	/	/	/
28.	720914103302	JUSTINSAM	/	/	/	/	/	/	/	/
29.	720914103303	KAVIYARASAN V	a	a	/	/	a	/	/	/
30.	720914103304	KAVIYARASAN V	/	/	/	/	/	a	/	/
31.	720914103307	RANJITH KUMAR S	a	/	/	/	/	a	/	/
32.	720914103308	SURESH G	/	/	/	/	/	/	a	a.

Faculty In-charge

HoD

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Pichanur, Coimbatore-641105
DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

TRAINING COURSE- STADD PRO& AUTO CADD

RESOURCE PERSON PROFILE

Name : Mr.Michael

Qualification : B.E., Civil Engineering

Total Experience : 4.5 years

Company Name : CADD Technologies

Location : Coimbatore

Skills Developed :

- ✓ Positive attitude and hardworking
- ✓ Communication and multi tasking skills.
- ✓ Self-motivation,
- ✓ Disciplined and methodical approach to problem solving.

STRENGTHS :

- ✓ Self confidence
- ✓ Problem solving skills
- ✓ Good communication skills

Company Profile

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

With the aim and commitment of providing quality training cum Industrial and Engineering solution to the companies as well as CAD aspirants **M/s.CADD Technologies** came in to inception. We started our journey on 20th Jan 2000 and slowly but the same time steadily we commenced our business outfits across TamilNadu. We started our training division in the name of M/s.CADD Technology and elevated the same as Private Limited Company from July 2012.This is our 16th year in the CAD/CAM Training Industry and having a strong planning in expanding our legs across **South India** and **Middle East**. We are having branches at Pollachi, Salem, Thirunelveli, Madurai and Chennai as of now.

The company is established by the dynamic group of directors who are in to Academic and Research field for more than a decade with a vision of providing Industrial requirement based engineering solutions by which it will have their own presence in overall growth of the Manufacturing and Civil Industry to whom the company got tieup.

We, M/s .CADD Technologies School of Design Private Limited, is an Authorized Training cum Certification Centre of M/s. Autodesk, as well as M/s. PTC in Tamilnadu region. We are providing Training cum engineering solutions to the students as well as companies in the areas like Design Engineering, Industrial Engineering, Manufacturing Engineering, Digital Prototyping and Building Information Modeling.

We have trained more than 20,000 students so far (Both at In-house as well as On-site) and have successfully placed sizable number of candidates in various domestic and MNCs to whom we got tie-up. We also have a Technical Advisory committee, which consists of eminent personalities from the leading industries of Coimbatore as well as professors and lecturers of various colleges of Coimbatore Region who are guiding us to serve the student community in a better way.

We have got our exclusive placement division namely M/s. CT HR Consultancy and we are providing free placement assistance through this division for the students who have completed training with us.

We have been awarded the All India Best New Authorized Training Centre (ATC) for the year 2012-13 by M/s. Autodesk, USA and we were the No 1 ATC in conducting Autodesk International Certification Drive for the year 2013-14 in Tamil Nadu. Also we are one among the India's Top 10 Autodesk ATC this year. We have also awarded **South India's best ATC** for the year 2012-13, 2013-14 and 2014-15 by **PTC**.

Advantages to College for having tie-up with ATC:-

1. **M/s. Autodesk** has entered an MOU with **AICTE** and through which All Engineering colleges comes under AICTE are eligible for getting Free Licenses of Autodesk Products up to **125 seater** from AEP Portal with the support of Technical Team from us. The free software grant is worth about **80 Lakhs** and valid for 3 years.
2. It can utilized for the University Inspection and other accreditation purposes as the License Key will be issued on the College Name only and updated to AICTE directly on successful completion of Downloading.
3. No of License can be increased based on the MOU signed with ATC as the ATC can vouch the student strength and actual requirement.
4. **M/s. Autodesk** and **M/s. PTC** are conducting several design competition to the college students in State and national level. For all such competitions they are also conducting state level workshops for a day or two at some colleges which will be attended by students across Tamil Nadu. Every year we are conducting one day work shop on Autodesk Inventor, Revit and AutoCAD software at various colleges across Tamilnadu to give awareness about the application of Software and its industrial usage along with tips to students for design competition too.
5. **Faculty Development Programs** will be conducted in your college for the staff members your college and staff members from in and around colleges of your region with the technical support from **Autodesk and PTC certified Professionals** on latest Technologies.
6. **Guest Lecture by the Corporate Officials** as well as Industry Professionals may be organized by us.
7. Joint promotional activities for improving student's knowledge in Design Field.
8. Placement Assistance through our HR Division M/s. CT HR Consultancy.
9. Can Establish Student Design Club at your college and student can post their creative at Autodesk and PTC portal. Best creative may get them a job as it has been shared to the industries by both the parent companies.

Advantages to the students when they appear for Professional Certification:-

1. Students will be provided **Training on Latest versions** of Software.
2. Students will be provided **Official Training Courseware** of **Autodesk and PTC**.
3. **Internationally Recognized Certificate with Unique Student ID**.
4. Students Name will be displayed in **M/s. Autodesk** as well as **M/s. PTC web Portal**.
5. **Students can use M/s. Autodesk Logo** in their **Resume** which will help them at the time of Interview.
6. **Free license** to Students also.
7. **Final Year Design projects** can be availed from both Autodesk and PTC.
8. **Students can attend all free webinars** organized by them time to time.
9. Students can get an exposure of Industrial Project while providing Training.
10. Student Expert Program can also be conducted at campus every year to motivate them

CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Civil Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
- Construction Lines
- Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

AutoCAD 3D
Chapter 1: The AutoCAD Civil 3D Interface
AutoCAD Civil 3D GUI
AutoCAD Civil 3D
Toolspace AutoCAD Civil
3D Panorama Workshops

Chapter 2: Project Management
AutoCAD Civil 3D
Projects Sharing Data
Using Data Shortcuts for Project Management

Chapter 3: Parcels
Lines and curves
Introduction to Parcels
Creating and Editing Parcels
Parcel Reports, Labels, Tables

Chapter 4: Survey
Survey Workflow
Overview Survey Figures
Points
Importing Survey
Data Point Groups

Chapter 5: Surfaces

Surface Processes
Surface Properties
Contour Data
Other Surface Data
Breaklines and Boundaries
Surface Labels
Surface Volume Calculations
Surface Analysis Display

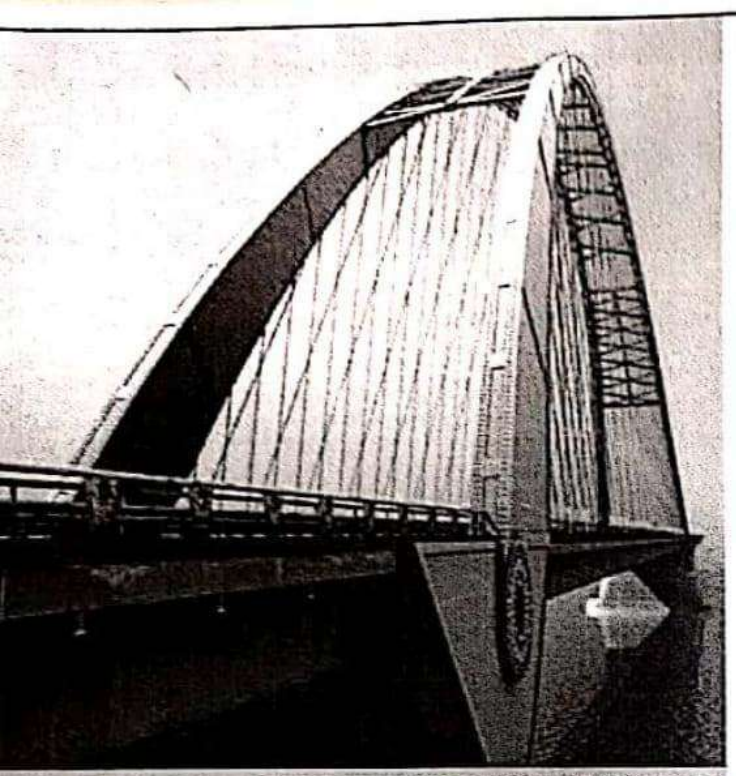
Chapter 6: Alignments
Introduction to Alignments
Alignment Properties
Labels and Tables

Chapter 7: Profiles
Create a Profile View Style
Create Profiles from Surface
Create Profile Wizard
Create and Edit Profiles

Chapter 8: Corridors
Assembly Overview
Modifying Assemblies
Creating Corridor and it's
properties Corridor Surfaces
Visualization

Chapter 9: Grading, Pipe Networks
Feature Lines
Grading Tools
Modifying Grading
Pipe Configuration
Creating Networks
Editing Piping Networks
Annotating Pipe Networks

Chapter 10: Plan Production
Plan Production Tools
Plan Production Objects
Creating Sheets
Sheet Sets



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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : AJITHKUMAR R

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: CAZ1500345255

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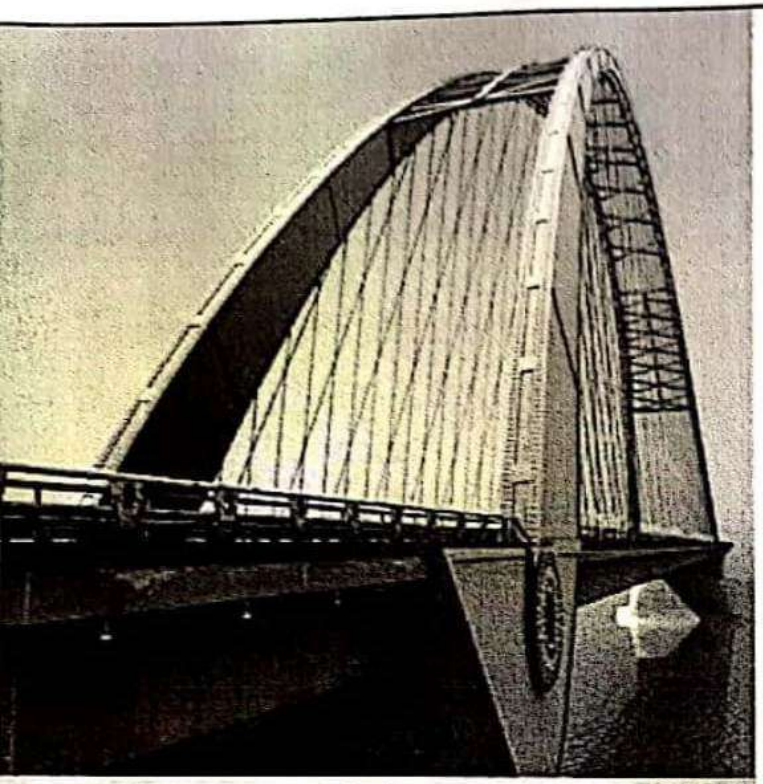
MANAGING DIRECTOR	VARUNKUMAR M	06th NOV 2015
	CENTRE HEAD	DATE OF ISSUE

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JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : **Auto CAD**

AWARDED TO : **ANISH JEBARAJ A**

AT : **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DURING : **45 Hours** STUDENT ID NO.: **CAZ1500345256**

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

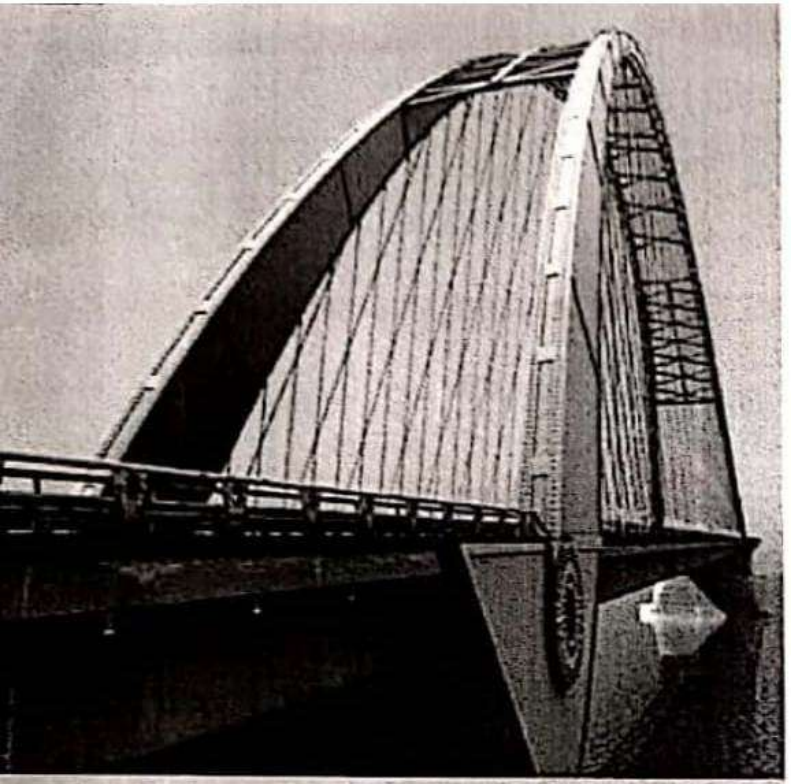
06th NOV 2015
DATE OF ISSUE

PRINCIPAL
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Pichanur, Coimbatore - 641105

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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : ARUN KUMAR S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: CAZ1500345257

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

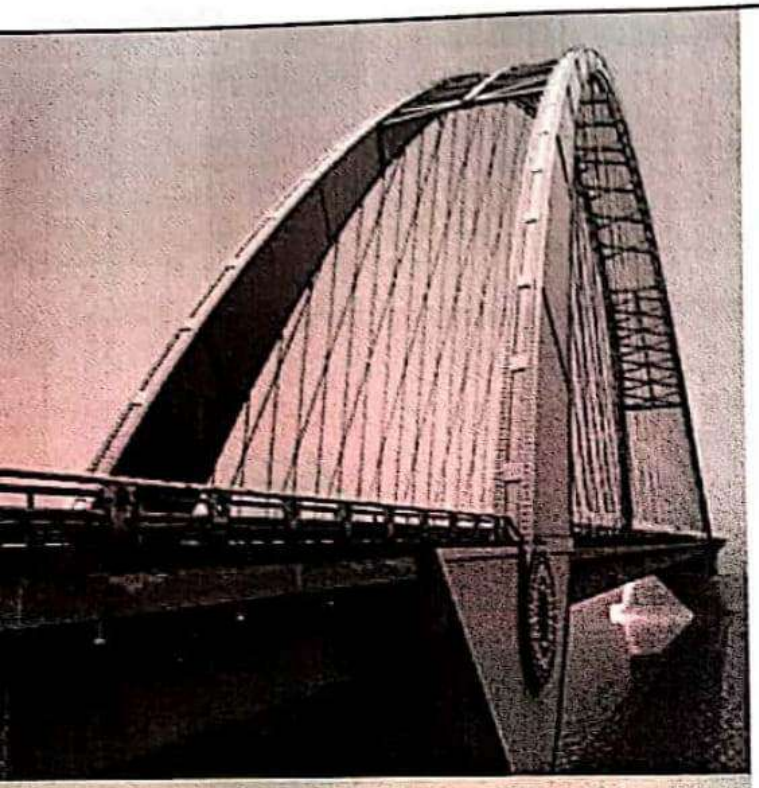
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DURING : 45 Hours STUDENT ID NO.: CAZ1500345258

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CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : DEVIPRIYA M

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: CAZ1500345259

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MANAGING DIRECTOR

VARUNKUMAR M
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AUTOCADD TRAINING QUESTIONS

1. The View option of the UCS command

A) aligns a new UCS parallel to the screen.

B) aligns a new UCS to the selected face of an object.

C) moves the origin of the current UCS to the lower left corner of the screen.

D) applies the current UCS to a specified viewport.

2. A wireframe model of a titanium block would most closely resemble a(n)

A) ice cube.

B) empty cardboard box.

C) box-shaped wire basket.

D) book.

3. Wireframe drawings can be used to

A) show and define the sides of an object.

B) present design ideas to potential clients.

C) calculate volume.

D) determine spatial relationships between objects.

4. If you were on one side of a wireframe cube looking toward a solid sphere on the other side of the cube, you would see

A) only the wireframe.

B) the solid sphere and the wireframe, because the wireframe has no sides.

C) the outline of the sphere through the translucent walls of the wireframe.

D) the solid sphere only, because the wireframe is transparent.

5. Of the following, the object best suited for a wireframe model is

A) the hull of a speedboat.

B) a refrigerator.

C) a wire shelving unit.

D) a laptop computer.

6. To edit a wireframe model, use

A) grips.

B) the WIREDIT command.

C) the SPLINEDIT command.

D) the WEDIT command.

7. A wireframe model is created using

A) 2D objects with the EXTRUDE command.

B) 2D objects such as points, lines, and circles.

C) 3D objects such as spheres and cones.

D) 3D commands such as REVOLVE and TABSURF.

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8. One disadvantage of using wireframes as opposed to surface or solid models is that

A) they take longer to create.

B) they take up more space on the storage medium.

C) they corrupt more easily.

D) they can be difficult to understand because they are "stick figures."

9. The main difference between creating wireframe models and creating 2D objects is that

A) 2D objects cannot be extruded.

B) wireframe objects cannot be edited using 2D editing commands.

C) 2D objects are created on two or more planes.

D) wireframe geometry is created using the X, Y, and Z axes.

10. To avoid surprises when you create a wireframe model, it is a good idea to

A) avoid using object snaps.

B) stay in the default world coordinate system.

C) specify coordinates using the absolute technique.

D) view the model from the top (plan) view while working.

11. Compared with surface and solid models, wireframe models take

A) about the same amount of time to create.

B) less time to create.

C) more time to create.

D) about 30 minutes to create.

12. Surface models are considered to be more advanced than wireframe models because

A) they can be used to calculate mass properties.

B) they have surfaces (faces).

C) they have volume.

D) they can be used to calculate holding properties and weights.

13. An analytic surface is one that

A) is described by an equation or set of equations.

B) is formed from a set of data points that are used as control points.

C) interpolates the input data, allowing control of individual data points.

14. Surface models are used mostly in

A) modeling mechanical parts.

B) creating architectural models.

C) modeling complex electrical systems.

D) modeling complex curves in boat hulls and car fenders.

15. The number of segments in a tabulated surface is controlled by the

A) SURFTAB1 system variable.

B) SURFTAB2 system variable.

C) SURFTYPE system variable.

D) EDGESURF command.

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FEEDBACK FORM

This ***Training Evaluation Feedback Form*** is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

1. **How did you attend this training?** *(check all that apply)*
   - [ ] As an instructor/facilitator
   - [ ] As a trainee in a group setting
   - [x] As a Web-based training in a group setting
   - [ ] As a self-paced Web-based training
   - [ ] Other *(describe)*:

2. **Was this training?**
   - [x] Required
   - [ ] Optional

3. **Based on the training course description, how did your learning experience compare to what you expected when you began the training.** *(check only one)*
   - [ ] Learned much more than I expected.
   - [ ] Learned somewhat more than I expected.
   - [ ] Learned as much as I expected.
   - [x] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
   - [ ] Learned nothing new.

4. **Please rate how well this training program met your expectations in the following areas:**

	One of the Worst	Below Average	Average	Above Average	One of The Best
Course content		✓			
Course materials			✓		
Presentation style				✓	
Joint exercise content	✓				
Open discussions				✓	
Availability of support materials		✓			
Other: *(describe)*:	✓				

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [ ] Definitely
   - [ ] Probably
   - [x] Not certain
   - [ ] Probably not
   - [ ] Definitely not

6. **Comments:** —

(Name & Signature)

FEEDBACK FORM

This *Training Evaluation Feedback Form* is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

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   - [ ] As a Web-based training in a group setting
   - [ ] As a self-paced Web-based training
   - [ ] Other *(describe)*:

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   - [x] Required
   - [ ] Optional

3. **Based on the training course description, how did your learning experience compare to what you expected when you began the training.** *(check only one)*
   - [ ] Learned much more than I expected.
   - [ ] Learned somewhat more than I expected.
   - [x] Learned as much as I expected.
   - [ ] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
   - [ ] Learned nothing new.

4. **Please rate how well this training program met your expectations in the following areas:**

	One of the Worst	Below Average	Average	Above Average	One of The Best
Course content			✓		
Course materials		✓			
Presentation style		✓			
Joint exercise content			✓		
Open discussions	✓				
Availability of support materials			✓		
Other: *(describe)*:					

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [ ] Definitely
   - [ ] Probably
   - [x] Not certain
   - [ ] Probably not
   - [ ] Definitely not

6. **Comments:**



(Name & Signature)

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Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

Stadd Pro - PROGRAMME SCHEDULE

Date:03.06.2015

S.No.	Date	Time	Topic	Handled by
1	22.06.2015	10.00 am to 12.30 pm	Introduction about STAAD.Pro.	Mr.Varunkumar & Mr.Saravanan
		1.30 pm to 4.30 pm	Stadd. Pro Settings	
2	23.06.2015	9.30 am to 12.0 pm	Creating Load Combinations	Mr.Varunkumar
		1.30 pm to 4.30 pm		
3	24.06.2015	9.30 am to 12.30 pm	Assigning Properties, Supports, Loads	Mr.Varunkumar
		1.30 pm to 4.30 pm		
4	25.06.2015	9.30 am to 12.30 pm	Model Analysis of Beam	Mr.Varunkumar,
		1.30 pm to 4.30 pm		
5	26.06.2015	9.30 am to 12.30 pm	Analysis of Simply Supported Beam & Framed Structure	Mr.Varunkumar & Mr.Saravanan
		1.30 pm to 4.30 pm		
6	29.06.2015	9.30 am to 12.30 pm	Beam Design	Mr.Varunkumar & Mr.Saravanan
		1.30 pm to 4.30 pm		
7	30.06.2015	9.30 am to 12.30 pm	Column & footing Design	Mr.Varunkumar & Mr.Saravanan
		1.30 pm to 4.30 pm		
8	31.06.2015	9.30 am to 12.30 pm	Analysis of Framed Structure Including Slabs	Mr.Varunkumar & Mr.Saravanan
		1.30 pm to 4.00 pm		

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Year / Sem : II/ III

S.NO	REG.NO	NAME
1	720913103001	ABDUL AFEED T K
2	720913103002	ABDUL NAUFAL P B
3	720913103003	ABDUL NAZAR P K
4	720913103004	AJAY C P
5	720913103005	AMAL M P
6	720913103006	ANAS MOHAMED P V
7	720913103007	ANEES PRADEEPA A
8	720913103008	ANJANA K
9	720913103009	ARJUNAN N
10	720913103010	ARUL PRAKASH R
11	720913103011	ARUN A
12	720913103012	ARUN K
13	720913103013	ARUN RAJ K
14	720913103014	ASHIQ P T
15	720913103015	ASNA H
16	720913103016	AZHARUDHEEN K
17	720913103017	BALAKRISHNAN N
18	720913103019	DEEPAK VISWAMBARAN
19	720913103020	GOKUL K
20	720913103021	GUNABALA G
21	720913103022	HARIPRIYA N
22	720913103024	JASINIYA P
23	720913103025	JEYON GEORGE
24	720913103026	JISHNU P
25	720913103027	JITHIN P
26	720913103028	KARTHICK R
27	720913103029	KATHIRAVAN R
28	720913103030	KEERTHI S
29	720913103031	MANU R
30	720913103032	MITHUN C
31	720913103033	MOHAMED ASLAM
32	720913103034	MOHAMMED SANOOP M
33	720913103035	MOHAMMED SHAMEEM K
34	720913103036	MOHAN KUMAR C
35	720913103037	MUHAMMED SAALIM K
36	720913103038	MUNEESWARAN M
37	720913103039	MUTHUPANDI P
38	720913103040	MUTHURAJ M
39	720913103041	PAVITHRAA T
40	720913103042	PERINBASAGARAN S
41	720913103043	PREEJITH C P
42	720913103044	PREETHA G
43	720913103045	PRIYA R

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AUTO CAD TRAINING PROGRAMME

STUDENTS ATTENDANCE SHEET

S.No.	Reg. No.	Name of the Student	22/6	23/6	24/6	25/6	26/6	29/6	30/6	
1.	720913103004	AJAY C P	/	/	/	/	/	/	/	
2.	720913103005	AMAL M P	/	/	/	/	/	/	/	
3.	720913103006	ANAS MOHAMED P V	/	/	/	/	/	/	/	
4.	720913103007	ANEES PRADEEPA A	/	a	/	/	/	/	/	
5.	720913103008	ANJANA K	/	/	/	/	/	/	/	
6.	720913103009	ARJUNAN N	/	/	/	/	/	/	a	
7.	720913103010	ARUL PRAKASH R	a	/	/	a	/	/	/	
8.	720913103011	ARUN A	/	/	/	/	/	/	/	
9.	720913103012	ARUN K	/	/	/	a	/	/	/	
10.	720913103014	ASHIQ P T	/	a	/	/	/	/	/	
11.	720913103017	BALAKRISHNAN N	/	/	/	/	/	/	/	
12.	720913103019	DEEPAK VISWAMBARAN	/	/	/	/	/	/	a	
13.	720913103020	GOKUL K	/	/	/	a	/	a	/	
14.	720913103021	GUNABALA G	/	/	/	/	/	/	/	
15.	720913103022	HARIPRIYA N	/	/	/	/	/	/	/	
16.	720913103024	JASINIYA P	/	/	/	/	/	/	/	
17.	720913103027	JITHIN P	/	a	/	/	/	/	a	
18.	720913103028	KARTHICK R	/	/	/	/	/	/	/	
19.	720913103029	KATHIRAVAN R	/	/	/	/	a	/	/	
20.	720913103030	KEERTHI S	/	/	/	/	/	/	/	
21.	720913103032	MITHUN C	/	/	a	/	/	/	/	
22.	720913103037	MUHAMMED SAALIM K	/	/	/	/	/	/	/	
23.	720913103038	MUNEESWARAN M	/	a	/	/	/	/	/	
24.	720913103039	MUTHUPANDI P	/	/	/	/	/	/	/	
25.	720913103040	MUTHURAJ M	/	/	/	a	/	/	/	
26.	720913103041	PAVITHRAA T	/	/	/	/	/	/	/	
27.	720913103043	PREEJITH C P	/	/	/	/	/	a	a	
28.	720913103044	PREETHA G	/	/	/	/	/	/	/	
29.	720913103045	PRIYA R	/	a	/	/	/	/	/	
30.	720913103048	RAVINA V	/	/	/	/	/	/	/	
31.	720913103049	REVANTH M	/	/	/	/	a	/	/	
32.	720913103050	SANGESH J	/	/	/	/	/	/	/	
33.	720913103051	SARAVANAN S	a	/	/	/	/	/	/	
34.	720913103052	SETHUMAHARAJAN M	/	/	a	/	a	/	/	
35.	720913103053	SHANTY E S	/	/	/	/	/	/	/	
36.	720913103054	SREE RANJINI S	/	/	/	/	/	/	/	
37.	720913103057	VADIVEL C	/	/	/	/	/	a	a	
38.	720913103058	VARUN PRASAD A K	a	/	/	/	/	/	/	
39.	720913103301	HARITHA K.B	/	/	/	/	/	/	/	
40.	720913103302	KALAISELVAN A	/	/	/	/	/	/	/	
41.	720913103303	KRISHNA PRASAD K.P	/	/	/	a	/	/	/	
42.	720913103306	SENTHUR PANDI J	/	/	/	/	/	/	a	
43.	720913103307	SHIBINA.M.K	/	/	/	/	/	/	/	

Faculty In-charge

HoD

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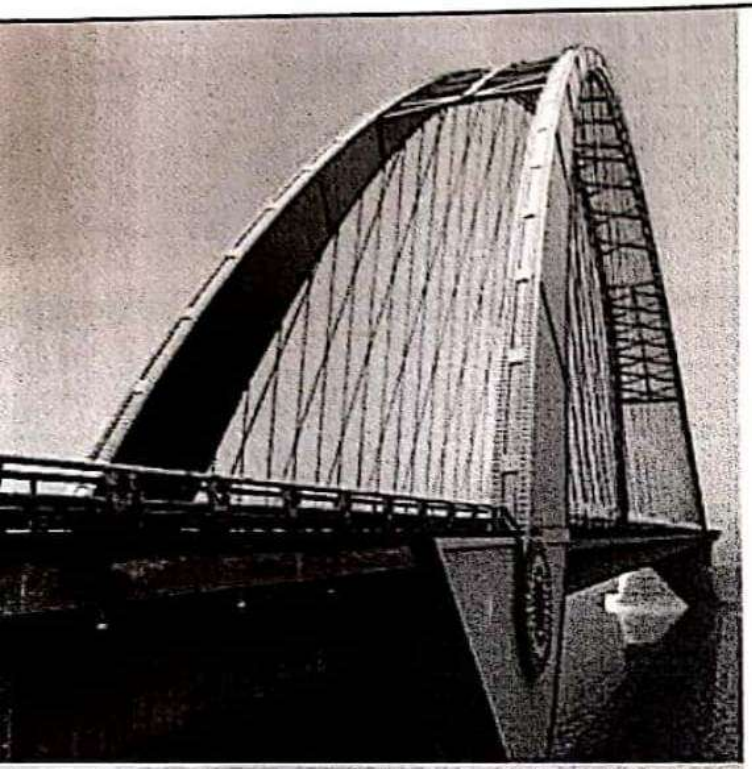
STAAD.PRO - SYLLABUS

STAAD.Pro **Total Duration : 45 Hours**

Week	Topics
1	• Overview of Structural Analysis and Design • Calculating Shear Force and Bending Moment values for various supports and load types • Introduction o STAAD.Pro V8i o STAAD Editor • Co-ordinate Systems o Global Vs Local • Creating a New Project in STAAD.Pro • Units • Model Generation oCreating Nodes & Members • Select Menu Model Editing Tools Translational Repeat Circular Repeat Move Mirror Rotate Insert Node □ For a Single Member □ For Multiple Members Add Beam □ Point to Point □ Between Midpoints □ Perpendicular Intersection □ Curved Member
2	Model Editing Tools o Connect Beams Along o Stretch Selected Members o Intersect Selected Members o Merge Selected Members o Renumber o Split Beam o Break Beams at Selected Nodes Creating Models by using Structure Wizard Mini Project 1
3	Member Property Specification • Member Offset Material Specification • Group Specification Loading o Creating a Primary Load o Adding Selfweight Loading o Nodal Load o Member Load □Uniform Force and Moment

	□Concentrated Force and Moment □Linear Varying Load □Trapezoidal Load □Hydrostatic Load □Pre/Post Stress□ Area Load □Floor Load Mini Project 2 Loading o Wind Load Creating Load Combination oAutomatic Load Combination o Edit Auto Load Rules o Moving Load o Reference Load o Repeat Load
3	Mini Project 3 • Introduction to Analysis o Perform Analysis o Overview of Output Page o Pre-analysis Print o Post-analysis Print • Inactive or Delete Specification General Guidelines for Design Concrete Design in STAAD.Pro o Column Design o Beam Design RC Designer Beam Design Column
4	Project 1 Seismology o Introduction Terminologies • Standards for Earthquake Design • General Principals for Earthquake Design • Finding the Lateral Force (manual calculation) Finding the Lateral Force by using STAAD.Pro Dynamic Analysis o Response Spectrum Analysis Mini Project 4 • Cylindrical and Cylindrical Reverse Co-ordinate Systems Introduction to FEM • FEM Modelling in • STAAD.Pro o Snap Plate o Add Plate Create Infill Plates

	Generate - Surface Meshing Generate Plate Mesh Parametric Modelling • Member Truss Creating FEM models by using Structure Wizard • Adding Plate Thickness Plate Load o Pressure on • Full Plate o Concentrated • Load o Partial Plate Pressure Load Trapezoidal Load o Hydrostatic Load o Element Joint Load
5 & 6	➢ Water Tank Design Slab Design ➢ One-way Slab & Two-way Slab ➢ Staircase Design ➢ Shear wall Modelling and Design ➢ Solid Modelling and Analysis



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STADD PRO

IN : STADD Pro

AWARDED TO : AJAY C P

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CBR150923425252

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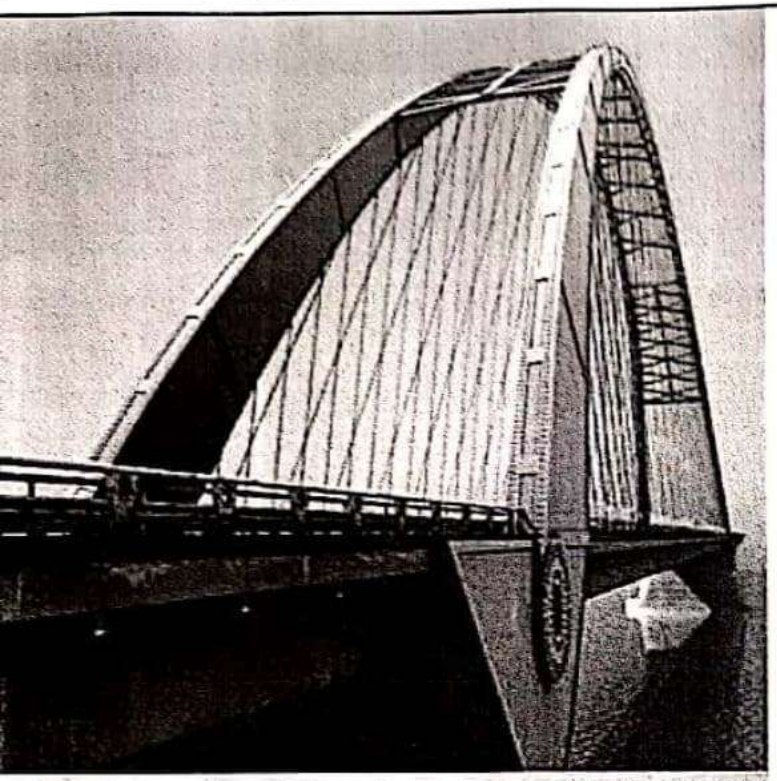
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AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CBR150923425253

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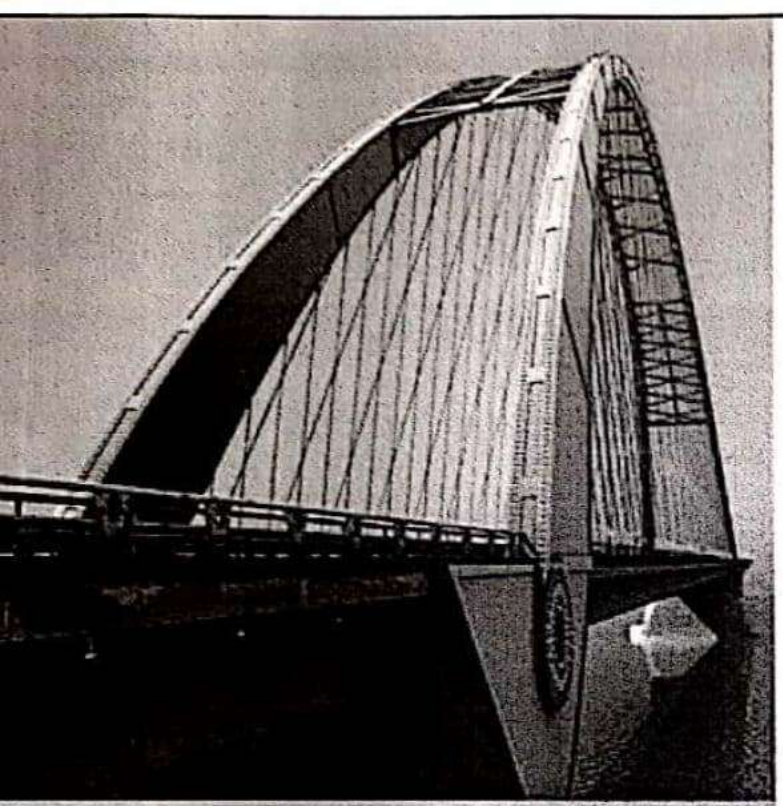
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DURING : 45 HOURS STUDENT ID NO.: CBR150923425254

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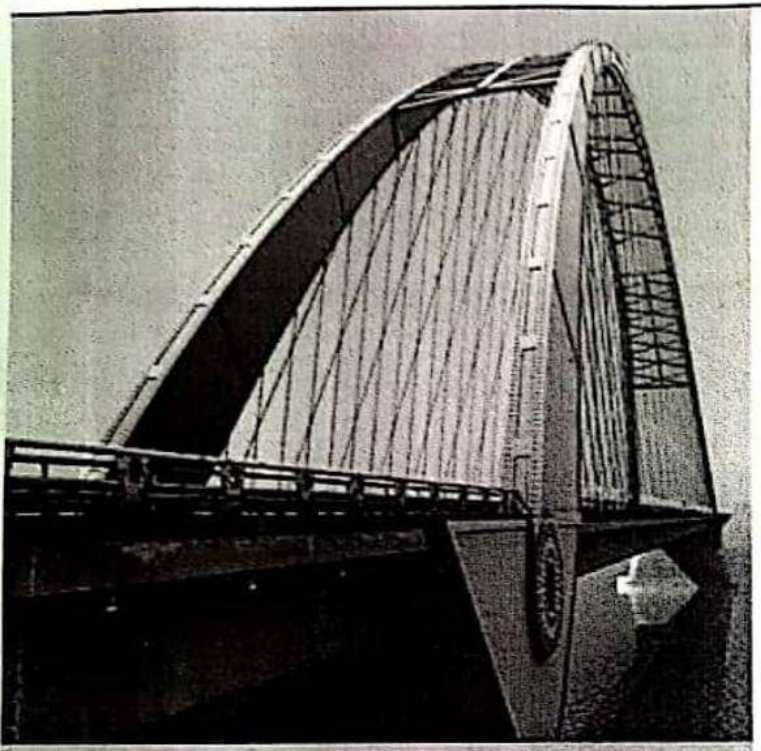
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STADD PRO

IN : STADD Pro

AWARDED TO : ANJANA K

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CBR150923425255

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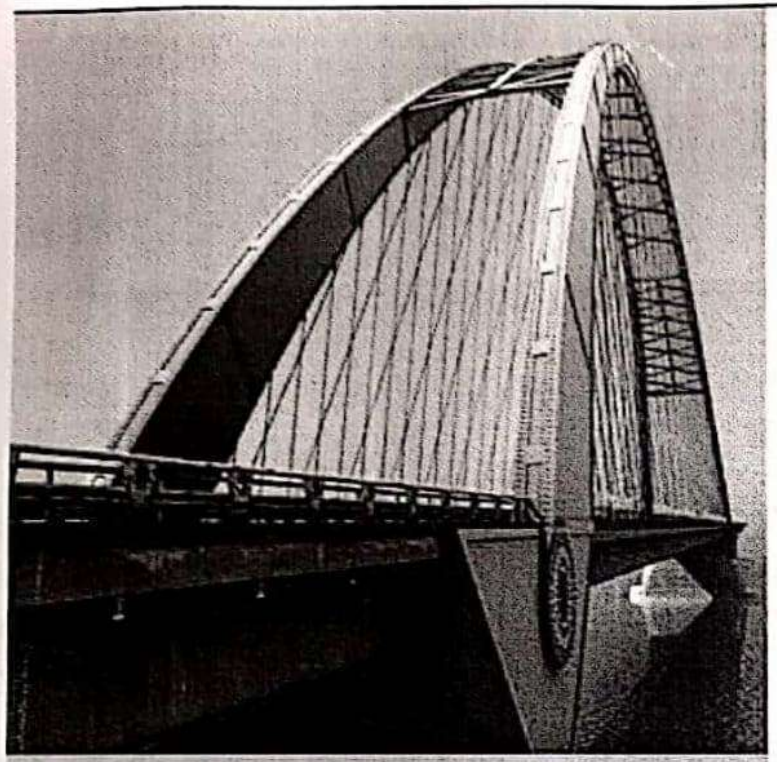
MANAGING DIRECTOR	VARUNKUMAR M CENTRE HEAD	06 NOV 2015 DATE OF ISSUE

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

CADD CENTRE
Driving Digital Designs!

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- ELECTRICAL
- CIVIL

CADD Centre and CADD Centre logo are registered trademarks of CADD Centre Training Services Private Limited.
Corporate Office : 8th Floor, GEE GEE Crystal, Office No. 8C & 8D, #91, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004, India.
Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ARRJUNAN N

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CBR150923425256

This is a computer generated certificate.

MANAGING DIRECTOR	CENTRE HEAD	DATE OF ISSU
	VARUNKUMAR M	06 NOV 201

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

CADD CENTRE
Driving Digital Designs!

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CADD Centre training is available through a wide network of training centres. The courses offered are comprehensive and of high quality. The participants are trained by well experienced instructors in the latest technology.

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

STADD PRO - QUESTIONS

1. Candetailrotationallowyoutorotatethedetailcomponentinrepeatingdetail?
   a. Yes
   b. No

2. Which two statements are true?
   a. Doors can be placed in a 30view
   b. Door Properties can be changed
   c. Doors are level hosted elements
   d. Doors can be placed before walls

3. When you edit the elevation profile of a stacked wall,you edit one main profile. If you break up the stacked wall, each subwall refers to the main profile of the original stacked wall.
   a. True
   b. False

4. How do you control projection/cut values of families?
   a. Options
   b. Object Styles
   c. View
   d. Visibility/Graphics Overrides

5. If a reference line is curved, how many and where are the reference planes?
   a. Three-two at the end sand one in the middle
   b. Three-two and the end sand one follows the curve
   c. Two- at the ends
   d. One- along the line

6. Modifying the instance will:
   a. Modify all the other components at the same time
   b. Modify only the components you have selected

7. What are four tabs that appear in the Schedule Properties dialog box?
   a. Fields
   b. Filter
   c. Appearance
   d. Datum
   e. Formatting
   f. Type

8. What do you use to add a new customized field to a schedule?
   a. Field stab>Remove
   b. Field stab>Parameter
   c. Sorting and Grouping tab>Sortby
   d. Formatting tab>Hidden Field

9. This key rotates a component counter clockwise by 90 degrees:

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a. ENTER
b. CTRL
c. SPACEBAR
d. ALT

10. Which is a railing component?
    a. Baluster
    b. Riser
    c. Spiral
    d. Knob

11. If you associate an element to its host via the work plane. When the host moves, the element moves as w
    a. True
    b. False

12. Which TWO statements are true about a wall?
    a. You cannot connect a wall to floors
    b. You can place a window in a wall
    c. You cannot connect a wall to ceilings
    d. You can join a wall to other walls.

13. Which tab contains the Window tool?
    a. Design
    b. Modify
    c. Home
    d. Insert

14. families are building components that would usually be purchased, delivered, and installed in and around building, such as doors, windows and furniture.
    a. system
    b. In-place
    c. Basic
    d. Loadable

15. Multiple team members can work on a model in the central file
    a. True
    b. False

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Training Evaluation Form

Date: 29-6-2015

Title and location of training: Stadd pro

Trainer: Varun Kumar

Instructions: Please indicate your level of agreement with the statements listed below in #1-11.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The objectives of the training were clearly defined.	○	○	✓	○	○
2. Participation and interaction were encouraged.	○	○	○	✓	○
3. The topics covered were relevant to me.	○	○	✓	○	○
4. The content was organized and easy to follow.	○	✓	○	✓	○
5. The materials distributed were helpful.	○	✓	○	○	○
6. This training experience will be useful in my work.	○	○	○	✓	○
7. The trainer was knowledgeable about the training topics.	○	○	✓	○	○
8. The trainer was well prepared.	○	✓	○	○	○
9. The training objectives were met.	○	○	✓	○	○
10. The time allotted for the training was sufficient.	○	✓	○	○	○
11. The meeting room and facilities were adequate and comfortable.	○	○	✓	○	○

(More questions on back →)

12. What did you like most about this training?

Content

13. What aspects of the training could be improved?

Presentation

14. How do you hope to change your practice as a result of this training?

-time Period

15. What additional adult ESL training would you like to have in the future?

16. Please share other comments or [illegible] on previous [illegible]

Thank you for your feedback!!

Training Evaluation Form

Date: 29-6-15

Title and location of training: Stadd Pro

Trainer: Varun Kumar

Instructions: Please indicate your level of agreement with the statements listed below in #1-11.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The objectives of the training were clearly defined.	✓	○	○	○	○
2. Participation and interaction were encouraged.	○	✓	○	○	○
3. The topics covered were relevant to me.	○	✓	○	○	○
4. The content was organized and easy to follow.	✓	○	○	○	○
5. The materials distributed were helpful.	○	○	✓	○	○
6. This training experience will be useful in my work.	○	○	✓	○	○
7. The trainer was knowledgeable about the training topics.	○	○	✓	○	○
8. The trainer was well prepared.	○	○	✓	○	○
9. The training objectives were met.	✓	○	○	○	○
10. The time allotted for the training was sufficient.	○	✓	○	○	○
11. The meeting room and facilities were adequate and comfortable.	○	✓	○	○	○

(More questions on back →)

12. What did you like most about this training?

Objectives of this course was liking

13. What aspects of the training could be improved?

14. How do you hope to change your practice as a result of this training?

15. What additional adult ESL training would you like to have in the future?

16. Please share other comments or feedback on previous questions here:

Thank you for your feedback!

JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
Pichanur, Coimbatore – 641 105

24.11.2015

From

Head of the Department,
Department of Petrochemical Engineering,
JCT College of Engineering and Technology,
Coimbatore – 641 105.

To

The Principal
JCT College of Engineering and Technology,
Coimbatore – 641 105.

Respected Sir,

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

The Department of Petrochemical Engineering is planned to conduct the "AUTO CAD" course organized by Authorized training centre for our Petrochemical engineering students. The details about the program and the trainer are given below for reference. Hence I request you to kindly provide the permission for conducting the above course successfully.

Name of the Event	Organized by	Course trainer	Date
AUTO CAD	CADD Technologies, Auto desk, Authorized training centre	D.Saravanan, M.Siranjeevi	30/12/2015 to 09/01/2016

Thanking you,

Yours truly,

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

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

01/12/2015

CIRCULAR

DEPARTMENT OF PETROCHEMICAL ENGINEERING

It is proposed to conduct a CAD/CAM/CAE Training provider by the CADD TECHNOLOGIES; they are **Autodesk and PTC - Authorized Training cum Certification Centre.** The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting, CAD/CAM/CAE training. From 30/12/2015 to 09/01/2016, so interested candidates register the name to our department coordinator.

HOD/PCE

PRINCIPAL 01/12/2015

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

DEPARTMENT OF PETROCHEMICAL ENGINEERING

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED

CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre

PTC University Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

Ref: PCE / Proposal / Engg / 89 / 2015 **Date: 20.11.2015**

To,

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

Through : Dr. R.PARAMASIVAM, HoD – Petrochemical Engineering.

Respected Sir,

Sub: **On-Site CAD/CAM/CAE Training**

We are happy to introduce our self as a leading CAD/CAM/CAE Training provider in TamilNadu Region. We are **Autodesk and PTC - Authorized Training cum Certification Centre** in this region and we are providing CAD/CAM/CAE software training as well as industrial solutions for the last 15 years. We have trained more than 18000 students which include both in-house and onsite training at various colleges.

The growth of the CAD/CAM/CAE is rapidly increasing and the opportunity for this digital engineering is also mounting, keeping this in mind we pioneered our self to provide on-site CAD/CAM/CAE training at University, Engineering colleges and also in industries.

We are forwarding herewith our on-site training Proposal for your kind perusal seeking an opportunity to provide value added software training to your students and guide them to build their bright future.

Thanking You

For CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED,





Varunkumar M, DGM – Operations
Cell: + 91 98421 04219.

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Company Profile

CADD TECHNOLOGIES SCHOOL OF DESIGN PRIVATE LIMITED

With the aim and commitment of providing quality training cum Industrial and Engineering solution to the companies as well as CAD aspirants **M/s.CADD Technologies** came in to inception. We started our journey on 20th Jan 2000 and slowly but the same time steadily we commenced our business outfits across TamilNadu. We started our training division in the name of M/s.CADD Technology and elevated the same as Private Limited Company from July 2012.This is our 16th year in the CAD/CAM Training Industry and having a strong planning in expanding our legs across **South India** and **Middle East**. We are having branches at Pollachi, Salem, Thirunelveli, Madurai and Chennai as of now.

The company is established by the dynamic group of directors who are in to Academic and Research field for more than a decade with a vision of providing Industrial requirement based engineering solutions by which it will have their own presence in overall growth of the Manufacturing and Civil Industry to whom the company got tieup.

We, M/s .CADD Technologies School of Design Private Limited, is an Authorized Training cum Certification Centre of M/s. Autodesk, as well as M/s. PTC in Tamilnadu region. We are providing Training cum engineering solutions to the students as well as companies in the areas like Design Engineering, Industrial Engineering, Manufacturing Engineering, Digital Prototyping and Building Information Modeling.

We have trained more than 20,000 students so far (Both at In-house as well as On-site) and have successfully placed sizable number of candidates in various domestic and MNCs to whom we got tie-up. We also have a Technical Advisory committee, which consists of eminent personalities from the leading industries of Coimbatore as well as professors and lecturers of various colleges of Coimbatore Region who are guiding us to serve the student community in a better way.

We have got our exclusive placement division namely M/s. CT HR Consultancy and we are providing free placement assistance through this division for the students who have completed training with us.

We have been awarded the All India Best New Authorized Training Centre (ATC) for the year 2012-13 by M/s. Autodesk, USA and we were the No 1 ATC in conducting Autodesk International Certification Drive for the year 2013-14 in Tamil Nadu. Also we are one among the India's Top 10 Autodesk ATC this year. We have also awarded **South India's best ATC** for the year 2012-13, 2013-14 and 2014-15 by **PTC**.

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Advantages to College for having tie-up with ATC:-

1. **M/s. Autodesk** has entered an MOU with **AICTE** and through which All Engineering colleges comes under AICTE are eligible for getting Free Licenses of Autodesk Products up to **125 seater** from AEP Portal with the support of Technical Team from us. The free software grant is worth about **80 Lakhs** and valid for 3 years.
2. It can utilized for the University Inspection and other accreditation purposes as the License Key will be issued on the College Name only and updated to AICTE directly on successful completion of Downloading.
3. No of License can be increased based on the MOU signed with ATC as the ATC can vouch the student strength and actual requirement.
4. **M/s. Autodesk** and **M/s. PTC** are conducting several design competition to the college students in State and national level. For all such competitions they are also conducting state level workshops for a day or two at some colleges which will be attended by students across Tamil Nadu. Every year we are conducting one day work shop on Autodesk Inventor, Revit and AutoCAD software at various colleges across Tamilnadu to give awareness about the application of Software and its industrial usage along with tips to students for design competition too.
5. **Faculty Development Programs** will be conducted in your college for the staff members your college and staff members from in and around colleges of your region with the technical support from **Autodesk and PTC certified Professionals** on latest Technologies.
6. **Guest Lecture by the Corporate Officials** as well as Industry Professionals may be organized by us.
7. Joint promotional activities for improving student's knowledge in Design Field.
8. Placement Assistance through our HR Division M/s. CT HR Consultancy.
9. Can Establish Student Design Club at your college and student can post their creative at Autodesk and PTC portal. Best creative may get them a job as it has been shared to the industries by both the parent companies.

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Advantages to the students when they appear for Professional Certification:-

1. Students will be provided **Training on Latest versions** of Software.
2. Students will be provided **Official Training Courseware** of **Autodesk and PTC.**
3. **Internationally Recognized Certificate with Unique Student ID.**
4. Students Name will be displayed in **M/s. Autodesk** as well as **M/s. PTC web Portal.**
5. **Students can use M/s. Autodesk Logo** in their **Resume** which will help them at the time of Interview.
6. **Free license** to Students also.
7. **Final Year Design projects** can be availed from both Autodesk and PTC.
8. **Students can attend all free webinars** organized by them time to time.
9. Students can get an exposure of Industrial Project while providing Training.
10. Student Expert Program can also be conducted at campus every year to motivate them

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CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Petrochemical Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD /CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
- Configure Object Property Settings
- Automatic Management of Layers
- Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
- Construction Lines
- Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
- Power Commands
- Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

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Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

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JCT

JCT College of Engineering and Technology

Coimbatore-105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

Course:AUTOCAD

Day	1	2	10.45-11.00	3	4	12.30-01.20	5	6	7	8
	9.10-10.45			11.00-12.30			1.20 – 4.30			
30/12/2015	**Introduction Through HOD & Principal,**		BREAK	D.Saravanan, M.Siranjeevi		LUNCH BREAK	D.Saravanan, M.Siranjeevi			
31/12/2015	D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			
04/01/2016	D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			
05/01/2016	D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			
06/01/2016	D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			
07/01/2016	D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			
08/01/2016	D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			
09/01/2016	D.Saravanan, M.Siranjeevi			D.Saravanan, M.Siranjeevi			**Assessment test, Feedback**			

HOD

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

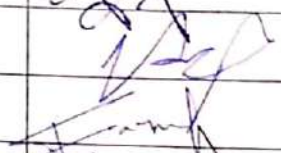
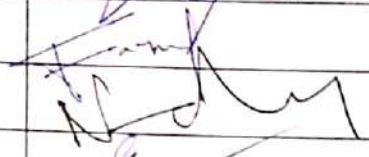
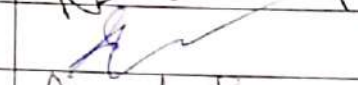
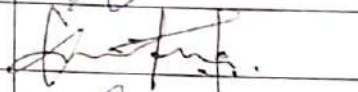
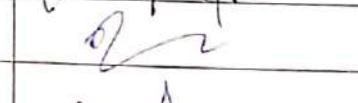
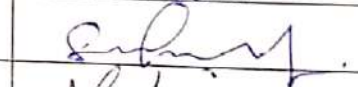
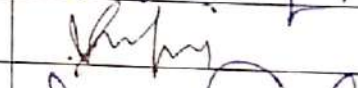
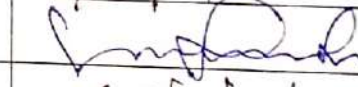
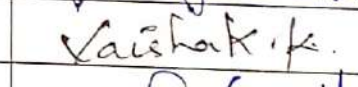
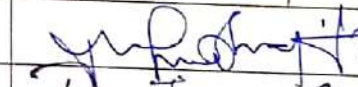
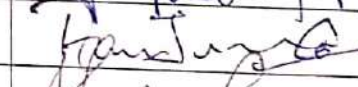
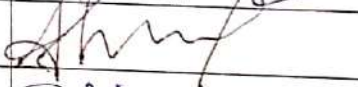
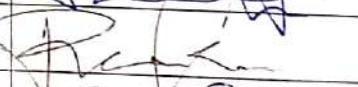
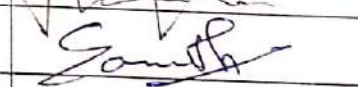
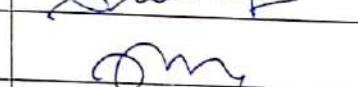
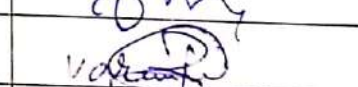
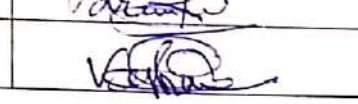
SI:NO	NAME	SIGNATURE OF THE STUDENTS
1.	ANUROOP SASTHA · K·R	
2.	APARNA S PILLAI	
3.	ASHIF NECHIKKANDAN	
4.	ASHOK SAMRAT R	
5.	BINIYAS ABOOBACKER ALI	
6.	DINESH G	
7.	ELDHO KURIAKOSE	
8.	FOUSE KHALID	
9.	GOKUL G KUMAR	
10.	GOPI.A	
11.	GURUBALAN M	
12.	JAHUBAR SATHIK ALI.J	
13.	JASMINE S	
14.	JIBU B THOMAS	
15.	KAMALNATH · J	
16.	KANNAPAN S	
17.	KARTHICK T	
18.	KAVIN KISHORE P	
19.	MAGNUS MARTIN W	
20.	MAHAVISHNU S.	
21.	MANIKANDAN S	
22.	MENAGA D	

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23.	MIDHUN K JOY	
24.	MINAL S	
25	MOHAMED FAZITH M	
26	MOHAMED NADEEM A	
27.	MOHAN KARTHIK T	
28	MUHAMED IRSHAD KOTTUVALA	
29.	MUHAMMED SHIYAS A T	
30	NASARUDHEEN V P	
31.	NIKHIL K S	
32	SHIBILI SALAM K	
33	SIBI S	
34	SIVA MADHAV R	
35	VAISHAKH K	
36.	ABITH MOHAMED M	
37.	AMAL JOSE	
38	AMSON M D	
39	PONMARISHRAJA N	
40	RAJESH S	
41	REVANTH KUMAR R	
42.	SARATH RJ V	
43	SETHURAM SWAROOP CP	
44.	SHAHEER K K	
45	VARUN RAVI	
46	VISHNU C R	

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47.	VYSHAK · R	
48	VYSHAKH P	
49.	IRFAN P.K	
50.	MOHAMMED RIFAS P	
51.	RAHUL · K	
52.	MEERAASANIKANI · S	
53.	SURAJ KUMAR·P	
54.	SYLIN JOSE S J	
55.	TESSY ELZA JOSEPH ·	

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Sl:NO	NAME	ID NO							
1	ANUROOP SASTHA K R	IBD160139001							
2	APARNA S PILLAI	IBD160139002							
3	ASHIF NECHIKKANDAN	IBD160139003							
4	ASHOK SAMRAT R	IBD160139004							
5	BINIYAS ABOOBACKER ALI	IBD160139005							
6	DINESH G	IBD160139006							
7	ELDHO KURIAKOSE	IBD160139007							
8	FOUSE KHALID	IBD160139008							
9	GOKUL G KUMAR	IBD160139009							
10	GOPI A	IBD160139010							
11	GURUBALAN M	IBD160139011							
12	JAHUBAR SATHIK ALI J	IBD160139012							
13	JASMINE S	IBD160139013							
14	JIBU B THOMAS	IBD160139014							
15	KAMALNATH J	IBD160139015							
16	KANNAPAN S	IBD160139016							
17	KARTHICK T	IBD160139017							
18	KAVIN KISHORE P	IBD160139018							
19	MAGNUS MARTIN W	IBD160139019							
20	MAHAVISHNU S	IBD160139020							

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21	MANIKANDAN S	IBD160139021							
22	MENAGA D	IBD160139022							
23	MIDHUN K JOY	IBD160139023							
24	MINAL S	IBD160139024							
25	MOHAMED FAZITH M	IBD160139025							
26	MOHAMED NADEEM A	IBD160139026							
27	MOHAN KARTHIK T	IBD160139027							
28	MUHAMED IRSHAD KOTTUVALA	IBD160139028							
29	MUHAMMED SHIYAS A T	IBD160139029							
30	NASARUDHEEN V P	IBD160139030							
31	NIKHIL K S	IBD160139031							
32	SHIBILI SALAM K	IBD160139032							
33	SIBI S	IBD160139033							
34	SIVA MADHAV R	IBD160139034							
35	VAISAKH K	IBD160139035							
36	ABITH MOHAMED M	IBD160139036							
37	AMAL JOSE	IBD160139037							
38	AMSON M D	IBD160139038							
39	PONMARISHRAJA N	IBD160139039							
40	RAJESH S	IBD160139040							
41	REVANTH KUMAR R	IBD160139041							
42	SARATH N V	IBD160139042							
43	SETHURAM SWAROOP C P	IBD160139043							

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44	SHAHEER K K	IBD160139044	✓	✓	✓	✓	✓	✓	✓	✓
45	VARUN RAVI	IBD160139045	✓	✓	✓	✓	✓	✓	✓	✓
46	VISHNU C K	IBD160139046	✓	✓	✓	✓	✓	✓	✓	✓
47	VYSHAK R	IBD160139047	✓	✓	✓	✓	a	✓	✓	✓
48	VYSHAKH P	IBD160139048	✓	✓	✓	✓	✓	✓	✓	✓
49	IRFAN P K	IBD160139049	✓	✓	✓	✓	✓	✓	✓	✓
50	MOHAMMED RIFAS P	IBD160139050	✓	✓	✓	✓	✓	a	✓	✓
51	RAHUL K	IBD160139051	✓	✓	✓	✓	✓	✓	✓	✓
52	MEERAASANKANI S	IBD160139052	✓	✓	✓	✓	✓	✓	✓	✓
53	SURAJ KUMAR P	IBD160139053	✓	✓	a	✓	✓	✓	✓	✓
54	SYLIN JOSE S J	IBD160139054	✓	✓	✓	✓	✓	✓	✓	✓
55	TESSY ELZA JOSEPH	IBD160139055	✓	✓	✓	✓	✓	✓	✓	✓

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Training Evaluation Form

Title of event: AutoCad

Date of event: 09/01/2016.

Location of event: JCT CET

Trainers: Mr. M. Saravanan. Mr. D. Sranjeevi

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging		✓			
3.The presentation materials were relevant		✓			
4.The content of the course was organised and easy to follow	✓				
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length was appropriate		✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant	✓				
9.The venue was appropriate for the event		✓			

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10. What was most useful?

Good information about autocad and Drawing.

11. What was least useful?

Basic information

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

Improvment of the animated video.

13. Would you recommend this course to colleagues? ✓ Yes/No Why?

Good information about autocad.

14. Any other comments?

good.

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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Training Evaluation Form

Title of event: AUTOCAD

Date of event: 09/01/2016

Location of event: JCTCET

Trainers: MR. D. SARAVANAN , MR. M. SIRANJEEVI

Instructions: Please tick your level of agreement with the statements listed below	Strongly Agree	Agree	Disagree	Strongly Disagree	Not relevant to this event
1.The objectives of the training were met	✓				
2.The presenters were engaging		✓			
3.The presentation materials were relevant	✓				
4.The content of the course was organised and easy to follow	✓				
5.The trainers were well prepared and able to answer any questions	✓				
6.The course length was appropriate		✓			
7. The pace of the course was appropriate to the content and attendees		✓			
8.The exercises/role play were helpful and relevant		✓			
9.The venue was appropriate for the event	✓				

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10. What was most useful?

Improved the 3D diagram.

11. What was least useful?

more topic the 3D diagram.

12. What else would you like to see included in this event?Are there any other topics that you wouldlike to be offered training courses in?

It will wed extra, Knowledge and extra skillp.

13. Would you recommend this course to colleagues? Yes/No Why?

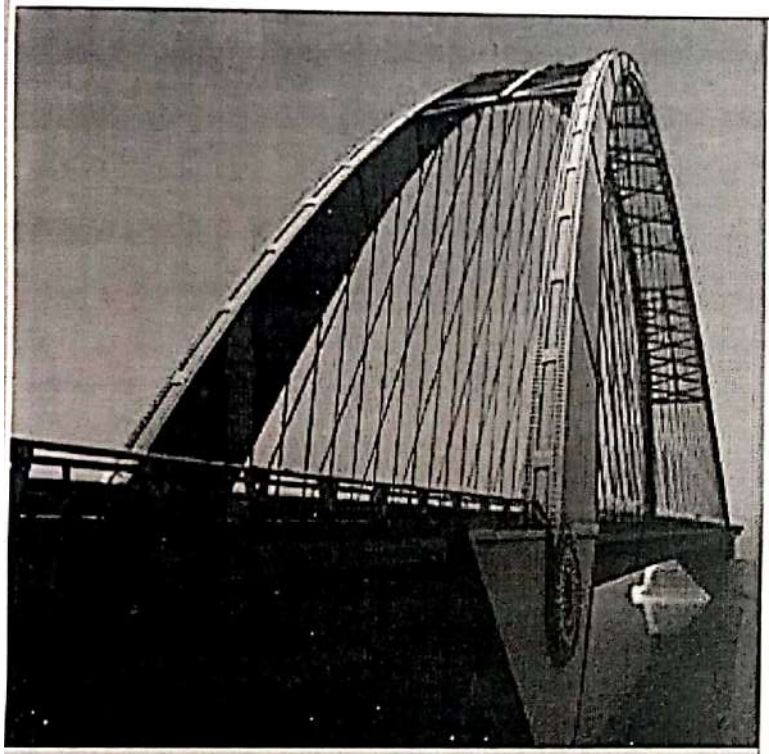
Good Information about autocad.

14. Any other comments?

Good.

THANK YOU FOR COMPLETING THIS EVALUATION FORM. FEEDBACK RECEIVED WILL BE USED TO PROVIDE IMPROVEMENTS TO FUTURE EVENTS.

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : MOHAMED FAZITH M

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139025

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

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.03.2016
DATE OF ISSUE

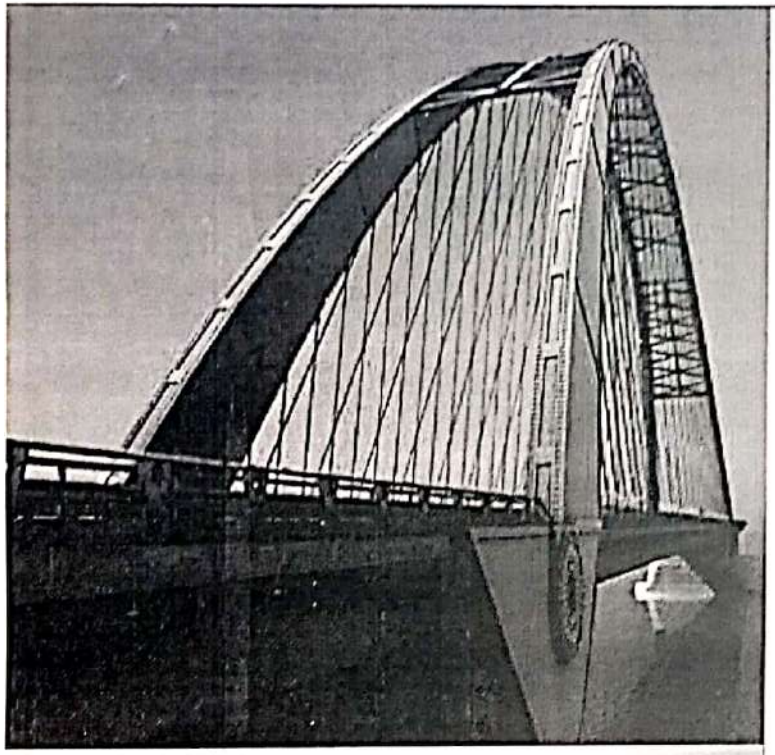
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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : MANIKANDAN S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139021

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.03.2016
DATE OF ISSUE

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JCT College of Engineering & Technology
Pollachi-642 003.

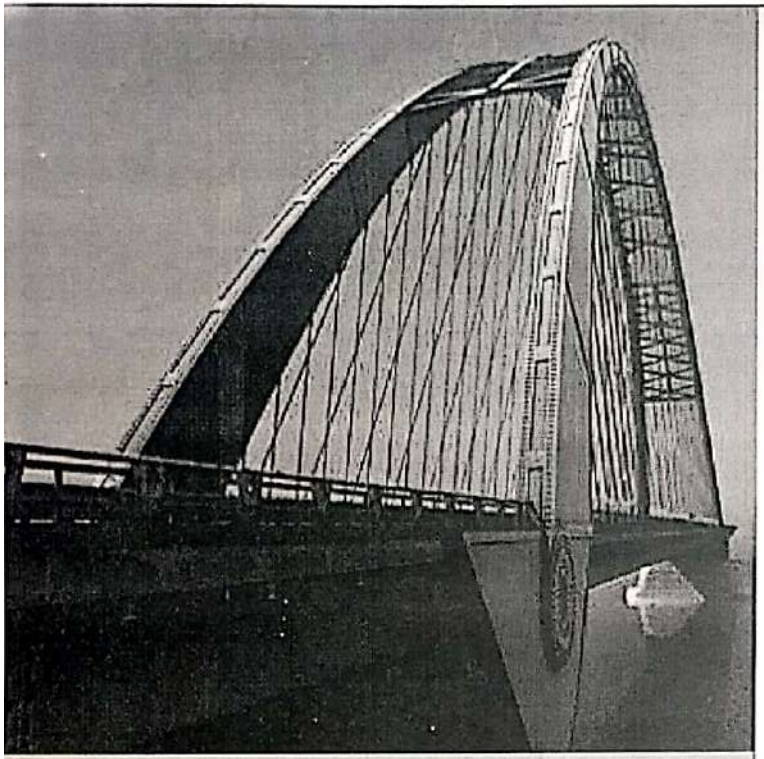
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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : MOHAMED NADEEM A

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO. : IBD160139026

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

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.03.2016
DATE OF ISSUE

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : MENAGA D

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139022

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.03.2016
DATE OF ISSUE

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

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CERTIFICATE OF COMPLETION

IN : AUTO CAD

AWARDED TO : MINAL S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: IBD160139024

MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

01.03.2016
DATE OF ISSUE

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REG No: 720912139032
NAME: Mohamed Fazil M.

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

7/20

1. When drawing in 2D, what axis do you NOT work with?
A.X B.Y C.Z D.WCS

2. The primary difference between the Model tab and the Layout tab(s) is ____.
A. the Model tab is used for drawing in 3D and a Layout is used for drawing in 2D
B.the Model tab is where you create the drawing and a Layout tab represents the sheet that you will plot or print on
C.the color of the background
D.the Model tab displays the drawing you are copying from and the Layout tab is where you lay out the new drawing

3. Which command convert discrete objects in polyline
A.Union B.Subtract C.Join D.Polyline

4. To print the entire project, you will choose to regulate what to plot
A.Display B.Extends C.Limits D.Window

5. What is the usefulness of viewports
A.Allows us to see the screen or on paper different views of the same project
B.Give us the ability to see projects have become a newer version of AutoCAD from our
C.We can make a change in one part of the plan, without affecting the rest
D.None of the above

6. What is the difference between the Scale command from the command Zoom
A.Scale for single object, while the Zoom whole plan
B.No difference
C.H Scale can grow / shrink a shape up 10 times, while the Zoom has no limits
D.H Scale changes the size of objects, while the Zoom changes the visibility of the project

7. When to fix a block attribute
A.Before you fix the block B.When I make the block C.After fix the block D.No matter the number

8. What you cannot create from the command Offset
A.Vertical straight B.Concentric circles C.Three parallel lines D.Parallel arcs

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9. By what symbol shows the snap point to the closest point
A. With circles and dots in the center B.With two triangle
C.With three orthogonal D.With Diamond

10. Which state grid is use to design perspective
A. Parametric B.Isometric C.Pro-optic D.Rectangular

11. If I want to draw a line in the direction 07:30 (local time) will give an angle
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12. When in absolute Cartesian coordinates have points A (10.8) and B (6,5), then to make a line from A -> B with relative polar coordinates will write
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16. What setting gradient allows us to fill an open area?
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17. What are the various options from left to right and the opposite direction?
A. Choose a different category of objects
B.Select objects according to their color
C.Select objects according to their position
D.No difference

18. What time (according to the clock) are 270 degrees according to the conventional time?
A.12 exactly B.6 exactly C.9 exactly D. 5 exactly

19. Which is corresponded to zoom mouse wheel?
A. Zoom in / zoom out B.pan & scan C.extents / all D.scale

20. What command allows us to select objects based on some status?
A.Properties
B.Qselect
C.Pselect
D.Attributes

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REG No: 720912139028
NAME: S. Manikandan

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

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C.Pselect
D.Attributes

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REG No: 720912B9033
NAME: MOHAMED NADEEM.A

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

18/20

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17. What are the various options from left to right and the opposite direction?
A. Choose a different category of objects
B.Select objects according to their color
C.Select objects according to their position
D.No difference

18. What time (according to the clock) are 270 degrees according to the conventional time?
A.12 exactly B.6 exactly C.9 exactly D. 5 exactly

19. Which is corresponded to zoom mouse wheel?
A. Zoom in / zoom out B.pan & scan C.extents / all D.scale

20. What command allows us to select objects based on some status?
A.Properties
B.Qselect
C.Pselect
D.Attributes

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REG No: Tcgcad19009,
NAME: Ds. Manuela

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

18/20

1. When drawing in 2D, what axis do you NOT work with?
A.X B.Y C.Z D.WCS

2. The primary difference between the Model tab and the Layout tab(s) is ____.
A. the Model tab is used for drawing in 3D and a Layout is used for drawing in 2D
B.the Model tab is where you create the drawing and a Layout tab represents the sheet that you will plot or print on
C.the color of the background
D.the Model tab displays the drawing you are copying from and the Layout tab is where you lay out the new drawing

3. Which command convert discrete objects in polyline
A.Union B.Subtract C.Join D.Polyline

4. To print the entire project, you will choose to regulate what to plot
A.Display B.Extends C.Limits D.Window

5. What is the usefulness of viewports
A.Allows us to see the screen or on paper different views of the same project
B.Give us the ability to see projects have become a newer version of AutoCAD from our
C.We can make a change in one part of the plan, without affecting the rest
D.None of the above

6. What is the difference between the Scale command from the command Zoom
A.Scale for single object, while the Zoom whole plan
B.No difference
C.H Scale can grow / shrink a shape up 10 times, while the Zoom has no limits
D.H Scale changes the size of objects, while the Zoom changes the visibility of the project

7. When to fix a block attribute
A.Before you fix the block B.When I make the block C.After fix the block D.No matter the number

8. What you cannot create from the command Offset
A.Vertical straight B.Concentric circles C.Three parallel lines D.Parallel arcs

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9. By what symbol shows the snap point to the closest point
A. With circles and dots in the center B.With two triangle
C.With three orthogonal D.With Diamond

10. Which state grid is use to design perspective
A. Parametric B.Isometric C.Pro-optic D.Rectangular

11. If I want to draw a line in the direction 07:30 (local time) will give an angle
A.135 degrees B.270 degrees C.-225 degrees D.None of the above

12. When in absolute Cartesian coordinates have points A (10.8) and B (6.5), then to make a line from A -> B with relative polar coordinates will write
A.@ -5 <36.88 B.@ 4 <30 C.@ 5 <216.88 D.@ 3 <60

13. What is the minimum allowable number of layers in a drawing
A.0 B.5 C.1 D.2

14. Which of the following is not a keyboard shortcut of AutoCAD?
A.Ctrl + P B.Alt + F4 C.Ctrl + F4 D.Alt + B

15. Why do we have 16,7 M colors in RGB
A.Because so one can distinguish man
B.since this is the limit of graphics cards
C.For each color we have 256 shades and colors combination third
D.Because we want compatibility between PC and Macintosh

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A.Properties
B.Qselect
C.Pselect
D.Attributes

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REG No: 1069135031
NAME: S. Mind

CADD TECHNOLOGIES, School of Design Private Limited
AUTO DESK, Authorized Training Centre
AUTOCAD

18/20

1. When drawing in 2D, what axis do you NOT work with?
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A. Zoom in / zoom out B.pan & scan C.extents / all D.scale

20. What command allows us to select objects based on some status?
A.Properties
B.Qselect
C.Pselect
D.Attributes

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JCT

College of Engineering and Technology

From

Head of the Department

Department of Petrochemical Engineering,

JCT College of Engineering and Technology,

Coimbatore - 641105.

To

The Principal

JCT College of Engineering and Technology,

Coimbatore - 641105.

Dear Sir,

Sub: Requesting for permission to conduct a Certification course-Reg;

We would like to bring to your kind notice that the department of Petroleum Engineering is conducting a Certification course on **"FPSO Design"**. We are bringing the industrial Experts from Meridian school of oil and gas, Chennai to take classes in our Department students during 05.10.15 to 12.10.15. I request you to give permission for the above on suitable dates.

Thanking you

Yours Sincerely,

Dr.S. Venkatesa Prabhu

30.08.2015

Principal

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JCT College of Engineering & Technology

Pichanur, Coimbatore-641105

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MERIDIAN

FACULTY MEMBER PROFILE

FOR THE TRAINING PROGRAMME CONDUCTED IN

FPSO DESIGN

PERSONAL INFORMATION:

NAME: NAVEEN R

TITLE(S)/ POSITION(S): TRAINER, ADMIN EXCECUTIVE

PRIMARY DEPARTMENT/ DIVISION: PETROLEUM OPERATIONS DEPARTMENT

DEPARTMENT CHAIR: NO

GENDER: MALE ETHNICITY: TAMIL NADU

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Pichanur, Coimbatore-641105

DEGREES AND OTHER CREDENTIALS:

DEGREES AWARDED:

BTECH : ERODE SENGUNTHAR ENGINEERING COLLEGE (CGPA 7.9)

MTECH : PM COLLEGE OF ENGINEERING, SONEPATH (CGPA 8.98)

OTHER CREDENTIALS CURRENTLY HELD OR TRAINING COMPLETED:

COMPLETED 6 MONTHS TRAINING ON OIL AND GAS EXTRACTION EQUIPMENTS AT MERIDIAN SCHOOL OF OIL AND GAS, CHENNAI

COMPLETED 3 MONTHS ONLINE COURSE ON MATLAB CONDUCTED BY STANFORD UNIVERSITY

COMPLETED 2 MONTHS COURSE FROM EMERALD GOLDEN AUTOMATION INDIA ON THE TOPIC ADVANCED DIPLOMA IN OIL&GAS PIPING

EXPERIENCE: 5 YEARS

CURRENTLY EMPLOYED AS THE TRAINING INCHARGE FOR THE OIL AND GASES COURSES AT MERIDIAN SCHOOL OF OIL AND GAS,CHENNAI.

WORKED IN COCHIN COLLEGE OF ENGINEERING IN CHEMICAL DEPARTMENT FOR 1 YEAR

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

CIRCULAR

7.09.2015

Our Department has arranged a 1week course for our **third year** students in the topic **"FPSO Design"**. We are bringing the industrial Experts from Meridian school of oil and gas, Chennai to take classes in our Department students during 05.10.15 to 12.10.15. All the students must attend these courses without fail. Contact your Class advisor for correspondence and information.

Time: 9am to 4 pm.

HOD-PE

Circulation to:

- III year PE Class Room
- **To be displayed on Notice Board.**

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JCT College of Engineering and Technology
Pichanur

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MERIDIAN

MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

TIME TABLE

Course Name: FPSO Design.

DAY	MODULES
Day 1	FPSO General Arrangement
Day 2	Data Acquisition, geophysical techniques.
Day 3	Design
Day 4	Design
Day 5	Design
Day 6	Optimisation techniques
Day 7	Optimisation techniques.

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Pichanur, Coimbatore-641103

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE - 641105

TIME TABLE FOR CERTIFICATION COURSE

DAY 1

10:00-12:30	WELCOME SPEECH
12:30-1:30	LUNCH BREAK
1:30-3:30	CLASSES
3:30-3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 2 TO DAY 6

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	CLASSES
3:30 – 3:45	TEA BREAK
3:45-4:30	CLASSES

DAY 7

10:00-11:40	CLASSES
11:40-11:55	TEA BREAK
11:55 -01:25	CLASSES
01:25-2:00	LUNCH BREAK
2:00 -3:30	ASSESSMENT EXAM
3:30 – 3:45	TEA BREAK
3:45-4:30	CLOSING FUNCTION

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Pichanur, Coimbatore

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
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DEPARTMENT OF PETROLEUM ENGINEERING

NAME LIST

Academic year 2015-2016

Name of the Academy: MERIDIAN SCHOOL OF OIL AND GAS

Name of the Program: FPSO DESIGN

no	Student name	Student name
1	ABDUL KADHER K I	720913219001
2	ABHIJITH S	720913219002
3	ADHEEP N U	720913219003
4	AIMEN K M	720913219004
5	AMAL T	720913219007
6	ANANDHU R KRISHNA	720913219008
7	ANAND VIJAY KUMAR S	720913219009
8	ANTONY VINITH S L	720913219010
9	ARUN KUMAR .A	720913219011
10	ARVIND VIMALAN	720913219012
11	GANDHIRAJAN K	720913219014
12	HABEEB RAHMAN T.P	720913219015
13	HARIHARAN R	720913219016
14	HARISHEEKAR C	720913219017
15	HEMANAGESWAR K	720913219018
16	HENDO KURIAN	720913219019
17	HRISHIKESH E.V.G	720913219020
18	JACKS JOSE	720914219502
19	JEFFIN THOMAS	720913219022
20	JEYARAGHAV R S	720913219023
21	KARTHICK S	720913219024
22	KRISHNAMOORTHI R	720913219025
23	MANICKAVASAGAN S	720913219026
24	MEHROS MOHSIN P.V	720913219027
25	MOHAMED ALI BAGATH S	720913219028
26	MOHAMMED C	720913219029

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

29	PARTHIPAN.A.P	720915219035
30	PETHU RAJ.B	720915219036
31	PREMANAND.S	720915219038
32	PRISTIN FRANCIS.T	720915219039
33	RAM KUMAR.S	720915219041
34	RAMAN.B	720915219040
35	RATHNA KUMAR.P	720915219042
36	ROHIT MARK.N	720915219043
37	SAJIN JOSE	720915219044
38	SARAN KUMAR.K.M	720915219045
39	SARATH .A	720915219046
40	SARATH VIJAYAN	720915219047
41	SATHISH KUMAR.S	720915219048
42	SHAMAS.S	720915219049
43	SHAMEER.S	720915219050
44	SHEIK AHAMED TAJUDEEN.S	720915219051
45	SHEIK MOHAMED FAZIL.M	720915219052
46	SIDHARTH M GOPI	720915219064
47	SRUTHI.V	720915219053
48	SUJITH.S	720915219054
49	SUNDARAPANDIYAN.S	720915219056
50	SURENDAR.K	720915219057
51	SURIYA.S	720915219058
52	THAJUDEEN.S	720915219059
53	VENKADASALAPATHI.V	720915219060
54	VIKRAM.V	720915219061
55	VINOTH KUMAR.T	720915219062
56	YOGESHWARAN.B	720915219063
57	LESJIN JOE MATHEW.M	720915219301
58	ANSIF MOHAMMED S.T	720917219502

PRINCIPAL
...ge of Engineering
...nur, Coimbatore

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

DEPARTMENT OF PETROLEUM ENGINEERING

ATTENDANCE SHEET FOR VALUE ADDED COURSE

Academic year 2015-2016

Name of the Academy: MERIDIAN SCHOOL OF OIL AND GAS

Name of the Program: FPSO DESIGN

no	Student name	5/10	7/10	8/10	9/10	16/10	4/10	2/10
1	ABDUL KADHER K I	/	/	/	/	/	/	/
2	ABHIJITH S	/	/	/	/	/	/	/
3	ADHEEP N U	/	/	/	/	/	/	/
4	[illegible]	/	/	/	/	/	/	/
5	AMAL T	/	/	/	/	/	/	/
6	ANANDHU R KRISHNA	/	/	/	/	/	/	/
7	ANAND VIJAY KUMAR S	/	/	/	/	/	/	/
8	ANTONY VINOTH S L	/	/	/	/	/	/	/
9	ARUN KUMAR .A	/	/	/	/	/	/	/
10	ARVIND VIMALAN	/	/	/	/	/	/	/
11	GANDHIRAJAN K	/	/	/	/	/	/	/
12	HABEEB RAHMAN T.P	/	/	/	/	/	/	/
13	HARIHARAN R	/	/	/	/	/	/	/
14	HARISHEEKAR C	/	/	/	/	/	/	/
15	HEMANAGESWAR K	/	/	/	/	/	/	/
16	HENDO KURIAN	/	/	/	/	/	/	/
17	HRISHIKESH E.V.G	/	/	/	/	/	/	/
18	JACKS JOSE	/	/	/	/	/	/	/
19	JEFFIN THOMAS	/	/	/	/	/	/	/
20	JEYARAGHAV R S	/	/	/	/	/	/	/
21	KARTHICK S	/	/	/	/	/	/	/
22	KRISHNAMOORTHI R	/	/	/	/	/	/	/
23	MANICKAVASAGAN S	/	/	/	/	/	/	/
24	MEHROS MOHSIN P.V	/	/	/	/	/	/	/
25	MOHAMED ALI BAGATH S	/	/	/	/	/	/	/
26	MOHAMMED C	/	/	/	/	/	/	/
27	MUHAMMED ANFAL E A	/	/	/	/	/	/	/

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DEPARTMENT OF PETROLEUM ENGINEERING

28	MUHAMMED FAYIS BASHEER C.M	✓	✓	✓	✓	✓	✓	✓
29	NAVNEETHRAJESHKUMAR	✓	✓	✓	✓	✓	✓	✓
30	PRADHAP T	AB	✓	✓	✓	✓	✓	✓
31	R.PRASANNA VENKATESH	✓	✓	✓	✓	✓	✓	✓
32	V RAGUL	✓	✓	✓	✓	✓	✓	✓
33	RANJITH M	✓	✓	✓	AB	✓	✓	AB
34	RAVIKUMAR T	✓	✓	✓	✓	✓	✓	✓
35	SABARINATH E	✓	✓	✓	✓	✓	✓	✓
36	SALMAN.M.ISMAIL	✓	✓	✓	✓	✓	✓	✓
37	SARATH KUMAR S	✓	✓	✓	✓	✓	✓	✓
38	SHAJIN M H	✓	✓	✓	✓	✓	✓	✓
39	SHATHYAN P	✓	AB	✓	✓	✓	✓	✓
40	SHIDEV K.D	✓	✓	✓	✓	✓	✓	✓
41	SRIKANTH S	✓	✓	✓	✓	✓	✓	✓
42	SUBIN U S	✓	✓	✓	✓	✓	✓	✓
43	SURYARAJ K	✓	✓	✓	✓	✓	✓	✓
44	VELMURUGAN S	✓	✓	✓	✓	✓	✓	✓
45	VIBHAKAR G	✓	✓	✓	✓	✓	✓	✓
46	VIGNESH A	✓	✓	✓	✓	✓	✓	✓
47	VINOD MEERAN	✓	✓	✓	✓	✓	✓	✓
48	SANKAR PANDI	✓	✓	✓	✓	✓	✓	✓
49	M. HARISH	✓	✓	✓	AB	AB	✓	✓

HOD
Department of Petroleum Engineering

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DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Abdul Kadher K.L Sex (M/F): M
Department: Petroleum E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Amal T Sex (M/F): M
Department: Petroleum E-mail ----------
Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Mohammed C ---------- Sex (M/F): M

Department: Petroleum. ---------- E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Jacks Jose Sex (M/F): M

Department: Petroleum E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Student Feedback

Name of the Student: Karthick S ----------Sex (M/F): M

Department: ---Petroleum---------- E-mail ----------

Address: ---------- mobile ..----------

Students are required to rate the courses

Name of the Trainer: ----------

[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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JCT College of Engineering & Technology
Pichanur, Coimbatore-641 105

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CERTIFICATE

MERIDIAN SCHOOL OF OIL AND GAS

Oiltech ENGINEERING

ANANDHU R KRISHNA

This is to certify that the above mentioned student of Third Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Design"

CERTIFICATE NO: MSOGPSO52015A015
PERIOD: 05.10.2015 to 12.10.2015

13.11.2015
Date

Authorised Signature

www.meridian.edu.in

PRINCIPAL

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CERTIFICATE

MERIDIAN
SCHOOL OF
OIL AND GAS

Olltech
ENGINEERING

ANAND VIJAY KUMAR S

This is to certify that the above mentioned student of Third Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Design"

CERTIFICATE NO: MSOGPSO52015A016
PERIOD: 05.10.2015 to 12.10.2015

13.11.2015
Date

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Authorised Signature

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JCT College of Engineering
Pichanur, Coimbatore

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CERTIFICATE

MERIDIAN
SCHOOL OF
OIL AND GAS

Olltech
ENGINEERING

ANTONY VINITH S L

This is to certify that the above mentioned student of Third Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Design"

CERTIFICATE NO: MSOGPSO52015A017
PERIOD: 05.10.2015 to 12.10.2015

13.11.2015
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www.meridian.edu.in

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CERTIFICATE

MERIDIAN
SCHOOL OF
OIL AND GAS

Olltech
ENGINEERING

ADHEEP N U

This is to certify that the above mentioned student of Third Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Design"

CERTIFICATE NO: MSOGPSO52015A012
PERIOD: 05.10.2015 to 12.10.2015

13.11.2015
Date

Authorised Signature

www.meridian.edu.in

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CERTIFICATE

MERIDIAN
SCHOOL OF
OIL AND GAS

Olltech
ENGINEERING

ABHIJITH S

This is to certify that the above mentioned student of Third Year Petroleum Engineering from JCT College of Engineering and Technology Coimbatore - Tamil Nadu has successfully completed the course on

"FPSO Design"

CERTIFICATE NO: MSOGPSO52015A011
PERIOD: 05.10.2015 to 12.10.2015

13.11.2015
Date

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www.meridian.edu.in

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JCT College of Engineering

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CERTIFICATE

MERIDIAN
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Oiltech
ENGINEERING

ABDUL KADHER K I

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CERTIFICATE NO: MSOGPSO52015A010
PERIOD: 05.10.2015 to 12.10.2015

13.11.2015
Date

Authorised Signature

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MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

CERTIFICATION COURSE EXAMINATION

(10)

FPSO Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.10.2015

TOTAL MARKS: 20

NAME OF STUDENT: Abdul khader. K. I

1. What thefull form ofFPSO?

2. What the full form of FSO?

3. What the full form of FDPSO?

4. Floating production, storage and offloading vessels are particularly effective in:

A. Remote or deep water locations

B. Shallow water locations

C. Dry lands

D.Forests

5. What are the functions of FPSO?

A.House processing equipment

B.Storage

C.None of the above

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D. Both of them

6. What do you mean by mooring?

A. Anchors

B. Pile

C.Caissons

D.Storing

7.TLP is an:

A.Offshore structure

B. Onshore structure

C.Both of them

D.None of these

8. Thicknessof a vessel is:

A. Thickness + corrosion allowance

B. Thickness + radiation allowance

C. Thickness+ head allowance

D.None of these

9) Which head can withstand the highest pressure?

A.Torishperical head

B.Hemispherical head

C.Elliptical head

D.None of these

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10) Knuckle radius is related to:

A.Torishperical head

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C.Elliptical head

D.None of these

11. The antifriction bearings

A. have low starting and lcw running friction at moderate speeds

B. have high initial cost

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12. A shaft coupling should

A. be easy to connect or cisconnect

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13. In the levers of first type, the mechanical advantage is _____ one.

A. less than

B. equal to

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14. The shear stress at a point in a shaft subjected to a torque is

A. directly proportional to the polar moment of inertia and to the distance of the point from the axis

B. directly proportional to the applied torque and inversely proportional to the polar moment of inertia

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C. directly proportional to the applied torque and the polar moment of inertia

D. inversely proportional to the applied torque and the polar moment of inertia

15. Oldham coupling is used to connect two shafts

A. which are perfectly aligned

B. which are not in exact alignment

C. which have lateral misalignment

D. whose axes intersect at a small angle

16. In a partial journal bearing, the angle of contact of the bearing with the journal is

A. 120°

B. 180°

C. 270°

D. 360°

17. Two concentric helical springs used to provide greater spring force are wound is opposite direction.

A. True

B. False

18. In cylindrical cams, the follower moves

A. in a direction perpendicular to the cam axis

B. in a direction parallel to the cam axis

C. in any direction irrespective of cam axis

D. along the cam axis

19. In a transverse fillet welded joint, the size of weld is _____ the throat of weld.

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A. 0.5 times

B. equal to

C. 2 times

D. double

20. When an open coiled helical compression spring is subjected to an axial compressive load, the maximum shear stress induced in the wire is (where D = Mean diameter of the spring coil, d = Diameter of the spring wire, K = Wahl's stress factor, and W = Axial compressive load on the spring)

A. $\frac{WD}{\pi d^3} \times K$

B. $\frac{2\,WD}{\pi d^3} \times K$

C. $\frac{4\,WD}{\pi d^3} \times K$

D. $\frac{8\,WD}{\pi d^3} \times K$

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CERTIFICATION COURSE EXAMINATION

(10)

FPSO Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.10.2015

TOTAL MARKS: 20

NAME OF STUDENT: Krishna Moorthy R

1. What thefull form ofFPSO?

2. What the full form of FSO?

3. What the full form of FDPSO?

4. Floating production, storage and offloading vessels are particularly effective in:

A. Remote or deep water locations

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C. Dry lands

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5. What are the functions of FPSO?

A.House processing equipment

B.Storage

C.None of the above

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D. Both of them

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Pichanur, Coimbatore-641105

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Pichanur, Coimbatore

19. In a transverse fillet welded joint, the size of weld is _____ the throat of weld.

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D. $\frac{8\,WD}{\pi d^3} \times K$

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16

CERTIFICATION COURSE EXAMINATION

FPSO Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.10.2015

TOTAL MARKS: 20

NAME OF STUDENT: Muhammed Anjal

1. What thefull form ofFPSO?

floating production storage and offloading

2. What the full form of FSO?

facility security officer.

3. What the full form of FDPSO?

floating Drilling production storage and offloading

4. Floating production, storage and offloading vessels are particularly effective in:

A. Remote or deep water locations ✓

B. Shallow water locations

C. Dry lands

D.Forests ✓

5. What are the functions of FPSO?

A.House processing equipment

B.Storage ✓

C.None of the above ✓

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D. Both of them

6. What do you mean by mooring?

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C.Elliptical head

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C.Elliptical head

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PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641 015

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PRINCIPAL
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Coimbatore-641105

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CERTIFICATION COURSE EXAMINATION

(10)

FPSO Design

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.10.2015

TOTAL MARKS: 20

NAME OF STUDENT: Jeyaraghav R.S

1. What thefull form ofFPSO?

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3. What the full form of FDPSO?

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A.House processing equipment

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PRINCIPAL
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Pichanur, Coimbatore-641105

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Pichanur, Coimbatore

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B. $\frac{2WD}{\pi d^3} \times K$

C. $\frac{4WD}{\pi d^3} \times K$

D. $\frac{6WD}{\pi d^3} \times K$

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MERIDIAN SCHOOL OF OIL AND GAS PVT. LTD.

CERTIFICATION COURSE EXAMINATION

FPSO Design

(8)

CONDUCTED BY: Meridian School Of Oil And Gas

TOTAL TIME: 120 MINUTES

DATE: 12.10.2015

TOTAL MARKS: 20

NAME OF STUDENT: Mohammed.C

1. What thefull form ofFPSO?

Floating production storage and offloading

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Pichanur, Coimbat...

5. What are the functions of FPSO?

A.House processing equipment

B.Storage ✓

C None of the above

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Pichanur, Coimbatore-641105

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PRINCIPAL
JCT College of Engineering
Pichanur, Coimbatore

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PRINCIPAL
JCT College of Engineering
Pichanur, Coimbatore

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Pichanur, Coimbatore

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

TÜV AUSTRIA

DEPARTMENT OF PETROLEUM ENGINEERING

Academic year 2015-2016

Name of the Academy: MERIDIAN SCHOOL OF OIL AND GAS

Name of the Program: FPSO DESIGN

MARKS OBTAINED

	NAME	MARKS OBTAINED OUT OF 100
	ABDUL KADHER K I	50
	ABHIJITH S	60
	ADHEEP N U	40
	AIMEN K M	80
	AMAL T	90
	ANANDHU R KRISHNA	100
	ANAND VIJAY KUMAR S	70
	ANTONY VINITH S L	80
	ARUN KUMAR .A	10
	ARVIND VIMALAN	50
	GANDHIRAJAN K	60
	HABEEB RAHMAN T.P	40
	HARIHARAN R	50
	HARISHEEKAR C	60
	HEMANAGESWAR K	40
	HENDO KURIAN	50
	HRISHIKESH E.V.G	60
	JACKS JOSE	80
	JEFFIN THOMAS	90
	JEYARAGHAV R S	70
	KARTHICK S	50
	KRISHNAMOORTHI R	60
	MANICKAVASAGAN S	30
	MEHROS MOHSIN P.V	40
	MOHAMED ALI BAGATH S	50
	MOHAMMED C	60
	MUHAMMED ANFAL E A	80

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Pichanur, Coimbatore-641105

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COIMBATORE 641 105

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DEPARTMENT OF PETROLEUM ENGINEERING

	MUHAMMED FAYIS BASHEER C.M	90
	NAVNEETHRAJESHKUMAR	50
	PRADHAP T	60
	R.PRASANNA VENKATESH	40
	V RAGUL	70
	RANJITH M	80
	RAVIKUMAR T	90
	SABARINATH E	60
	SALMAN.M.ISMAIL	40
	SARATH KUMAR S	100
	SHAJIN M.H	100

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Pichanur, Coimbatore-641105

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Pichanur, Coimbatore – 641 105

Department of Automobile Engineering

TÜV AUSTRIA

Report of Certification Programme – FPSO Design

The Department of Petroleum Engineering organized a certification course on FPSO Design, from 05.10.2015 to 12.10.2015. The resource person for this program was **Mr.** Naveen.R , Senior Trainer, Meridian School of Oil and Gas, Chennai. The program started with the prayer song. The welcome address was given by Mr.Venkatesa Prabhu, Head of the Department, Department of Petroleum Engineering. The Felicitation address was given by Dr.G Ramesh, Principal of JCT College of Engineering and Technology, Coimbatore. The Introduction about the Chief Guest was given by Mr. Hariharan A, 4th year Petroleum Engineering. The chief guest first gave an introduction on offshore structures. He then explained about the drilling procedure and problems encountered

He said about the designing of FPSO. He talked about the job opportunities related to oil fields.

The atmosphere of the Vocational Educational Program was very interesting. We learned a lot from the 1 week Program and were satisfied with the answers from the trainer. Mr Hariharan R, 4th year Petroleum Engineering concluded with a vote of thanks.

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Pichanur, Coimbatore-641105

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DEPARTMENT OF FOOD TECHNOLOGY

CERTIFICATE COURSE	RESOURCE PERSON	DATE OF REQUEST	EVENT DATE	TOTAL NO. OF PARTICIPANTS REGISTERED	NUMBER OF STUDENTS ATTENDED	NUMBER OF STUDENTS QUALIFIED
2015-16						
ADVANCES IN AGRI PRODUCE DRYING	**Mr. Krishnaswamy** Sakthi Soyas Pvt Ltd., Pollachi	18/12/2016	19/12/2016 – 22/12/2016	50	30	30

HoD/FT

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PICHANUR, COIMBATORE-641105

Department of Food Technology

18.12.2016

From

Mrs. J. Esther Hellan Prasanna

Association Coordinator,

Department of Food Technology,

JCT College of Engineering and Technology,

Coimbatore.

To

The Principal,

JCT College of Engineering and Technology,

Coimbatore.

Through

The Head of the Department/FT,

Respected Sir,

*Subject: Requisition for your kind approval to conduct a course on "**ADVANCES IN AGRI PRODUCE DRYING**" at our campus-Reg.*

The Food Technology Department has planned to conduct a course on *"**ADVANCES IN AGRI PRODUCE DRYING**"* for the IV FT Students. The details about the program are given for your perusal and approval.

S.NO.	Name of the Event	Faculty Name	Organized by	Date
1	Certificate course	Mr. Krishnaswamy Sakthi Soyas Pvt Ltd., Pollachi	Department of FT	19/12/2016 – 22/12/2016

Thanking you

Note: The content of this course is not a part of regular curriculum.

J. Esther
Association Co-ordinator

S. B.
HoD

Principal

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Pichanur, Coimbatore – 641 105

15/12/2016

CIRCULAR

DEPARTMENT OF FOOD TECHNOLOGY

It is proposed to conduct a course (FTCC02- ADVANCES IN AGRI PRODUCE DRYING) **on 19/12/2016 to 22/12/2016 for Final year Food Technology Students**. This is used to provide a great ideas and their scenario of the concept of drying agricultural products. So the interested students are advised to register their name to the course coordinator. The certificate will be issued to the candidates after the Assessment.

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SAKTHI SOYAS is part of well known SAKTHI GROUP - a popular name in Southern India that has multifarious business activities including Sugar, SG Iron foundry, Industrial Alcohol, Textiles, Transport, Finance, Dairy, Coffee Estates and Soyaprocessing.

The Tamil Nadu Industrial Development Corporation (TIDCO) and Sakthi Sugars Ltd. Chairman Mr.Krisnaswamy jointly formed SakthiSoyas Limited in 1986. Based on their effort, Soybean Processing Complex was set up in 1989 at Marchinaickenpalayam, Ambarampalayam Post - Pollachi, Tamilnadu, which later was merged with Sakthi Sugars Ltd. as it's 'Soya Division'. This is the only soybean processing plant in Southern India which intergrates the world's best technologies to process soybean and produces value added products. The manufacturing facilities are constructed on 70 acres of land comprising The Seed Preparation Plant (Buhler Brothers, Switzerland), Solvent Extraction Plant facilitated with Flash Desolventizer (Extechnik, Germany), Oil Refinery (Westfalia and Extechnik, Germany and Ama Filters, Holland), Flour Milling Plant and Texturized Soya Protein Plant.

The Soya products manufactured by Sakthi Soyas have wide applications in confectionery, baking, pharmaceuticals and downstream products such as protein isolate, protein concentrates, etc. Alongside having a good reputation for product quality, the products are being exported to many countries. The Texturised Soy products under the brand name "Soya Sakthi", is the first product of its kind to have the license to use the ISI quality mark from the Bureau of Indian Standards. "Soya Sakthi" is a widely acclaimed food nourisher among the south Indian populace.

SakthiSoyas is also engaged in crop developmental work like soybean variety trials, seed multiplication and seed based agronomy, entomology and plant pathology experiments. The Biometric observations are made with statistical analysis. We have a modern seed processing unit to supply high quality Soya Seeds for sowing purposes.

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Coimbatore – 641 105

DEPARTMENT OF FOOD TECHNOLOGY
TIMETABLE FOR CERTIFICATE COURSE
Academic Year : 2015-16

NAME OF THE PROGRAM : Advances in agri produce drying

RESOURCE PERSON : **Mr. Krishnaswamy,** Sakthi Soyas Pvt Ltd., Pollachi

Period/Time	Year / Sem	I	II		III	IV
19.12.2016	IV/VII	INAUGURATION			Food production and accessibility	
20.12.2016	IV/VII	subsistence foraging, horticulture, agriculture and pastoralization		LUNCH BREAK	importance of food in understanding human culture - variability, diversity, from basic ingredients to food preparation; impact of customs and traditions on food habit	
21.12.2016	IV/VII	heterogeneity within cultures (social groups) and specific social contexts - festive occasions, specific religious festivals, mourning etc. Kosher, Halal foods			foods for religious and other fasts	
22.12.2016	IV/VII	ASSESMENT & REPORT			VALEDICTORY FUNCTION	

Association Co-ordinator

HoD

Principal

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Pichanur, Coimbatore - 641105

DEPARTMENT OF FOOD TECHNOLOGY

COURSE	COURSE NAME	TOTAL HOURS
FTCC02	ADVANCES IN AGRI PRODUCE DRYING	30

Course Objectives:

1) To enable the students to understand the concept of drying
2) To educate the students to understand the principles of advances in agri produce drying
3) To know well about the Global Energy scenario

Course Outcome:

- Students will be able to understand the different methods used to minimize the energy cost and their scenario

Detailed Syllabus	Hours
Food production and accessibility - subsistence foraging, horticulture, agriculture and pastoralization, origin of agriculture, earliest crops grown. Food as source of physical sustenance, food as religious and cultural symbols; importance of food in understanding human culture - variability, diversity, from basic ingredients to food preparation; impact of customs and traditions on food habits, heterogeneity within cultures (social groups) and specific social contexts - festive occasions, specific religious festivals, mourning etc. Kosher, Halal foods; foods for religious and other fasts.	30

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Food Technology

REPORT ON ADVANCES IN AGRI PRODUCE DRYING

The Department of Food Technology organized a certificate educational Career Program on ***ADVANCES IN AGRI PRODUCE DRYING,*** from 19/12/2016 – 22/12/2016. The resource person for this program was **Mr. Krishnaswamy, Sakthi Soyas Pvt Ltd., Pollachi.** The program started with the prayer song. The welcome address was given by Mrs. J. Esther Hellan Prasanna, Assistant Professor, Department of Food Technology. The Felicitation address was given by Dr.G Ramesh, Principal of JCT College of Engineering and Technology, Coimbatore. The Introduction about the Chief Guest was given by Ms. Anusuya.S, 2nd year Food Technology. 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 the ancient times.

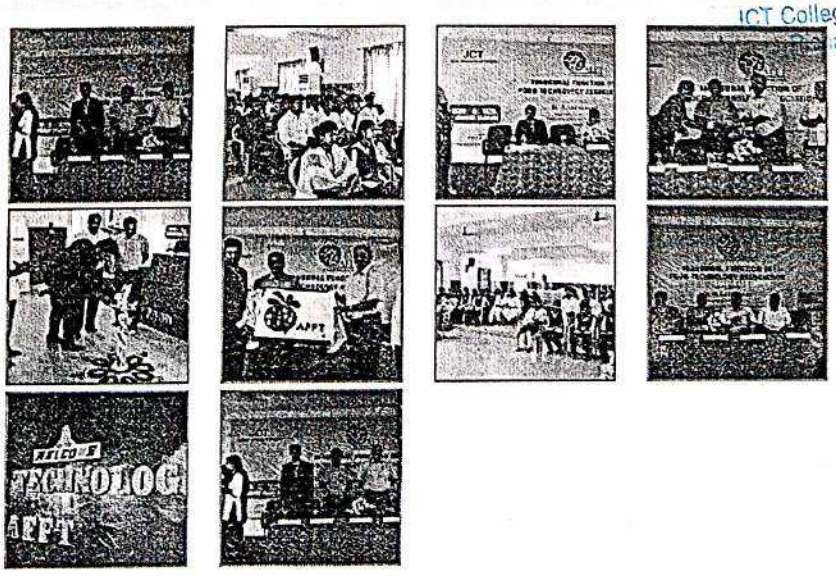
He explained the methods of analysis of foods and food products to identify and estimate its chemical components, its compliance to standards, and detection of adulterants in foods.

The students learn the analytical methods of estimation of protein, total fats, and fiber in various food samples. They perform experiments using UV Visible -Spectrophotometer, Thin layer chromatography, column chromatography and distillation setup.The atmosphere of the certificate educational Career Program was quite free. We learned a lot from the 4 days Program and were satisfied with the answers from the speaker. Ms.Smrithy, third year Food Technology concluded with a vote of thanks.

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CERTIFICATE EDUCATIONAL CAREER PROGRAM ON ADVANCES IN AGRI PRODUCE DRYING

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF FOOD TECHNOLOGY
STUDENTS ENROLLED FOR CERTIFICATE COURSE

ADVANCES IN AGRI PRODUCE DRYING

S.NO.	REG NO.	NAME OF THE STUDENT
1.	720914218001	ABHIJITH T R
2.	720914218003	ANAGHA SUNIL
3.	720914218004	ANAMIKA VIJAYAN
4.	720914218005	ANJANA K A
5.	720914218006	ANUSUYA S
6.	720914218007	ARUNACHALAM S
7.	720914218008	ARUNIMA T G
8.	720914218009	ASWANTH V S
9.	720914218012	GOKUL RAJH N
10.	720914218013	HIJAZ M K
11.	720914218017	KARTHIKEYAN S
12.	720914218018	KAVIYARASAN M
13.	720914218020	MOHAMED ASIF S
14.	720914218022	MOHAMMED FARIS A
15.	720914218023	MOHAMMED SHABEEB P
16.	720914218024	MUKILAN T
17.	720914218026	PRAVEEN KUMAR S
18.	720914218027	RAJESWARI U V
19.	720914218028	RAMEES ALI K T
20.	720914218029	RAMESH JITHU T
21.	720914218030	SARANYA M
22.	720914218032	SMRITHY G
23.	720914218033	SOWMIYA A
24.	720914218034	SRINATH K
25.	720914218035	SRUTHI P SURESH
26.	720914218036	SUDHARSAN R

27.	720914218037	SUDHERSAN B
28.	720914218038	VIGNESHWARAN C
29.	720914218039	VISHNU S M
30.	720914218040	VYSHNAVI C NAIR
31.	720915218003	APARNA.S
32.	720915218004	ARAVINDH KARTHICKEYAN
33.	720915218005	ASHOK KUMAR.D
34.	720915218007	DEVAMOORTHI.S
35.	720915218008	DIVYA PRIYA.S
36.	720915218009	ELDHOSE K.S
37.	720915218012	KISHORE KUMAR.B
38.	720915218013	KRIPA ANNA BABY
39.	720915218014	KRISHNAKUMAR A.M
40.	720915218016	MADHAN RAJ.R
41.	720915218017	MANO.P
42.	720915218018	MEGHANA SHAJI
43.	720915218019	MOHAMMED IFSANULLAH SHERIFF.S
44.	720915218021	MORAJI DHINESH.R
45.	720915218024	MUTHAIYAN.S
46.	720915218025	NABEEL.P
47.	720915218026	NANDHINI.K
48.	720915218027	NISHANT SAGAR.P
49.	720915218028	POONGODI.M
50.	720915218029	PRAGADHEESWARAN.B

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DEPARTMENT OF FOOD TECHNOLOGY

TÜV AUSTRIA

STUDENTS ATTENDANCE FOR CERTIFICATE COURSE

ADVANCES IN AGRI PRODUCE DRYING

Academic year 2015-16

Name of the Trainer: Mr. Krishnaswamy

S.NO.	REG NO.	NAME OF THE STUDENT	19.12.2016	20.12.2016	21.12.2016	22.12.2016
1.	720914218001	ABHIJITH T R	/	/	/	/
2.	720914218003	ANAGHA SUNIL	/	/	/	/
3.	720914218004	ANAMIKA VIJAYAN	/	/	/	/
4.	720914218005	ANJANA K A	/	/	/	/
5.	720914218006	ANUSUYA S	/	/	/	/
6.	720914218007	ARUNACHALAM S	/	/	/	/
7.	720914218008	ARUNIMA T G	/	/	/	/
8.	720914218009	ASWANTH V S	/	/	/	/
9.	720914218012	GOKUL RAJH N	/	/	/	/
10.	720914218013	HIJAZ M K	/	/	/	/
11.	720914218017	KARTHIKEYAN S	/	/	/	/
12.	720914218018	KAVIYARASAN M	/	/	/	/
13.	720914218020	MOHAMED ASIF S	/	/	/	/
14.	720914218022	MOHAMMED FARIS A	/	/	/	/
15.	720914218023	MOHAMMED SHABEEB P	/	/	/	/
16.	720914218024	MUKILAN T	/	/	/	/
17.	720914218026	PRAVEEN KUMAR S	/	/	/	/

18.	720914218027	RAJESWARI U V	/	/	/	/
19.	720914218028	RAMEES ALI K T	/	/	/	/
20.	720914218029	RAMESH JITHU T	/	/	/	/
21.	720914218030	SARANYA M	/	/	/	/
22.	720914218032	SMRITHY G	/	/	/	/
23.	720914218033	SOWMIYA A	/	/	/	/
24.	720914218034	SRINATH K	/	/	/	/
25.	720914218035	SRUTHI P SURESH	/	/	/	/
26.	720914218036	SUDHARSAN R	/	/	/	/
27.	720914218037	SUDHERSAN B	/	/	/	/
28.	720914218038	VIGNESHWARAN C	/	/	/	/
29.	720914218039	VISHNU S M	/	/	/	/
30.	720914218040	VYSHNAVI C NAIR	/	/	/	/

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Sakthi Sugars Limited

Student Assesment Form

Name of the Student: S. Anusuya	Year/Sem: IV/VII
Reg. No. 7209142180006	Department: Food Technology

1-Which is the precursor of Ethylene?

(A) Tryptophan
(B) Methionine
(C) ABA
(D) IAA

2-For curing, sweet potatoes are kept for 10 days at:

(A) 25 °C and 85% RH
(B) 40°C and 70% RH
(C) 80°C and 30% RH
(D) 30 °C and 80% RH

3-For longer storage of cucumber fruits, the temperature should be:

(A) 5°C
(B) 10°C
(C) 20°C
(D) 25°C

4-The Limiting Amino acid in green vegetables is:

(A) Arginine
(B) Lysine
(C) Methionine
(D) Tryptophan

5-Which bean is used for extraction of gum?

(A) Broad bean
(B) Cluster bean
(C) French bean
(D) Hyacinth bean

6- Which of the following is non-Climacteric type of fruit?

(A) Pineapple
(B) Litchi
(C) Grape
(D) All of these

8-Mold inhibitor used in bread is:

(A) Calcium carbonate
(B) Sodium chloride
(C) Sodium / Calcium propionate
(D) None of these

9-Bitterness in colocasia is due to:

(A) Calcium carbonate
(B) Calcium chloride
(C) Potassium oxalate
(D) Calcium oxalate

10-Frozen storage is generally operated at temperature of:

(A) -0°C
(B) -18°C
(C) -50°C
(D) -60°C

11-In high temperature short time method of pasteurization, milk is heated at temperature:

(A) 72°C for 15 seconds
(B) 62°C for 15 seconds
(C) 72° C for 30 minutes
(D) 62° C for 30 minutes

12-Butylated Hydroxyanisole (BHA) is:

(A) Chelating agent
(B) Antioxidant
(C) Stablizer
(D) Emulsion

13-Pineapple variety suitable for canning is:

(A) Queen
(B) Kew
(C) Mauritius
(D) Cayenne

14-Richest source of Riboflavin is:

(A) Papaya
(B) Mango
(C) Bael
(D) Karonda

15.Which of the following is a performance parameter for the food industry?

a) Hygiene
b) Labour Used
c) Hygiene & Labour Used
d) None of the mentioned

14

Sakthi Sugars Limited

Student Assesment Form

Name of the Student: SUDHERSAN. B	**Year/Sem:** IV / VII
Reg. No. 7209192180[illegible]7	**Department:** FT

1-Which is the precursor of Ethylene?

(A) Tryptophan
(B) Methionine
(C) ABA
(D) IAA

2-For curing, sweet potatoes are kept for 10 days at:

(A) 25 °C and 85% RH
(B) 40°C and 70% RH
(C) 80°C and 30% RH
(D) 30 °C and 80% RH

3-For longer storage of cucumber fruits, the temperature should be:

(A) 5°C
(B) 10°C
(C) 20°C
(D) 25°C

4-The Limiting Amino acid in green vegetables is:

(A) Arginine
(B) Lysine
(C) Methionine
(D) Tryptophan

5-Which bean is used for extraction of gum?

(A) Broad bean
(B) Cluster bean
(C) French bean
(D) Hyacinth bean

6- Which of the following is non-Climacteric type of fruit?

(A) Pineapple
(B) Litchi
(C) Grape
(D) All of these

8-Mold inhibitor used in bread is:

(A) Calcium carbonate
(B) Sodium chloride
(C) Sodium / Calcium propionate
(D) None of these

9-Bitterness in colocasia is due to:

(A) Calcium carbonate
(B) Calcium chloride
(C) Potassium oxalate
(D) Calcium oxalate

10-Frozen storage is generally operated at temperature of:

(A) -0°C
(B) -18°C
(C) -50°C
(D) -60°C

11-In high temperature short time method of pasteurization, milk is heated at temperature:

(A) 72°C for 15 seconds
(B) 62°C for 15 seconds
(C) 72° C for 30 minutes
(D) 62° C for 30 minutes

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(B) Antioxidant
(C) Stablizer
(D) Emulsion

13-Pineapple variety suitable for canning is:

(A) Queen
(B) Kew
(C) Mauritius
(D) Cayenne

14-Richest source of Riboflavin is:

(A) Papaya
(B) Mango
(C) Bael
(D) Karonda

15.Which of the following is a performance parameter for the food industry?

a) Hygiene
b) Labour Used
c) Hygiene & Labour Used
d) None of the mentioned

12

Sakthi Sugars Limited

Student Assesment Form

Name of the Student: ANJANA.K.A	**Year/Sem:** IV / VII
Reg. No. 720914218005	**Department:** FOOD TECH

1-Which is the precursor of Ethylene?

(A) Tryptophan
(B) Methionine
(C) ABA
(D) IAA

2-For curing, sweet potatoes are kept for 10 days at:

(A) 25 °C and 85% RH
(B) 40°C and 70% RH
(C) 80°C and 30% RH
(D) 30 °C and 80% RH

3-For longer storage of cucumber fruits, the temperature should be:

(A) 5°C
(B) 10°C
(C) 20°C
(D) 25°C

4-The Limiting Amino acid in green vegetables is:

(A) Arginine
(B) Lysine
(C) Methionine
(D) Tryptophan

5-Which bean is used for extraction of gum?

(A) Broad bean
(B) Cluster bean
(C) French bean
(D) Hyacinth bean

6- Which of the following is non-Climacteric type of fruit?

(A) Pineapple
(B) Litchi
(C) Grape
(D) All of these

8-Mold inhibitor used in bread is:

(A) Calcium carbonate
(B) Sodium chloride
(C) Sodium / Calcium propionate
(D) None of these

9-Bitterness in colocasia is due to:

(A) Calcium carbonate
(B) Calcium chloride
(C) Potassium oxalate
(D) Calcium oxalate

10-Frozen storage is generally operated at temperature of:

(A) -0°C
(B) -18°C
(C) -50°C
(D) -60°C

11-In high temperature short time method of pasteurization, milk is heated at temperature:

(A) 72°C for 15 seconds
(B) 62°C for 15 seconds
(C) 72° C for 30 minutes
(D) 62° C for 30 minutes

12-Butylated Hydroxyanisole (BHA) is:

(A) Chelating agent
(B) Antioxidant
(C) Stablizer
(D) Emulsion

13-Pineapple variety suitable for canning is:

(A) Queen
(B) Kew
(C) Mauritius
(D) Cayenne

14-Richest source of Riboflavin is:

(A) Papaya
(B) Mango
(C) Bael
(D) Karonda

15.Which of the following is a performance parameter for the food industry?

a) Hygiene
b) Labour Used
c) Hygiene & Labour Used
d) None of the mentioned

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Sakthi Sugars Limited

Student Assesment Form

Name of the Student: Arunachalam	Year/Sem: IV / VII
Reg. No. 720914418007	Department: Food Technology

1-Which is the precursor of Ethylene?

(A) Tryptophan
(B) Methionine
(C) ABA
(D) IAA

2-For curing, sweet potatoes are kept for 10 days at:

(A) 25 °C and 85% RH
(B) 40°C and 70% RH
(C) 80°C and 30% RH
(D) 30 °C and 80% RH

3-For longer storage of cucumber fruits, the temperature should be:

(A) 5°C
(B) 10°C
(C) 20°C
(D) 25°C

4-The Limiting Amino acid in green vegetables is:

(A) Arginine
(B) Lysine
(C) Methionine
(D) Tryptophan

5-Which bean is used for extraction of gum?

(A) Broad bean
(B) Cluster bean
(C) French bean
(D) Hyacinth bean

6- Which of the following is non-Climacteric type of fruit?

(A) Pineapple
(B) Litchi
(C) Grape
(D) All of these

8-Mold inhibitor used in bread is:

(A) Calcium carbonate
(B) Sodium chloride
(C) Sodium / Calcium propionate
(D) None of these

9-Bitterness in colocasia is due to:

(A) Calcium carbonate
(B) Calcium chloride
(C) Potassium oxalate
(D) Calcium oxalate

10-Frozen storage is generally operated at temperature of:

(A) -0°C
(B) -18°C
(C) -50°C
(D) -60°C

11-In high temperature short time method of pasteurization, milk is heated at temperature:

(A) 72°C for 15 seconds
(B) 62°C for 15 seconds
(C) 72° C for 30 minutes
(D) 62° C for 30 minutes

12-Butylated Hydroxyanisole (BHA) is:

(A) Chelating agent
(B) Antioxidant
(C) Stablizer
(D) Emulsion

13-Pineapple variety suitable for canning is:

(A) Queen
(B) Kew
(C) Mauritius
(D) Cayenne

14-Richest source of Riboflavin is:

(A) Papaya
(B) Mango
(C) Bael
(D) Karonda

15.Which of the following is a performance parameter for the food industry?

a) Hygiene
b) Labour Used
c) Hygiene & Labour Used
d) None of the mentioned



Sakthi Sugars Limited

Student Assesment Form

Name of the Student: Kaviyarasan. S	Year/Sem: IV / VII
Reg. No. 720914218017	Department: Food Tech

1-Which is the precursor of Ethylene?

(A) Tryptophan
(B) Methionine
(C) ABA
(D) IAA

2-For curing, sweet potatoes are kept for 10 days at:

(A) 25 °C and 85% RH
(B) 40°C and 70% RH
(C) 80°C and 30% RH
(D) 30 °C and 80% RH

3-For longer storage of cucumber fruits, the temperature should be:

(A) 5°C
(B) 10°C
(C) 20°C
(D) 25°C

4-The Limiting Amino acid in green vegetables is:

(A) Arginine
(B) Lysine
(C) Methionine
(D) Tryptophan

5-Which bean is used for extraction of gum?

(A) Broad bean
(B) Cluster bean
(C) French bean
(D) Hyacinth bean

6- Which of the following is non-Climacteric type of fruit?

(A) Pineapple
(B) Litchi
(C) Grape
(D) All of these

8-Mold inhibitor used in bread is:

(A) Calcium carbonate
(B) Sodium chloride
(C) Sodium / Calcium propionate
(D) None of these

9-Bitterness in colocasia is due to:

(A) Calcium carbonate
(B) Calcium chloride
(C) Potassium oxalate
(D) Calcium oxalate

10-Frozen storage is **generally operated at temperature of:**

(A) -0°C
(C) -50°C
(B) -18°C
(D) -60°C

11-In high temperature **short time method of pasteurization, milk is heated at temperature:**

(A) 72°C for 15 seconds
(C) 72° C for 30 minutes
(B) 62°C for 15 seconds
(D) 62° C for 30 minutes

12-Butylated Hydroxyanisole (BHA) is:

(A) Chelating agent
(C) Stablizer
(B) Antioxidant
(D) Emulsion

13-Pineapple variety suitable for canning is:

(A) Queen
(C) Mauritius
(B) Kew
(D) Cayenne

14-Richest source of Riboflavin is:

(A) Papaya
(C) Bael
(B) Mango
(D) Karonda

15.Which of the following is a performance parameter for the food industry?

a) Hygiene
c) Hygiene & Labour Used
b) Labour Used
d) None of the mentioned

10

JCT College of Engineering and Technology

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF FOOD TECHNOLOGY

TÜV AUSTRIA CERTIFIED

STUDENTS MARKSHEET

Name of the Trainer: Mr. Krishnaswamy

The following students have attended the certification program on "ADVANCES IN AGRI PRODUCE DRYING" and the certificate issued based on the marks awarded in the assessment.

S.NO.	REG NO.	NAME OF THE STUDENT	MARKS AWARDED
1.	720914218001	ABHIJITH T R	12
2.	720914218003	ANAGHA SUNIL	13
3.	720914218004	ANAMIKA VIJAYAN	14
4.	720914218005	ANJANA K A	12
5.	720914218006	ANUSUYA S	14
6.	720914218007	ARUNACHALAM S	11
7.	720914218008	ARUNIMA T G	12
8.	720914218009	ASWANTH V S	10
9.	720914218012	GOKUL RAJH N	12
10.	720914218013	HIJAZ M K	10
11.	720914218017	KARTHIKEYAN S	14
12.	720914218018	KAVIYARASAN M	10
13.	720914218020	MOHAMED ASIF S	13
14.	720914218022	MOHAMMED FARIS A	13
15.	720914218023	MOHAMMED SHABEEB P	14
16.	720914218024	MUKILAN T	12

17.	720914218026	PRAVEEN KUMAR S	12
18.	720914218027	RAJESWARI U V	12
19.	720914218028	RAMEES ALI K T	10
20.	720914218029	RAMESH JITHU T	13
21.	720914218030	SARANYA M	12
22.	720914218032	SMRITHY G	14
23.	720914218033	SOWMIYA A	12
24.	720914218034	SRINATH K	12
25.	720914218035	SRUTHI P SURESH	12
26.	720914218036	SUDHARSAN R	11
27.	720914218037	SUDHERSAN B	13
28.	720914218038	VIGNESHWARAN C	14
29.	720914218039	VISHNU S M	14
30.	720914218040	VYSHNAVI C NAIR	13

TRAINER

HOD/FT

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JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

Sakthi Sugars Limited

CERTIFICATE OF COMPLETION

This is to certify that

ANJANA K A

has successfully completed the Educational Course during 19/12/2016 to 22/12/2016 on topic ***"ADVANCES IN AGRI PRODUCE DRYING"*** at JCT College of Engineering and Technology, Coimbatore

PRINCIPAL
Engineering & Technology
Coimbatore-641105

Operations Head & Consultant

(Mr. Krishnaswamy)

Sakthi Sugars Limited

CERTIFICATE OF COMPLETION

This is to certify that

ANUSUYA S

has successfully completed the Educational Course during 19/12/2016 to 22/12/2016 on topic ***"ADVANCES IN AGRI PRODUCE DRYING"*** at JCT College of Engineering and Technology, Coimbatore

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JCT Co... ...chnology
Pichanur, Coimbatore

Operations Head & Consultant

(Mr. Krishnaswamy)

Sakthi Sugars Limited

CERTIFICATE OF COMPLETION

This is to certify that

SUDHERSAN B

has successfully completed the Educational Course during 19/12/2016 to 22/12/2016 on topic

"ADVANCES IN AGRI PRODUCE DRYING" at JCT College of Engineering and Technology, Coimbatore

JCT College ... & Technology
Pichanur, Coimbatore-641105

Operations Head & Consultant

(Mr. Krishnaswamy)

Sakthi Sugars Limited

CERTIFICATE OF COMPLETION

This is to certify that

KAVIYARASAN M

has successfully completed the Educational Course during 19/12/2016 to 22/12/2016 on topic ***"ADVANCES IN AGRI PRODUCE DRYING"*** at JCT College of Engineering and Technology, Coimbatore

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JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

Operations Head & Consultant

(Mr. Krishnaswamy)

Sakthi Sugars Limited

CERTIFICATE OF COMPLETION

This is to certify that

ARUNACHALAM S

has successfully completed the Educational Course during 19/12/2016 to 22/12/2016 on topic ***"ADVANCES IN AGRI PRODUCE DRYING"*** at JCT College of Engineering and Technology, Coimbatore

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Pichanur, Coimbatore-641105

Operations Head & Consultant

(Mr. Krishnaswamy)

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Food Technology

Student Feedback

Name of the Student: VISHNU S.M Sex (M/F): M

Department: Food Technology E-mail Vishnu.sm44@gmail.com

Address: Lalitha Apts, Vannigan st, Kancheepuram - 621104 mobile 9004217311

Students are required to rate the courses

Name of the Trainer: Mr. Krishnaswamy

[Tick (✓) in the relevant cell]

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

Signature

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Food Technology

Student Feedback

Name of the Student: Hijaz. M.K Sex (M/F): M

Department: Food Technology E-mail hijazmk11421@gmail.com

Address: NO:21, VJ Nagar, Thrissur, Kerala-679102 mobile 9446218152

Students are required to rate the courses

Name of the Trainer: Mr. Krishnaswamy

[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	✓			

Signature

1. Curricular Aspects (100)
1.1 Curriculum planning and implementation (20)
1.1.2 Number of certificate/diploma program introduced during last five years (5)

2014-2015

Sl.No	Name of the Certificate/ diploma introduced in last 5 years	Introduced in Curriculum and year	Offered for students of Program	Signature of HoD
1	AUTO CADD	2014-2015	CIVIL ENGINEERING	
2	STADD PRO			
3	PHP & MYSQL	2014-2015	COMPUTER SCIENCE AND ENGINEERING	
		2014-2015	ELECTRONICS AND COMMUNICATION ENGINEERING	
4	SHEET METAL 3D DESIGN AND DETAILING	2014-2015	MECHANICAL ENGINEERING	

Principal

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JCT College of Engineering and Technology

Cbe -105
03.06.2014

To Whomsoever it may concern

We have planned to conduct the following Certificate courses in this academic year 2014-15 for various branches of our institution. **Herewith we are declaring that the below claimed certificate program is not in the main regular curriculum.**

Department	Name of the Certificate
CIVIL ENGINEERING	AUTO CADD
CIVIL ENGINEERING	STADD PRO
Computer Science and Engineering Electronics and Communication Engineering	PHP & MYSQL
MECHANICAL ENGINEERING	SHEET METAL 3D DESIGN AND DETAILING

Principal

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 10/12/2014

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. These courses are conducted by CADD Technologies from 14/12/2014 to 26/12/2014.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

HoD/Civil

10/12/14

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

TIMETABLE FOR TRAINING PROGRAMME ON AUTO CAD

10/12/2014

S.No	Date	Time	Topic	Name of the Staff
1	14.12.2014	9.30 AM to 12.30 PM	AutoCAD CAD History, Drawing Templates, Standards Based Design	Prof. A. Kumar & Mr.Varunkumar
		1.30 PM to 4.00 PM	Object Property & Layer Management	Mr.Dileep
2	15.12.2014	9.30 AM to 12.30 PM	Drawing Geometry	Mr.Michael
		1.30 PM to 4.00 PM	Tools for Creating Key Geometry	Mr.Sadhasivam & Mr.Varunkumar
3	16.12.2014	9.30 AM to 12.30 PM	Tools for Manipulating Geometry	Mr.Dileep
		1.30 PM to 4.30 PM	Dimensioning and Annotating Drawings	
4	17.12.2014	9.30 AM to 12.30 PM	Setting Up a Layout	Mr.Michael & Mr.Sadhasivam
		1.30 PM to 4.30 PM	File Management	
5	18.12.2014	9.30 AM to 12.30 PM	Plotting & Printing	Mr.Varunkumar, Mr.Michael
		1.30 PM to 4.30 PM		
6	19.12.2014	9.30 AM to 12.30 PM	The AutoCAD Civil 3D Interface	Mr.Dileep & Mr.Sadhasivam
		1.30 PM to 4.30 PM		
7	21.12.2014	9.30 AM to 12.30 PM	Various Panels Drafting	Mr.Dileep, Mr.Varunkumar,
		1.30 PM to 4.00 PM		

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DEPARTMENT OF CIVIL ENGINEERING

TÜV AUSTRIA

TRAINING COURSE- STADD PRO& AUTO CADD

RESOURCE PERSON PROFILE

Name : Mr.Michael

Qualification : B.E., Civil Engineering

Total Experience : 4.5 years

Company Name : CADD Technologies

Location : Coimbatore

Skills Developed :

- ✓ Positive attitude and hardworking
- ✓ Communication and multi tasking skills.
- ✓ Self-motivation,
- ✓ Disciplined and methodical approach to problem solving.

STRENGTHS :

- ✓ Self confidence
- ✓ Problem solving skills
- ✓ Good communication skills

JCT **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

Year / Sem : III/ V

S.NO	REG.NO	NAME
1	720913103001	ABDUL AFEED T K
2	720913103002	ABDUL NAUFAL P B
3	720913103003	ABDUL NAZAR P K
4	720913103004	AJAY C P
5	720913103005	AMAL M P
6	720913103006	ANAS MOHAMED P V
7	720913103007	ANEES PRADEEPA A
8	720913103008	ANJANA K
9	720913103009	ARJUNAN N
10	720913103010	ARUL PRAKASH R
11	720913103011	ARUN A
12	720913103012	ARUN K
13	720913103013	ARUN RAJ K
14	720913103014	ASHIQ P T
15	720913103015	ASNA H
16	720913103016	AZHARUDHEEN K
17	720913103017	BALAKRISHNAN N
18	720913103019	DEEPAK VISWAMBARAN
19	720913103020	GOKUL K
20	720913103021	GUNABALA G
21	720913103022	HARIPRIYA N
22	720913103024	JASINIYA P
23	720913103025	JEYON GEORGE
24	720913103026	JISHNU P
25	720913103027	JITHIN P
26	720913103028	KARTHICK R
27	720913103029	KATHIRAVAN R
28	720913103030	KEERTHI S
29	720913103031	MANU R
30	720913103032	MITHUN C
31	720913103033	MOHAMED ASLAM
32	720913103034	MOHAMMED SANOOP M
33	720913103035	MOHAMMED SHAMEEM K
34	720913103036	MOHAN KUMAR C
35	720913103037	MUHAMMED SAALIM K
36	720913103038	MUNEESWARAN M
37	720913103039	MUTHUPANDI P
38	720913103040	MUTHURAJ M
39	720913103041	PAVITHRAA T
40	720913103042	PERINBASAGARAN S
41	720913103043	PREEJITH C P
42	720913103044	PREETHA G
43	720913103045	PRIYA R

44	720913103046	RAJESH KANNA M
45	720913103047	RANJITH E
46	720913103048	RAVINA V
47	720913103049	REVANTH M
48	720913103050	SANGESH J
49	720913103051	SARAVANAN S
50	720913103052	SETHUMAHARAJAN M
51	720913103053	SHANTY E S
52	720913103054	SREE RANJINI S
53	720913103055	SUBIN ABRAHAM
54	720913103056	SURESH KUMAR A
55	720913103057	VADIVEL C
56	720913103058	VARUN PRASAD A K
57	720913103059	VENGADESAN V
58	720913103301	HARITHA K.B
59	720913103302	KALAISELVAN A
60	720913103303	KRISHNA PRASAD K.P
61	720913103304	MIDHUN C
62	720913103306	SENTHUR PANDI J
63	720913103307	SHIBINA.M.K
64	720913103308	VIGNESHWARAN.V
66	720913103702	SAHALA.C

HOD/CIVIL

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

AUTO CAD TRAINING PROGRAMME

STUDENTS ATTENDANCE SHEET

S.No.	Reg. No.	Name of the Student	17/06	18/06	19/06	20/06	21/6	24/6	25/6	26/6
1.	720913103004	AJAY C P	/	/	/	/	/	/	/	/
2.	720913103005	AMAL M P	/	/	/	/	/	/	/	/
3.	720913103006	ANAS MOHAMED P V	a	/	/	/	/	/	/	/
4.	720913103007	ANEES PRADEEPA A	/	/	/	/	/	a	a	/
5.	720913103008	ANJANA K	/	/	/	/	/	/	/	/
6.	720913103009	ARJUNAN N	/	/	/	/	/	/	/	a
7.	720913103010	ARUL PRAKASH R	/	a	/	/	/	a	a	/
8.	720913103011	ARUN A	/	/	/	/	/	/	/	/
9.	720913103012	ARUN K	/	/	/	/	/	/	/	/
10.	720913103014	ASHIQ P T	/	a	a	/	/	/	/	/
11.	720913103017	BALAKRISHNAN N	/	/	/	a	a	/	a	/
12.	720913103019	DEEPAK VISWAMBARAN	a	/	/	/	/	/	a	/
13.	720913103020	GOKUL K	/	/	/	/	/	/	/	/
14.	720913103021	GUNABALA G	a	/	a	/	/	/	/	/
15.	720913103022	HARIPRIYA N	/	/	/	/	/	/	/	/
16.	720913103024	JASINIYA P	/	/	/	a	/	/	/	a
17.	720913103027	JITHIN P	/	/	/	/	/	/	/	/
18.	720913103028	KARTHICK R	/	/	/	/	/	/	/	/
19.	720913103029	KATHIRAVAN R	/	/	/	/	/	/	a	/
20.	720913103030	KEERTHI S	/	/	/	/	/	/	/	/
21.	720913103032	MITHUN C	a	/	/	/	/	a	/	/
22.	720913103037	MUHAMMED SAALIM K	a	/	/	/	/	/	/	/
23.	720913103038	MUNEESWARAN M	/	/	a	/	/	/	/	/
24.	720913103039	MUTHUPANDI P	/	/	/	/	/	/	/	/
25.	720913103040	MUTHURAJ M	/	/	/	/	a	/	/	/
26.	720913103041	PAVITHRAA T	/	a	/	/	/	/	/	a
27.	720913103043	PREEJITH C P	/	/	/	/	/	/	/	
28.	720913103044	PREETHA G	/	/	/	/	/	/	a	/
29.	720913103045	PRIYA R	/	/	/	/	/	/	/	/
30.	720913103048	RAVINA V	/	/	/	a	/	/	/	/
31.	720913103049	REVANTH M	/	/	/	/	/	/	/	/
32.	720913103050	SANGESH J	/	/	/	/	/	/	a	/
33.	720913103051	SARAVANAN S	/	/	/	/	/	/	a	/
34.	720913103052	SETHUMAHARAJAN M	a	/	/	/	/	/	a	/
35.	720913103053	SHANTY E S	/	/	/	/	/	/	/	/
36.	720913103054	SREE RANJINI S	/	/	/	/	/	a	/	a
37.	720913103057	VADIVEL C	/	/	a	/	/	/	/	/
38.	720913103058	VARUN PRASAD A K	/	/	/	/	/	/	/	/
39.	720913103301	HARITHA K.B	/	/	/	/	/	/	/	/
40.	720913103302	KALAISELVAN A	/	/	/	/	a	/	/	/
41.	720913103303	KRISHNA PRASAD K.P	/	a	/	/	/	/	/	/
42.	720913103306	SENTHUR PANDI J	/	/	/	/	/	a	/	/
43.	720913103307	SHIBINA.M.K	/	/	/	/	/	/	a	a

Faculty In-charge

HoD

CADD TECHNOLOGIES
SCHOOL OF DESIGN PRIVATE LIMITED
CAD / CAM / CAE Solution Provider

AUTODESK Authorized Training Centre Authorized Certification Centre
PTC university Authorized Training Centre

Block No. 5 & 6 - G3, Ground Floor, Sumeru Puthur City, Maa Vaishnavoo Devi Nagar, Puthur, Chennai - 600073.
27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

AutoCAD for Civil Engineers

(Duration: 45 Hrs)

Course Curriculum

AutoCAD 2D

Chapter 1: Getting started

- About Autodesk &
- AutoCAD CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

Chapter 2: Object Property & Layer Management

- Managing Layers
  - Configure Object Property Settings
  - Automatic Management of Layers
  - Layer Functions and Display

Chapter 3: Drawing Geometry

- Drawing Creation Workflows and
- Organization Structuring Data in Drawings
- Reusing and Editing Structured Data

Chapter 4: Tools for Creating Key Geometry

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers,
- Contours Power Snaps
- Centerlines
- Construction Lines
- Designing with Lines
- Adding Standard Feature Data for Holes and Slots

Chapter 5: Tools for Manipulating Geometry

- Editing Tools
  - Power Commands
  - Associative Hide

Chapter 6: Creating Drawing Sheets

- Model Space Views in Layouts

Creating Drawing Sheets in Model
Space Annotation
Title Blocks and Drawing Borders

Chapter 7: Dimensioning and Annotating Drawings
Annotation and Annotation
Symbols Creating Dimensions
Editing Dimensions

Chapter 8: Setting Up a Layout
Printing Concepts
Working in Layouts
Creating Layouts
Guidelines for Layouts

Chapter 9: File Management
Import & Export
DWG Files
IGES Files
Project Documentation

Chapter 10: Plotting & Printing
Printing Layouts
Print & Plot Settings
Projects Printing / Plotting

AutoCAD 3D
Chapter 1: The AutoCAD Civil 3D Interface
AutoCAD Civil 3D GUI
AutoCAD Civil 3D
Toolspace AutoCAD Civil
3D Panorama Workshops

Chapter 2: Project Management
AutoCAD Civil 3D
Projects Sharing Data
Using Data Shortcuts for Project Management

Chapter 3: Parcels
Lines and curves
Introduction to Parcels
Creating and Editing Parcels
Parcel Reports, Labels, Tables

Chapter 4: Survey
Survey Workflow
Overview Survey Figures
Points
Importing Survey
Data Point Groups

Chapter 5: Surfaces

Surface Processes
Surface Properties
Contour Data
Other Surface Data
Breaklines and Boundaries
Surface Labels
Surface Volume Calculations
Surface Analysis Display

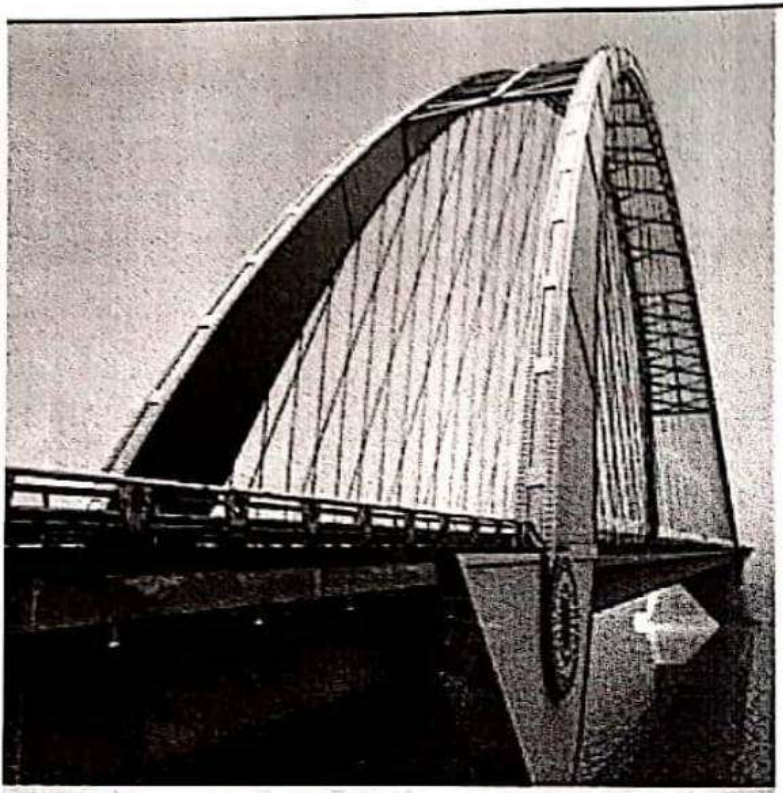
Chapter 6: Alignments
Introduction to Alignments
Alignment Properties
Labels and Tables

Chapter 7: Profiles
Create a Profile View Style
Create Profiles from Surface
Create Profile Wizard
Create and Edit Profiles

Chapter 8: Corridors
Assembly Overview
Modifying Assemblies
Creating Corridor and it's
properties Corridor Surfaces
Visualization

Chapter 9: Grading, Pipe Networks
Feature Lines
Grading Tools
Modifying Grading
Pipe Configuration
Creating Networks
Editing Piping Networks
Annotating Pipe Networks

Chapter 10: Plan Production
Plan Production Tools
Plan Production Objects
Creating Sheets
Sheet Sets



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- ELECTRICAL
- CIVIL

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Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : **Auto CAD**

AWARDED TO : **AJAY C P**

AT : **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DURING : **45 Hours** STUDENT ID NO.: **BAE1501035978**

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

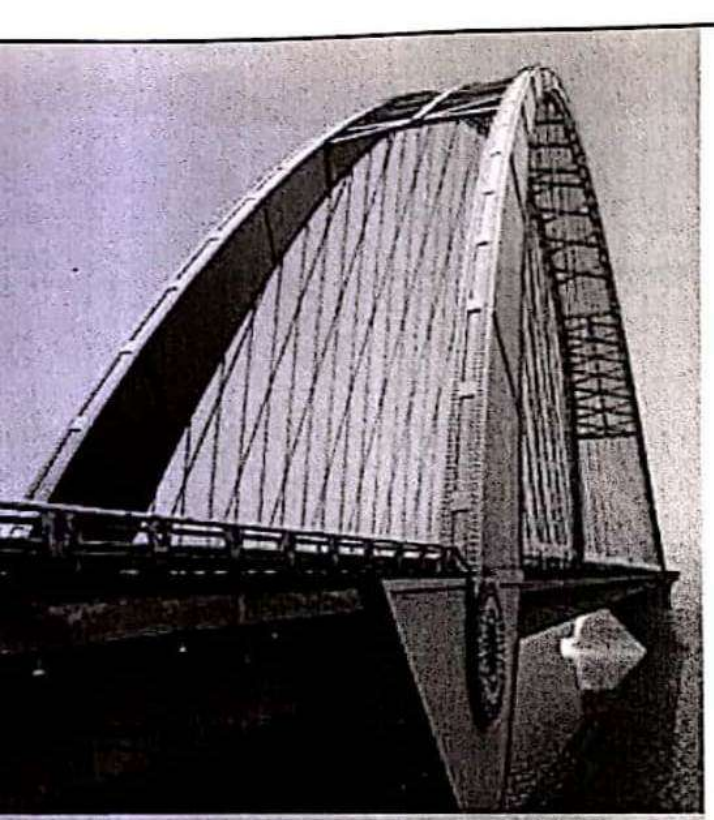
13th March 2015
DATE OF ISSUE

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

CADD CENTRE
Driving Digital Designs!

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porate Office : 8th Floor, GEE GEE Crystal, Office No. 8C & 8D,
1, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004, India.
Toll Free No: 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

IN : Auto CAD

AWARDED TO : AMAL M P

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: BAE1501035979

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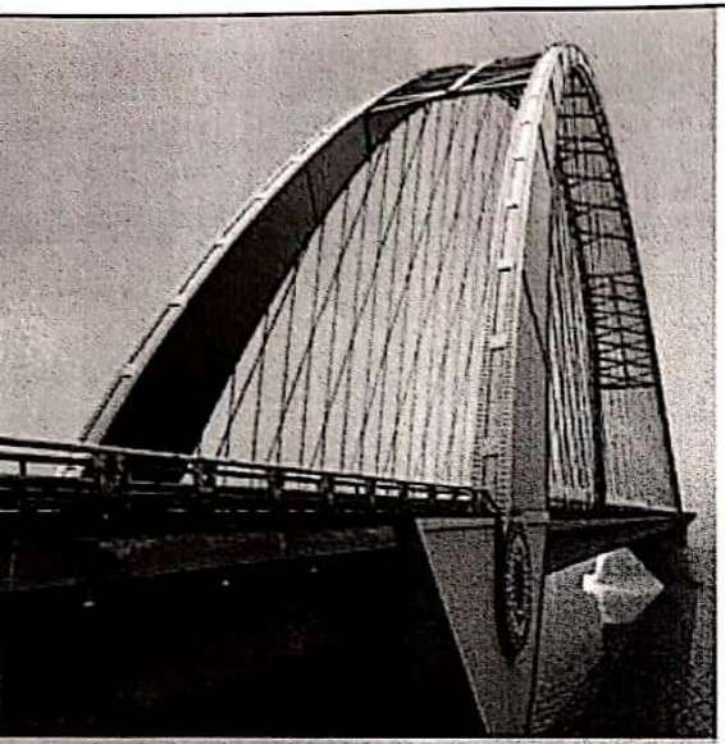
MANAGING DIRECTOR	VARUNKUMAR M	13th March 2015
	CENTRE HEAD	DATE OF ISSUE

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IN : **Auto CAD**

AWARDED TO : **ANAS MOHAMMED P V**

AT : **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DURING : **45 Hours** STUDENT ID NO.: **BAE1501035980**

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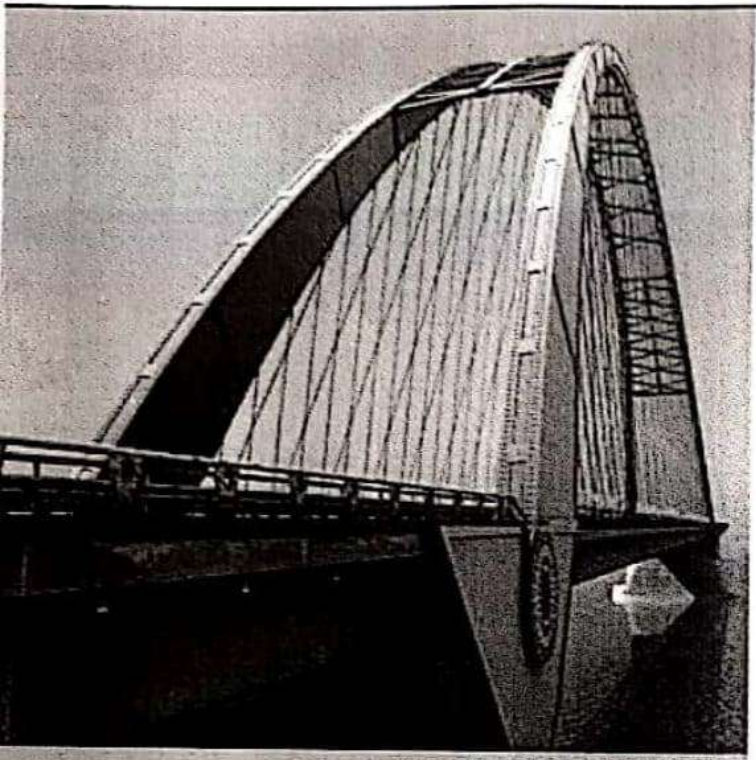
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CERTIFICATE OF COMPLETION

IN : **Auto CAD**

AWARDED TO : **ANEES PRADEEPA A**

AT : **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**

DURING : **45 Hours** STUDENT ID NO.: **BAE1501035981**

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VARUNKUMAR M
CENTRE HEAD

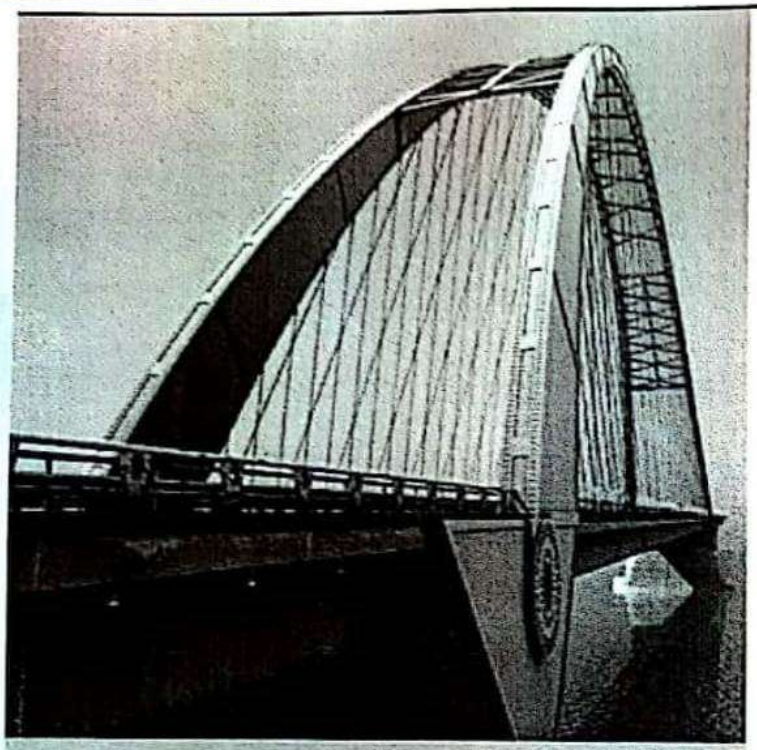
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IN : Auto CAD

AWARDED TO : ANJANA K

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 Hours STUDENT ID NO.: BAE1501035982

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MANAGING DIRECTOR

VARUNKUMAR M
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTOCADD - OBJECTIVE TYPE QUESTIONS

1. How to make a random line with an angle of 40 degrees to the x axis

A.will write 0 <40

B.will write 2 <40

C.will write 3<40

D.will write 4 <40

2. Which of the following file extensions cannot open the AutoCAD

A.dwg

B.dxf

C.dot

D.dws

3. A surveyor with a headband to measure the dimensions of a site, he make measurements by

A.No one method

B.Related Cartesian coordinates

C.Absolute polar coordinates

D.None of the above

4. What is the command used for Plagiostomi angle?

A.Chamfer

B.Fillet

C.Offset

D.Mirror

5. When should I use the Block Editor

A.To write text block

B.To fix outer block

C.To fix dynamic block

D.To store it in another version of AutoCAD

6. If the scheme that stores will be opened in AutoCAD 2006 then you must save it in

A.AutoCAD 2004 dwg

B.AutoCAD 2006 dwg

C.AutoCAD 2007 dwg

D.None of the above

7. Print scale 1:50 means that

A.The draft is 50 times less expensive than the original

B.A 3 cm corresponds to half a meter

C.A measure corresponds to 50 cm

D.None of the above

8. What do the letters UCS

A.Uniform Calculator System

B.United CAD System

C.Universal CAD Settings

D.Universal Coordinate System

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9. What is the difference of two regular 8-gonon, which is one inscribed and another circumscribed circle

A.No difference

B.different opening angles

C.different side length

D.different crowd sides

10. If during the CCW measurement result gives an angle 135 degrees, the same CW angle measured is

A.225 degrees

B.-135 degrees

C.-225 degrees

D.135 degrees

11. What does associative hatch

A.Monitors the changes in shape that fills

B.Relates to the other hatch plan

C.Both of the above

D.None of the above

12. What is the difference between command Plot and Print

A.plot command prints only big plans

B.The plot command for CNC (CAM)

C.No difference

D.print command can print up to A3 size paper

13. If you change the scale list a project that I have started from 1:50 1:10 then

A.You will have to start over

B.You should not raise the objects already exist (scale) by 5

C.You will not need to change anything in hitherto methodology

D.should be converted into new items that will add based on the new scale

14. Which of the following is NOT a unit of length measurement?

A.Yards

B.Parsecs

C.Microns

D.Grads

15. What does the command W block

A.Warp-speed block

B.Write block

C.Window block

D.Wide-area block

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FEEDBACK FORM

This *Training Evaluation Feedback Form* is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

1. **How did you attend this training?** *(check all that apply)*
   - [ ] As an instructor/facilitator
   - [ ] As a trainee in a group setting
   - [x] As a Web-based training in a group setting
   - [ ] As a self-paced Web-based training
   - [ ] Other *(describe)*:

2. **Was this training?**
   - [x] Required
   - [ ] Optional

3. **Based on the training course description, how did your learning experience compare to what you expected when you began the training.** *(check only one)*
   - [ ] Learned much more than I expected.
   - [ ] Learned somewhat more than I expected.
   - [x] Learned as much as I expected.
   - [ ] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
   - [ ] Learned nothing new.

4. **Please rate how well this training program met your expectations in the following areas:**

	One of the Worst	Below Average	Average	Above Average	One of The Best
Course content				✓	
Course materials			✓		
Presentation style				✓	
Joint exercise content			✓		
Open discussions					
Availability of support materials			✓		
Other: *(describe)*:			✓		

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [ ] Definitely
   - [x] Probably
   - [ ] Not certain
   - [ ] Probably not
   - [ ] Definitely not

6. **Comments:**

(Name & Signature)

FEEDBACK FORM

This *Training Evaluation Feedback Form* is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

1. **How did you attend this training?** *(check all that apply)*
   - [ ] As an instructor/facilitator
   - [x] As a trainee in a group setting
   - [ ] As a Web-based training in a group setting
   - [ ] As a self-paced Web-based training
   - [ ] Other *(describe)*:

2. **Was this training?**
   - [x] Required
   - [ ] Optional

3. **Based on the training course description, how did your learning experience compare to what you expected when you began the training.** *(check only one)*
   - [ ] Learned much more than I expected.
   - [ ] Learned somewhat more than I expected.
   - [x] Learned as much as I expected.
   - [ ] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
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4. **Please rate how well this training program met your expectations in the following areas:**

	One of the Worst	Below Average	Average	Above Average	One of The Best
Course content			✓		
Course materials			✓		
Presentation style			✓		
Joint exercise content				✓	
Open discussions			✓		
Availability of support materials				✓	
Other: *(describe)*:			✓		

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [ ] Definitely
   - [x] Probably
   - [ ] Not certain
   - [ ] Probably not
   - [ ] Definitely not

6. **Comments:**



(Name & Signature)

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

DEPARTMENT OF CIVIL ENGINEERING

Date: 10/12/2014

Submitted to the Principal

Respected Sir,

Subject: Permission to conduct certificate courses for IInd & IIIrd year Civil Engineering students – Reg.

We are planning to organize the certificate courses on Auto CAD and STADD Pro for IInd & IIIrd year students respectively. These courses are conducted by CADD Technologies from 14/12/2014 to 26/12/2014.

Hence I request you to kindly grant permission to conduct the above value added course.

Thanking You

Yours Truly

HoD/Civil

10/12/14

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Coimbatore.Pichanur,.641105

DEPARTMENT OF CIVIL ENGINEERING

TIMETABLE FOR TRAINING PROGRAMME ON STAAD PRO

10/12/2014

S.No	Date	Time	Topic	Name of the Staff
1	14.12.2014	9.30 AM to 12.30 PM	Introduction to structural engineering & STAAD.Pro	Mr.Michael
		1.30 PM to 4.30 PM	Getting familiar with STAAD window Model generation	Mr.Michael
2	15.12.2014	9.30 AM to 12.30 PM	Introduction to Snap Node/Beam Editor	Mr.Saravanan
		1.30 PM to 4.30 PM	Introduction to Model generation using Translational Repeat	Mr.Saravanan
3	16.12.2014	9.30 AM to 12.30 PM	Assigning Properties Assigning Supports	Mr.Saravanan
		1.30 PM to 4.30 PM	Assigning Loads Structure Analysis	Mr.Saravanan
4	17.12.2014	9.30 AM to 12.30 PM	Simply Supported Beam	Mr.Michael
		1.30 PM to 4.30 PM	Analysis of Framed Structure Applying Floor Loads	
5	18.12.2014	9.30 AM to 12.30 PM	Wind Analysis Seismic Analysis	Mr.Michael
		1.30 PM to 4.30 PM	Creating Load Combinations	
6	19.12.2014	9.30 AM to 12.30 PM	Dynamic Analysis Response Spectrum Analysis	Mr.Saravanan, Mr.Michael
		1.30 PM to 4.30 PM		
7	21.12.2014	9.30 AM to 12.30 PM	Column & Beam Design	Mr.Saravanan, Mr.Michael
		1.30 PM to 4.30 PM	Reinforced Concrete Design	

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Pichanur, Coimbatore-641105

DEPARTMENT OF CIVIL ENGINEERING

TRAINING COURSE- STADD PRO & AUTO CADD

RESOURCE PERSON PROFILE

Name : Mr. Saravanan

Qualification : B.E., (Mechanical), MBA.,

Total Experience : 4 years

Company Name : CADD Technologies

Location : Coimbatore

Skills Developed :

- ✓ Positive attitude and hardworking
- ✓ Communication and multi tasking skills.
- ✓ Self-motivation,
- ✓ Disciplined and methodical approach to problem solving.

STRENGTHS :

- ✓ Self confidence
- ✓ Problem solving skills
- ✓ Good communication skills

14-15

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DEPARTMENT OF CIVIL ENGINEERING

Year / Sem : III/ V

S.NO	REG.NO	STUDENT NAME
1	720912103001	Abdul Rahman.S
2	720912103003	Ajishad.V.p
3	720912103004	Ajmal Palattu Tharayil Bavu
4	720912103005	Akhila.B
5	720912103006	Andrews Naveen Rexton.J
6	720912103007	Arjun Menon.M
7	720912103008	Arun.T
8	720912103009	Ashok Raja.B
9	720912103010	Asish K.S
10	720912103011	Barani Balan.P
11	720912103012	Dhanasekar.S
12	720912103014	Fasil babu V.p
13	720912103015	Hasheeb.H
14	720912103016	Hyder.S
15	720912103017	Jeezar.R
16	720912103018	Jishnu R.M
17	720912103019	Karthikeyan.E
18	720912103020	Maneesh.P.K
19	720912103021	Manjunath.V
20	720912103022	Mohammed Azarudeen.A
21	720912103023	Mohana Priya.M
22	720912103024	Nagaarjun.M
23	720912103025	Nandhini.S
24	720912103026	Navaneeth.T.N
25	720912103027	Pibitto.V
26	720912103028	Prabhu.R
27	720912103029	Rajakumaran.M
28	720912103030	Ramanathan.R
29	720912103033	Rathish Rangaraj.G
30	720912103034	Risikesh.R
31	720912103035	Sajith
32	720912103036	Sakthi.S
33	720912103037	Saravanan.A
35	720912103038	Senthivel.M
36	720912103039	Shins.T
37	720912103040	Sivamurugan.M
38	720912103042	Sulekha.Y
39	720912103043	Suresh.A
40	720912103044	Suthakar.T

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41	720912103045	Tharun Kumar.M
42	720912103046	Vignesh .M
43	720912103047	Vignesh.P
44	720912103048	Vignesh.V
45	720912103301	Amal Varghese.
46	720912103302	Ashok Kumar.M
47	720912103304	Fawazn.N
48	720912103305	Hameem.M
49	720912103306	Kamal Raj.R
50	720912103308	Mohammed Arzal.
51	720912103309	Mohammed Rasid.N
52	720912103310	Mohammed Shafeeq.Up
53	720912103311	Mohammed Sanoj.T.K
54	720912103312	Ranjith.R
55	720912103313	Shiyad.C.K
56	720912103314	Vishnu Sankar
57	720912103315	Mohammed Safeer .P.K

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

STADD - Pro TRAINING PROGRAMME

STUDENTS ATTENDANCE SHEET

S.No.	Reg. No.	Name of the Student	17/6	18/6	19/6	20/6	21/6	24/6	25/6	26/6
1.	720912103001	Abdul Rahman.S	/	/	/	/	/	/	/	/
2.	720912103003	Ajishad.V.P	/	/	/	/	/	/	/	/
3.	720912103004	Ajmal Palattu Tharayil Bavu	/	/	a	/	/	/	/	/
4.	720912103005	Akhila.B	/	/	/	/	/	/	a	a
5.	720912103006	Andrews Naveen Rexton.J	a	/	/	/	/	/	/	/
6.	720912103007	Arjun Menon.M	/	/	/	/	/	/	/	/
7.	720912103008	Arun.T	/	/	/	/	/	/	/	/
8.	720912103009	Ashok Raja.B	/	/	/	/	a	/	/	/
9.	720912103011	Barani Balan.P	/	/	/	/	/	/	/	/
10.	720912103012	Dhanasekar.S	a	/	/	/	/	/	/	/
11.	720912103014	Fasil babu V.P	/	/	/	/	/	/	/	/
12.	720912103015	Hasheeb.H	/	/	/	/	/	/	/	/
13.	720912103018	Jishnu R.M	/	/	/	/	/	a	a	a
14.	720912103019	Karthikeyan.E	/	/	/	/	/	/	/	/
15.	720912103020	Maneesh.P.K	/	/	/	/	/	/	/	/
16.	720912103021	Manjunath.V	/	/	/	/	/	/	/	/
17.	720912103023	Mohana Priya.M	/	/	/	/	/	/	/	/
18.	720912103024	Nagaarjun.M	/	/	/	/	/	/	/	/
19.	720912103025	Nandhini.S	/	a	/	/	/	/	/	/
20.	720912103026	Navaneeth.T.N	/	/	/	/	/	/	/	/
21.	720912103028	Prabhu.R	/	/	/	a	/	/	/	/
22.	720912103029	Rajakumaran.M	/	/	/	/	/	/	/	/
23.	720912103030	Ramanathan.R	/	/	/	/	/	/	/	/
24.	720912103033	Rathish Rangaraj.G	/	/	/	/	/	a	a	/
25.	720912103035	Sajith	/	/	/	/	/	/	/	/
26.	720912103036	Sakthi.S	/	/	/	/	/	/	/	/
27.	720912103037	Saravanan.A	a	/	/	/	/	/	/	/
28.	720912103038	Senthivel.M	/	/	/	/	/	/	/	a
29.	720912103039	Shins.T	/	/	/	/	/	/	/	/
30.	720912103040	Sivamurugan.M	/	/	a	/	/	/	/	/
31.	720912103043	Suresh.A	/	/	/	/	/	/	/	/
32.	720912103044	Suthakar.T	/	/	/	/	/	/	/	/
33.	720912103045	Tharun Kumar.M	/	/	/	/	/	/	/	/
34.	720912103046	Vignesh .M	/	/	a	/	/	/	/	a
35.	720912103048	Vignesh.V	/	/	/	/	/	/	/	/
36.	720912103302	Ashok Kumar.M	/	/	/	/	/	/	/	/
37.	720912103305	Hameem.M	/	/	/	/	/	/	a	/
38.	720912103306	Kamal Raj.R	/	/	a	/	/	/	/	/
39.	720912103311	Mohammed Sanoj.T.K	/	/	/	/	/	/	/	/
40.	720912103312	Ranjith.R	/	/	/	/	/	a	a	/
41.	720912103314	Vishnu Sankar	/	/	/	/	/	/	/	/

Faculty In-charge

HoD

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PTC University Authorized Training Centre

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27/2, Rajaji Road, Ram Nagar, Gandhipuram, Coimbatore - 641 009. Tamilnadu. www.caddtechnologies.co.in

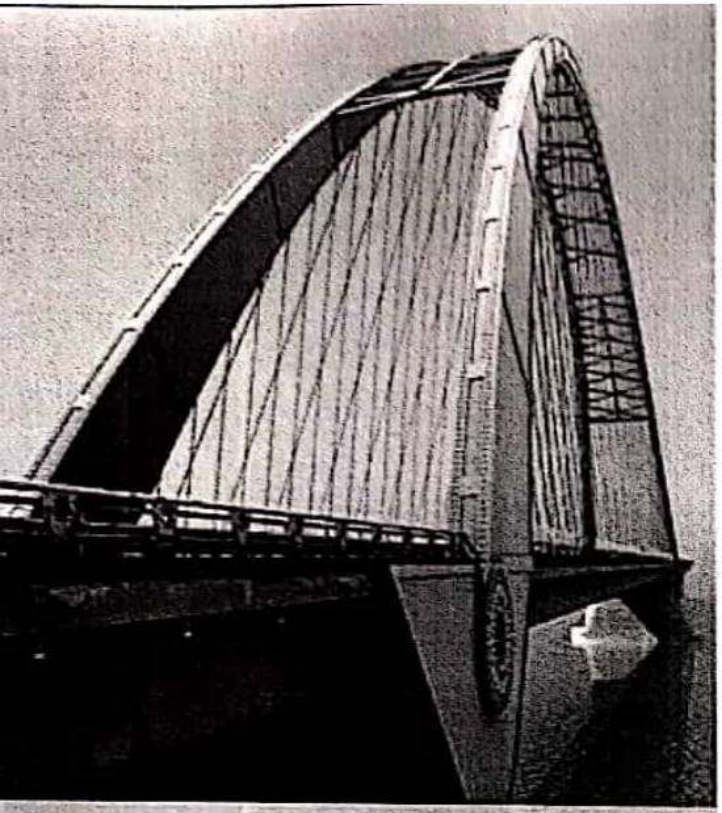
STAAD.PRO - SYLLABUS

STAAD.Pro V8i **Total Duration : 45 Hours**

Week	Topics
1	• Overview of Structural Analysis and Design • Calculating Shear Force and Bending Moment values for various supports and load types • Introduction o STAAD.Pro V8i o STAAD Editor • Co-ordinate Systems o Global Vs Local • Creating a New Project in STAAD.Pro • Units • Model Generation oCreating Nodes & Members • Select Menu Model Editing Tools Translational Repeat Circular Repeat Move Mirror Rotate Insert Node □ For a Single Member □ For Multiple Members Add Beam □ Point to Point □ Between Midpoints □ Perpendicular Intersection □ Curved Member
2	Model Editing Tools o Connect Beams Along o Stretch Selected Members o Intersect Selected Members o Merge Selected Members o Renumber o Split Beam o Break Beams at Selected Nodes Creating Models by using Structure Wizard Mini Project 1
3	Member Property Specification • Member Offset Material Specification • Group Specification Loading o Creating a Primary Load o Adding Selfweight

	Loading o Nodal Load o Member Load □Uniform Force and Moment □Concentrated Force and Moment □Linear Varying Load □Trapezoidal Load □Hydrostatic Load □Pre/Post Stress□ Area Load □Floor Load Mini Project 2 Loading o Wind Load Creating Load Combination oAutomatic Load Combination o Edit Auto Load Rules o Moving Load o Reference Load o Repeat Load
3	Mini Project 3 • Introduction to Analysis o Perform Analysis o Overview of Output Page o Pre-analysis Print o Post-analysis Print • Inactive or Delete Specification General Guidelines for Design Concrete Design in STAAD.Pro o Column Design o Beam Design RC Designer Beam Design Column
4 & 5	Project 1 Seismology o Introduction Terminologies • Standards for Earthquake Design • General Principals for Earthquake Design • Finding the Lateral Force (manual calculation) Finding the Lateral Force by using STAAD.Pro Dynamic Analysis o Response Spectrum Analysis Mini Project 4 • Cylindrical and Cylindrical Reverse Co-ordinate Systems Introduction to FEM

	• FEM Modelling in • STAAD.Pro o Snap Plate o Add Plate Create Infill Plates Generate Surface Meshing Generate Plate Mesh Parametric Modelling • Member Truss Creating FEM models by using Structure Wizard • Adding Plate Thickness Plate Load o Pressure on • Full Plate o Concentrated • Load o Partial Plate Pressure Load Trapezoidal Load o Hydrostatic Load o Element Joint Load



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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ABDUL RAHMAN S

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CPR1508457702

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

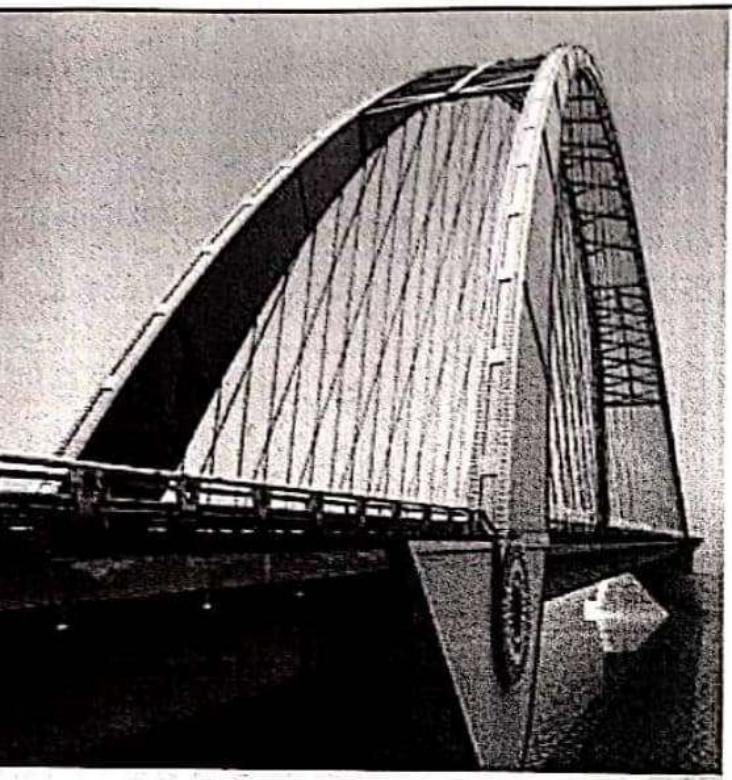
13th March 2015
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, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004. India.
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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : AJISHAD V P

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CPR1508457703

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

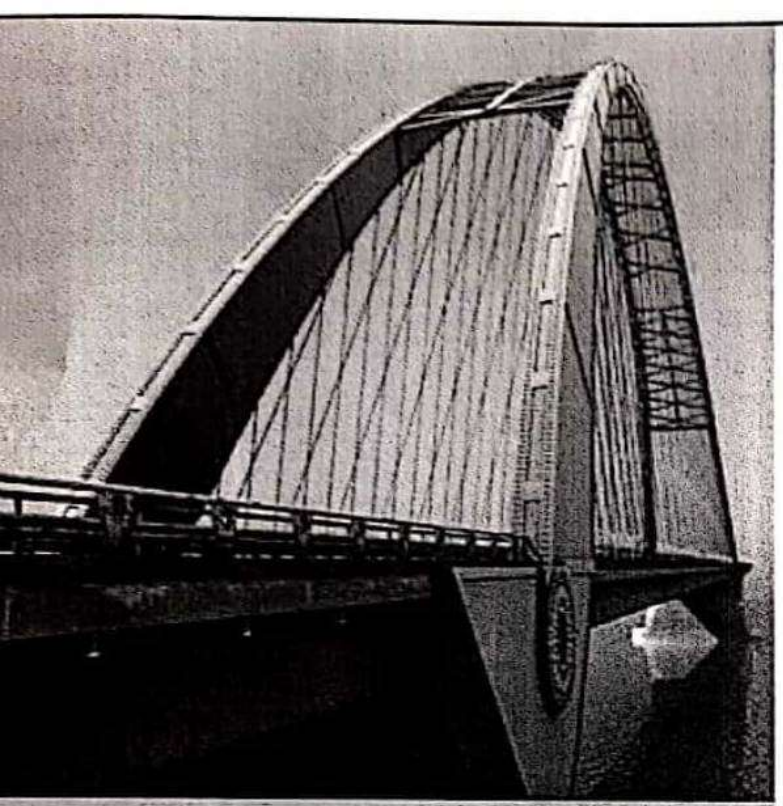
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STADD PRO

IN : STADD Pro

AWARDED TO : AJMAL PALATTU THARAYIL BAVU

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CPR1508457704

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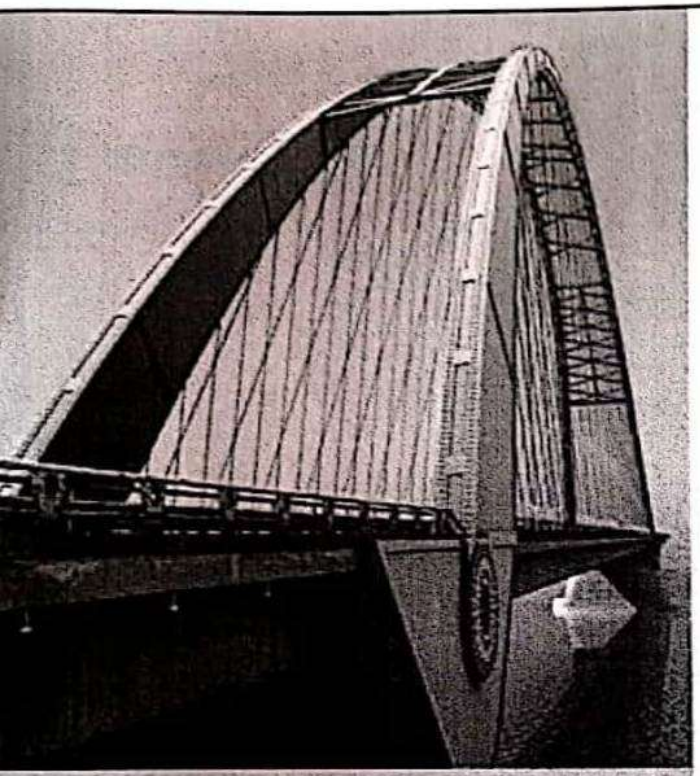
MANAGING DIRECTOR	VARUNKUMAR M	13th March 2015
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CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : AKHILA B

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CPR1508457705

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Free No. 1800 425 0405 | www.caddcentreglobal.com

CERTIFICATE OF COMPLETION

STADD PRO

IN : STADD Pro

AWARDED TO : ANDREWS NAVEEN REXTON J

AT : JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

DURING : 45 HOURS STUDENT ID NO.: CPR1508457706

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MANAGING DIRECTOR

VARUNKUMAR M
CENTRE HEAD

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

STADD PRO - QUESTIONS

1. The following are an notations:
   a. Symbols
   b. Surfaces
   c. Tags
   d. Keynotes
   e. Dimensions
   f. Planes

2. A group of elements you use to model or document a building design is called a
   a. Form
   b. Family
   c. Category
   d. Instance
   e. Type

3. Constraints can function independently of dimensions
   a. True
   b. False

4. Dependent views allow you to
   a. View the samething at different angles in different view ports
   b. Change all your views at once
   c. Add different view soft the same model
   d. Divide the same view into two separate sheets

5. A drafting view can be seen in 30
   a. True
   b. False

6. You can add a filled region to:
   a. A model view
   b. An annotation family
   c. A detail view
   d. A drafting view

7. Changing the parameters for a wall instance means the change
   a. Affects only that wall
   b. Affects all walls of that type

8. A sketch line that indicates where to split a view for a dependent view is called a
   a. Split line
   b. Division line
   c. Match line
   d. Cut line

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9. An object can bea(n)
   a. Model element
   b. Annotation element
   c. Datum element
   d. Temporary element
   e. Imported element

10. When you have a split level plan, you can use the to show each part of the plan properly
   a. Dependent plan
   b. Plan divisions
   c. Plan region

11. A curved reference line has how many planes to sketch on?
   a. One
   b. Two
   c. Three
   d. Four

12. If subcomponents are not from shared families, Revit Architecture treats an instance of then ested family as asset of multiple separate items, each item having its own selecting, tagging, and scheduling.
   a. True
   b. False

13. What happens to the work sets if you do not close them properly?
   a. You have permission over worksets (so no other team member can get them)
   b. You delete all the work you've done
   c. You disable your own work sets
   d. None of the above

14. A Revit type is the same as a Revit subcategory
   a. True
   b. False

15. With imported data,layers/levels can be accessed by the following two ways:
   a. Using a query tool
   b. Use Short cut bar
   c. Use Options box
   d. Use Visibility/Graphic Over ride dialogue box

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FEEDBACK FORM

This *Training Evaluation Feedback Form* is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

1. **How did you attend this training?** *(check all that apply)*
   - [ ] As an instructor/facilitator
   - [ ] As a trainee in a group setting
   - [x] As a Web-based training in a group setting
   - [ ] As a self-paced Web-based training
   - [ ] Other *(describe)*:

2. **Was this training?**
   - [ ] Required
   - [ ] Optional

3. **Based on the training course description, how did your learning experience compare to what you expected when you began the training.** *(check only one)*
   - [ ] Learned much more than I expected.
   - [ ] Learned somewhat more than I expected.
   - [x] Learned as much as I expected.
   - [ ] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
   - [ ] Learned nothing new.

4. **Please rate how well this training program met your expectations in the following areas:**

	One of the Worst	Below Average	Average	Above Average	One of The Best
Course content			✓		
Course materials			✓		
Presentation style			✓		
Joint exercise content			✓		
Open discussions			✓		
Availability of support materials			✓		
Other: *(describe)*:			✓		

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [x] Definitely
   - [ ] Probably
   - [ ] Not certain
   - [ ] Probably not
   - [ ] Definitely not

6. **Comments:**

(Name & Signature)

FEEDBACK FORM

This *Training Evaluation Feedback Form* is available in a PDF version for printing and filling out by hand; or as a Word document that can be filled out on the computer:

1. **How did you attend this training?** *(check all that apply)*
   - [ ] As an instructor/facilitator
   - [ ] As a trainee in a group setting
   - [x] As a Web-based training in a group setting
   - [ ] As a self-paced Web-based training
   - [ ] Other *(describe)*:

2. **Was this training?**
   - [ ] Required
   - [ ] Optional

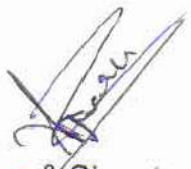
3. **Based on the training course description, how did your learning experience compare to what you expected when you began the training.** *(check only one)*
   - [ ] Learned much more than I expected.
   - [ ] Learned somewhat more than I expected.
   - [x] Learned as much as I expected.
   - [ ] Learned somewhat less than I expected.
   - [ ] Learned much less than I expected.
   - [ ] Learned nothing new.

4. **Please rate how well this training program met your expectations in the following areas:**

	One of the Worst	Below Average	Average	Above Average	One of The Best
Course content			✓		
Course materials				✓	
Presentation style				✓	
Joint exercise content			✓		
Open discussions				✓	
Availability of support materials			✓		
Other: *(describe)*:			✓		

5. **Would you recommend this training to your colleagues?** *(check only one)*
   - [x] Definitely
   - [ ] Probably
   - [ ] Not certain
   - [ ] Probably not
   - [ ] Definitely not

6. **Comments:**



(Name & Signature)

15.12.2014
Pichanur

From

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

To

The Director,
XPLORE IT CORP,
Coimbatore

Dear Sir,

Sub: Requesting for Allocating a 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 computer science and Engineering is in need of an Trainer Expert from your company for PHP & MYSQL. The Trainer will be handling classes for the III and IV year CSE and ECE Students during semester. Sir I request you to give permission for the above at the earliest.

Thanking you

Yours Sincerely,

Dr.Rajiv Suresh Kumar

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Computer Science and Engineering

Circular

December 22, 2014

Our Department is planned to conduct a course on **"PHP & MYSQL"** for our third and final year CSE and ECE students at our campus will be conducted by Mr.Ventatesh Saravanan, Web developer,365 Media Private Limited, Coimbatore. The course will be conducted from 03/01/15 to 10/01/15. The willing students are joining this course without fail.

Association coordinator

HoD/CSE

To

Class Advisor & Tutors of III and IV year CSE and ECE students (To be read in the class room) and all the faculty members of CSE and ECE dept.

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VENKATESH SARAVANAN

PROFESSIONAL SUMMARY:

- Web Developer with 5 years of experience in PHP with MySQL.
- A skilled, innovative and competent Engineering Professional with a Master's Degree in Computer Science Engineering.
- Ability to understand new concepts and technology quickly.
- Creative problem solver, who thrives on challenges, is cool under pressure and gets the job done with zero defects.

SOFTWARE EXPOSURE:

- Languages : Mainframe – JCL, COBOL, DB2, VSAM, CICS, REXX, C, C++, Core JAVA.
- Operating System : MS-DOS, MS-Windows 2000, 2007 & XP, Linux.
- WEB Technologies : **HTML5, CSS3, JAVA Script, AJAX, JQuery, NODE JS, ANGULAR JS, PHP with MySQL.**

PROJECT EXPERIENCE:

Project 1:-

Organization : 365 Media Private Limited
Designation : Junior Quality Analyst
Project : Penn Well Corporations

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XPLORE IT CORP
Design Your Future

Project 2: CSG Online2.0

Organization : 365 Media Private Limited
Designation : Junior Quality Analyst
Project : CSG Online2.0

Project Details:

CSG Online2.0 is one of the search engines. This is tool developed with the help of Gator I which is done on the basis of agile process. In this we can't able to do the changes in the front end like other projects. All the modifications are done only at the back end and the front end displays only the company details. By giving the company name the client can view a list which holds the company details as well as the product details.

Roles & Responsibility:

- Creating test cases and implementing the tests.
- Execute all assigned test cases.
- Design and prioritize test cases.
- Put bugs into bug tracking system.
- Retest resolved bugs on each release.
- Regresses existing bugs on previous software builds or alternate database/server configurations.
- Assist the test lead with test lead duties as needed.
- Provide feedback in Bug triages.
- Assist with preparation of test plans

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WEB APPLICATION DEVELOPMENT

XPLORE IT CORP
Design Your Desire

S.No.	Course Contents	Duration
1	Template Designing Using HTML	7 Days
2	Applying Styles Using CSS	
3	Validation Using JavaScript	
4	Server-Side Scripting Introduction	
5	Important Of Session And Cookies	
6	Completing Web Application With Database Connectivity	

COURSE DESCRIPTION:

A **Rich Internet Application** (RIA) is a Web application designed to deliver the same features and functions normally associated with desktop applications. RIAs generally split the processing across the Internet/network divide by locating the user interface and related activity and capability on the client side, and the data manipulation and operation on the application server side.

Template Designing Using HTML

- A demystify between website and web application
- Basic web application development tags
- Advanced web application development tags with html5

WEB APPLICATION DEVELOPMENT

XPLORE IT CORP
Design Your Desire

Applying Styles Using CSS

- Introduction about CSS
- CSSproperties
- Template using CSS

Validation Using JavaScript

- Introduction about JavaScript
- Accessing HTML elements by DOM

Server-side scripting introduction

- Merits of PHP over other web development platform
- Lead about server-side scripting
- Essential syntax of PHP

Important Of Session And Cookies

- Adding Blurb using cookies
- Calculating hits using session

Completing Web Application With Database Connectivity

- Introduction about DBMS
- Handling webapplication using MYSQL queries
- Sample web application

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur ,Coimbatore-641105

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE COURSE- **PHP & MYSQL**

22.12.2014

Name of the Trainer: Mr.Ventatesh Saravan
Name of the Program: PHP&MYSQL

TIMETABLE

S.no	Date	Time	Topic
1	03.01.2015	9.00 AM to 12.30 PM	A demystify between website and web application
		1.00 PM to 5.30 PM	Basic web application development tags
2	05.01.2015	9.00 AM to 12.30 PM	Introduction about CSS
		1.00 PM to 5.30 PM	CSS properties
3	06.01.2015	9.00 AM to 12.30 PM	Introduction about JavaScript
		1.00 PM to 5.30 PM	Accessing HTML elements by DOM
4	07.01.2015	9.00 AM to 12.30 PM	Merits of PHP over other web development platform
		1.00 PM to 5.30 PM	Lead about server-side scripting
5	08.01.2015	9.00 AM to 12.30 PM	Essential syntax of PHP
		1.00 PM to 5.30 PM	Adding Blurb using cookies
6	09.01.2015	9.00 AM to 12.30 PM	Calculating hits using session
		1.00 PM to 5.30 PM	Introduction about DBMS
7	10.01.2015	9.00 AM to 12.30 PM	Handling webapplication using MYSQL queries
		1.00 PM to 5.30 PM	Sample web application

Faculty Co-ordinator

HOD/CSE

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Computer Science and Engineering

REGISTRATION

Academic year 2014-2015

Name of the Trainer: Mr.Ventatesh Saravan
Name of the Program: PHP&MYSQL

S.NO	NAME OF THE STUDENT	SIGN
1	AAKASH.V.J	
2	ARUN.D	
3	ASWIN VISWAS.V	
4	ATHUL JOHNY	
5	DEEPIKA.K	
6	DIVYA.C	
7	HARIKRISHNAN.R	
8	HARITHA.K	
9	JEEVA.R	
10	JISHNU.G	
11	MALARVIZHI.K	
12	MANJUPRIYA.C	
13	MOHAMMED JISHAD.E.P	
14	RAMSINA.A	
15	RUKSANA PARVEEN.A	
16	SAJEEV.S	
17	SAPNA.B	
18	SHIJISHA.K	
19	SHITHIN JOSE	
20	SILPA JOSE	
21	SIVARAMAKRISHNAN.S	
22	SOWMYABEGAM.M	
23	VISHNU.K	
24	ANSAR HUSAIN M C	
25	RINAS P N	
26	BEN ROBY	
27	BHOOPATHY.S	
28	KISHORE.V	
29	PRASANTH.N	
30	PRAVEEN.D	
31	RANJITH KUMAR.G	
32	SENDHU.R	
33	SHAFIK.S	
34	SHAMEER.K	
35	ARUL KRISHNAN.V	
36	ASWATHY	
37	ASWINI FELCITA.S	
38	ASWINI.S	

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 105

Department of Computer Science and Engineering

ATTENDANCE SHEET

Academic year 2014-2015

Name of the Trainer: Mr.Ventatesh Saravan
Name of the Program: PHP&MYSQL

S.NO	NAME OF THE	3/1	3/1	4/1	5/1	6/1	6/1	7/1	7/1	24	2/1	a/1	9/1	10/1	10/1
1	AAKASH.V.J	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	ARUN.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	ASWIN VISWAS.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	ATHUL JOHNY	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	DEEPIKA.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	DIVYA.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	HARIKRISHNAN.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	HARITHA.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	JEEVA.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	JISHNU.G	/	/	/	/	/	/	a	a	/	/	/	/	/	/
11	MALARVIZHI.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	MANJUPRIYA.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	MOHAMMED	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	RAMSINA.A	a	a	/	/	/	/	/	/	/	/	a	a	/	/
15	RUKSANA PARVEEN.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	SAJEEV.S	/	/	/	/	/	/	/	/	a	a	/	/	/	/
17	SAPNA.B	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	SHIJISHA.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	SHITHIN JOSE	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	SILPA JOSE	/	/	a	a	/	/	/	/	/	/	/	/	/	/
21	SIVARAMAKRISHNAN.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	SOWMYABEGAM.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	VISHNU.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	ANSAR HUSAIN M C	/	/	/	/	a	a	/	/	/	/	/	/	/	/
25	RINAS P N	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	BEN ROBY	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	BHOOPATHY.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	KISHORE.V	/	/	/	/	/	/	/	/	/	/	/	/	a	a
29	PRASANTH.N	/	/	a	a	/	/	/	/	/	/	/	/	/	/
30	PRAVEEN.D	/	/	/	/	/	/	a	a	/	/	/	/	/	/
31	RANJITH KUMAR.G	a	a	/	/	/	/	/	/	/	/	/	/	/	/
32	SENDHU.R	/	/	/	/	/	/	/	/	a	a	/	/	/	/
33	SHAFIK.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	SHAMEER.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	ARUL KRISHNAN.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	ASWATHY	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37	ASWINI FELCITA.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	ASWINI.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	BABU.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

PHP & MYSQL Course Assessment

Name of the Student:---SAPNA.B---
College:----JCT----------

PART – I Multi Choice questions

1. What does PHP stand for?
i) Personal Home Page
ii) Hypertext Preprocessor
iii) Pretext Hypertext Processor
iv) Preprocessor Home Page

2. Who is the father of PHP?

- A.RasmusLerdorf
- B.WillamMakepiece
- C.DrekKolkevi
- D. List Barely

3. PHP files have a default file extension of.

- A. .html
- B. .xml
- C. .php
- D. .ph

4. A PHP script should start with ___ and end with ___:

- A.<php>
- B.< ?php ?>
- C.< ? ? >
- D.< ?php ? >

5. Which of the looping statements is/are supported by PHP?
i) for loop
ii) while loop
iii) do-while loop
iv) foreach loop

- A. (i) and (ii)
- B. (i), (ii) and (iii)
- C. All of the mentioned
- D. None of the mentioned

6. Which of the following is/are a PHP code editor? ditor?
i) Notepad
ii) Notepad++
iii) Adobe Dreamweaver
iv) PDT

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- A. Only (iv)
- B. All of the mentioned.
- C. (i), (ii) and (iii)
- D. Only (iii)

7. Which of the following must be installed on your computer so as to run PHP script?
i) Adobe Dreamweaver
ii) PHP
iii) Apache
iv) IIS

- A. All of the mentioned
- B. Only (ii)
- C. (ii) and (iii)
- D. (ii), (iii) and (iv)

8. Which version of PHP introduced Try/catch Exception?

- A. PHP 4
- B. PHP 5
- C. PHP 5.3
- D. PHP 6

9. We can use ___ to comment a single line?
i) /?
ii) //
iii) #
iv) /* */

- A. Only (ii)
- B. (i), (iii) and (iv)
- C. (ii), (iii) and (iv)
- D. Both (ii) and (iv)

10. Which of the below symbols is a newline character?

- A. \r
- B. \n
- C. /n
- D. /r

11. Which of the following php statement/statements will store 111 in variable num?
i) int $num = 111;
ii) int mum = 111;
iii) $num = 111;
iv) 111 = $num;

- A. Both (i) and (ii)
- B. All of the mentioned.
- C. Only (iii)
- D. Only (i)

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12. What will be the output of the following phpcode

```
<?php
$num = 1;
$num1 = 2;
print$num . "+". $num1 ;
?>
```

- A. 3
- B. 1+2
- C. 1.+.2
- D. Error

13. What will be the output of the following php code?

```
<?php
$num = "1";
$num1 = "2";
print$num+$num1 ;
?>
```

- A. 3
- B. 1+2
- C. Error
- D. 12

14. Which of following variables can be assigned a value to it?
(i) $3hello
(ii) $_hello
(iii) $this
(iv) $This

- A. All of the mentioned
- B. Only (ii)
- C. (ii), (iii) and (iv)
- D. (ii) and (iv)

15. What will be the output of the following code?

```
<?php
$foo = 'Bob';
$bar = &$foo;

$bar = "My name is $bar";
echo$bar;
echo$foo;
?>
```

- A. Error
- B. My name is BobBob
- C. My name is BobMy name is Bob
- D. My name is Bob Bob

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Part-II Answer Any two (10 marks each)

Execute a PHP program for the below questions.

1. How to print a number reverse ?
2. Write a program for this pattern(number pyramid) ?

```
1
22
333
4444
55555
```

3. How to find whether a number armstrong or not ?
4. How to find whether a number prime or not ?

Output verified
18

TOTAL MARKS: 48/50

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

PHP & MYSQL Course Assessment

Name of the Student: MALARVIZHI.K
College:----ECT----

PART – I Multi Choice questions

1. What does PHP stand for?
i) Personal Home Page
ii) Hypertext Preprocessor
iii) Pretext Hypertext Processor
iv) Preprocessor Home Page

2. Who is the father of PHP?

- A.RasmusLerdorf
- B.WillamMakepiece
- C.DrekKolkevi
- D. List Barely

3. PHP files have a default file extension of.

- A. .html
- B. .xml
- C. .php
- D. .ph

4. A PHP script should start with ___ and end with ___:

- A.<php>
- B.< ?php ?>
- C.< ? ? >
- D.< ?php ? >

5. Which of the looping statements is/are supported by PHP?
i) for loop
ii) while loop
iii) do-while loop
iv) foreach loop

- A. (i) and (ii)
- B. (i), (ii) and (iii)
- C. All of the mentioned
- D. None of the mentioned

6. Which of the following is/are a PHP code editor? ditor?
i) Notepad
ii) Notepad++
iii) Adobe Dreamweaver
iv) PDT

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- A. Only (iv)
- B. All of the mentioned.
- C. (i), (ii) and (iii)
- D. Only (iii)

7. Which of the following must be installed on your computer so as to run PHP script?
i) Adobe Dreamweaver
ii) PHP
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iv) IIS

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- B. Only (ii)
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8. Which version of PHP introduced Try/catch Exception?

- A. PHP 4
- B. PHP 5
- C. PHP 5.3
- D. PHP 6

9. We can use ___ to comment a single line?
i) /?
ii) //
iii) #
iv) /* */

- A. Only (ii)
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- C. (ii), (iii) and (iv)
- D. Both (ii) and (iv)

10. Which of the below symbols is a newline character?

- A. \r
- B. \n
- C. /n
- D. /r

11. Which of the following php statement/statements will store 111 in variable num?
i) int $num = 111;
ii) int mum = 111;
iii) $num = 111;
iv) 111 = $num;

- A. Both (i) and (ii)
- B. All of the mentioned.
- C. Only (iii)
- D. Only (i)

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12. What will be the output of the following phpcode

```
<?php
$num = 1;
$num1 = 2;
print$num . "+". $num1 ;
?>
```

- A. 3
- B. 1+2
- C. 1.+.2
- D. Error

13. What will be the output of the following php code?

```
<?php
$num = "1";
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print$num+$num1 ;
?>
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- A. 3
- B. 1+2
- C. Error
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echo$bar;
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- A. Error
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Execute a PHP program for the below questions.

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   1
   22
   333
   4444
   55555
3. How to find whether a number armstrong or not ?
4. How to find whether a number prime or not ?

output script 10

TOTAL MARKS: 44/50

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

PHP & MYSQL Course Assessment

Name of the Student: PRASANTH . N
College: JCT

PART – I Multi Choice questions

1. What does PHP stand for?
i) Personal Home Page
ii) Hypertext Preprocessor
iii) Pretext Hypertext Processor
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2. Who is the father of PHP?

- A.RasmusLerdorf
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3. PHP files have a default file extension of.

- A. .html
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4. A PHP script should start with ___ and end with ___:

- A.<php>
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5. Which of the looping statements is/are supported by PHP?
i) for loop
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6. Which of the following is/are a PHP code editor? ditor?
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- A. Only (iv)
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- D. Only (iii)

7. Which of the following must be installed on your computer so as to run PHP script?
i) Adobe Dreamweaver
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8. Which version of PHP introduced Try/catch Exception?

- A. PHP 4
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- A. Error
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```
1
22
333
4444
55555
```

3. How to find whether a number armstrong or not ?
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Output verified
15

TOTAL MARKS: 39/50

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

PHP & MYSQL Course Assessment

Name of the Student: DIVYA.C
College: JCT

PART – I Multi Choice questions

1. What does PHP stand for?
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2. Who is the father of PHP?

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```

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Part-II Answer Any two (10 marks each)

Execute a PHP program for the below questions.

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```
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333
4444
55555
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4. How to find whether a number prime or not ?

output verified
Do

TOTAL MARKS: 46/50

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XIC (XPLORE IT CORP)
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PHP & MYSQL Course Assessment

Name of the Student:---Manjupriya . C
College:----------ICT----------

PART – I Multi Choice questions

1. What does PHP stand for?
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2. Who is the father of PHP?

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6. Which of the following is/are a PHP code editor? ditor?
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8. Which version of PHP introduced Try/catch Exception?

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iii) #
iv) /* */

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- D. Both (ii) and (iv)

10. Which of the below symbols is a newline character?

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- B. \n
- C. /n
- D. /r

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- A. Both (i) and (ii)
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- D. Only (i)

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Part-II Answer Any two (10 marks each)

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2. Write a program for this pattern(number pyramid) ?

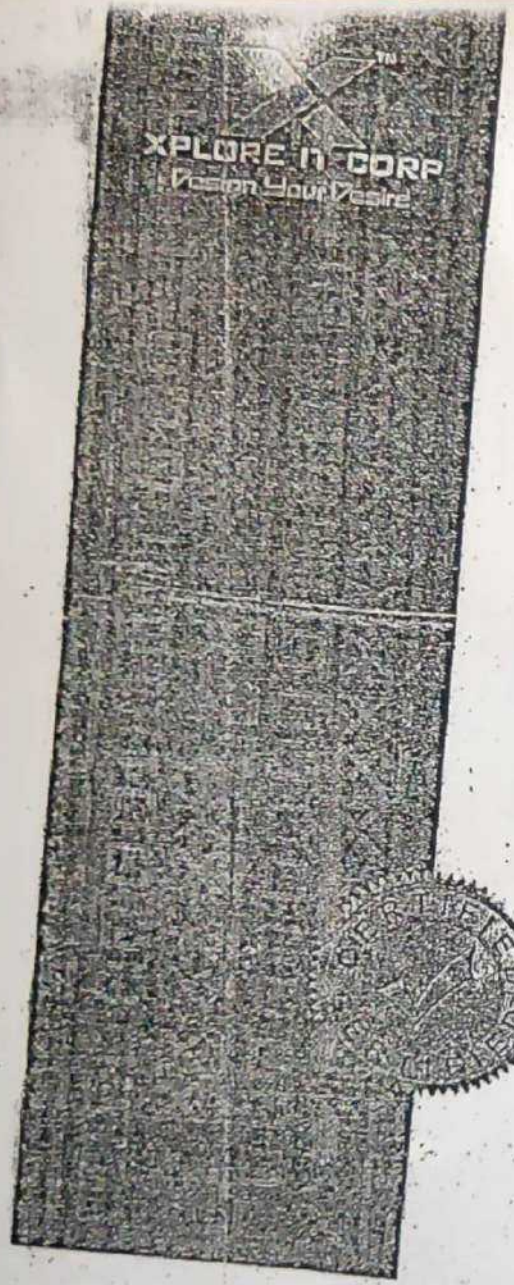
```
1
22
333
4444
55555
```

3. How to find whether a number armstrong or not ?
4. How to find whether a number prime or not ?

output verified

TOTAL MARKS: 20/20

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Certificate Of Completion

AWARDED TO

SENDHUR

ON SUCCESSFUL COMPLETION OF

P.H.P & MYSQL

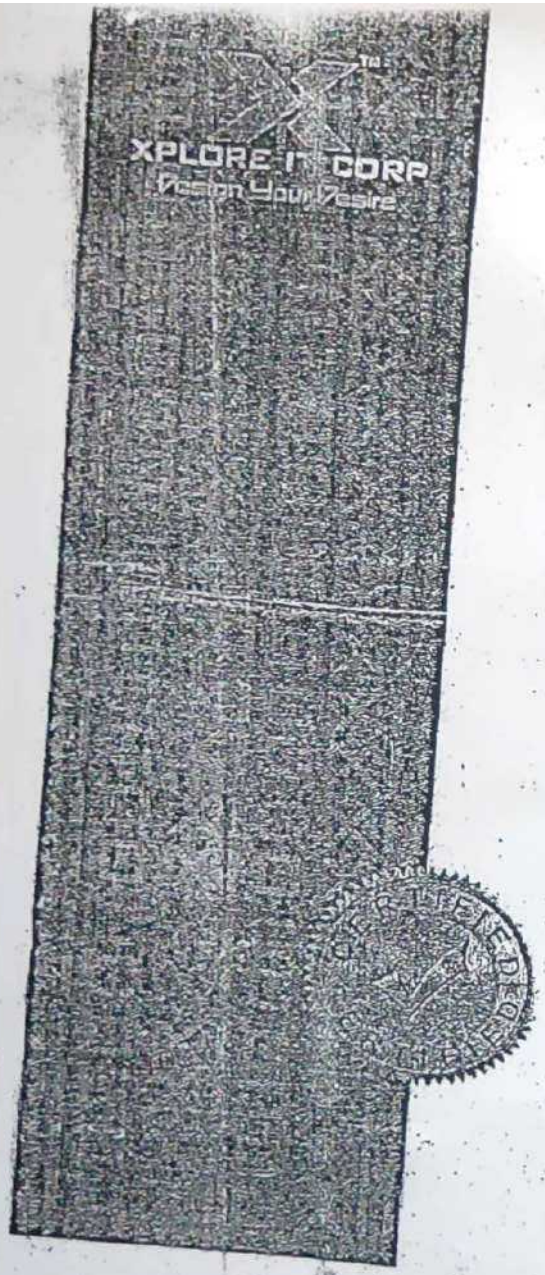
FROM: 03.1.15 TO: 10.01.15

GRANTED ON: 10.01.15

Technical Head

Director

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

Certificate Of Completion

AWARDED TO

MANJURRIYA. C

ON SUCCESSFUL COMPLETION OF

PHP & MYSQL

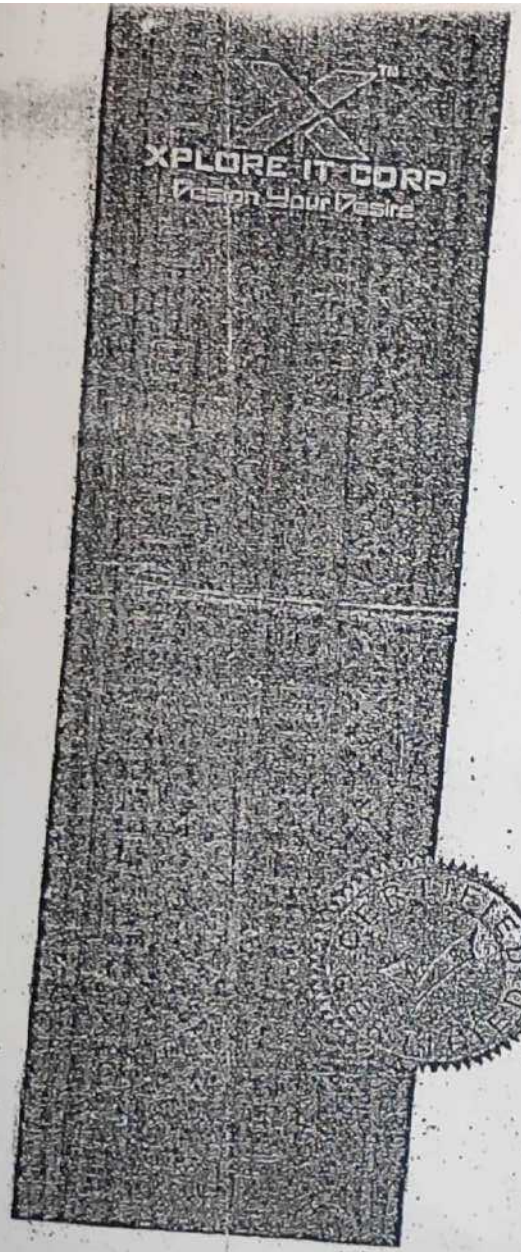
FROM: 03.01.15 TO: 10.01.15

GRANTED ON: 10.01.15

Technical Head

Director

Scanned by CamScanner



XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

Certificate Of Completion

AWARDED TO

SAJEEV. S

ON SUCCESSFUL COMPLETION OF

PHP & MYSQL

FROM: 03.01.15 TO: 10.01.15

GRANTED ON: 10.01.15

Technical Head

Director

Scanned by CamScanner



XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

Certificate Of Completion

AWARDED TO

AAKASH. V. S

ON SUCCESSFUL COMPLETION OF

PHP & MYSQL

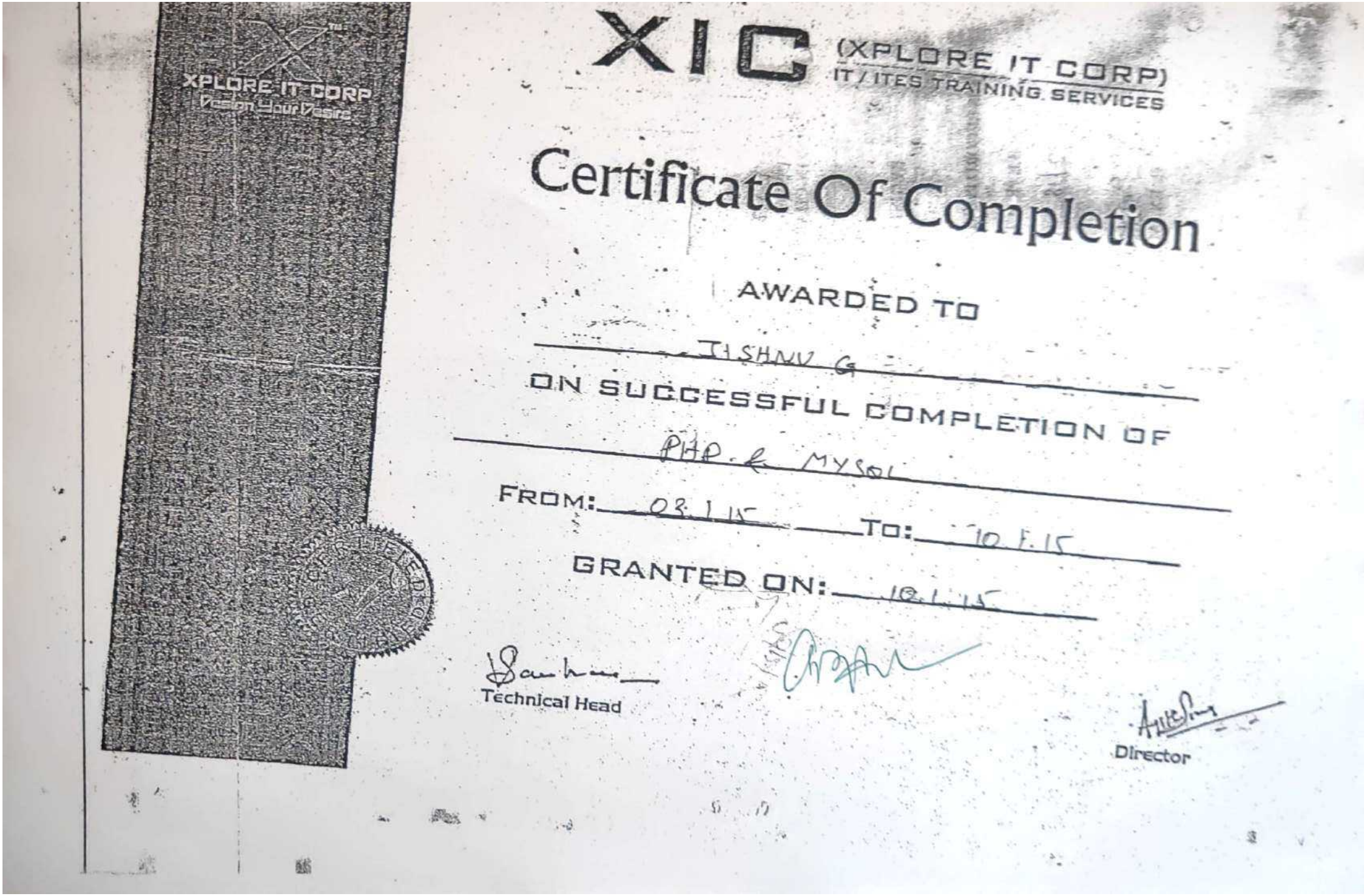
FROM: 03.1.15 TO: 10.01.15

GRANTED ON: 10.01.15

Technical Head

Director

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Course Feedback Form

Course Title: PHP, MYSQL

Dates: _____ Venue: CSE LAB3

Please fill the short questionnaire to make the course better.

Your background: Teaching in Engg./Arch./Diploma Research Organisation Industry

Your Highest Qualifications: Diploma/ Degree/ ME/ MTech/ PhD

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

THE DESIGN OF THE COURSE

A. Were objectives of the course clear to you? Y ☑ / N ☐

B. The course contents met with your expectations
1. Strongly disagree 5. Strongly agree — 1

C. The lecture sequence was well planned
1. Strongly disagree 5. Strongly agree — 5

D. The contents were illustrated with
1. Too few examples 5. Adequate examples — 5

E. The level of the course was
1. Too low 5. Too high — 5

F. The course contents compared with your expectations
1. Too theoretical 5. Too empirical — 1

G. The course exposed you to new knowledge and practices
1. Strongly disagree 5. Strongly agree — 1

H. Will you recommend this course to your colleagues?
1. Not at all 5. Very strongly — 5

THE CONDUCT OF THE COURSE

A. The lectures were clear and easy to understand
1. Strongly disagree 5. Strongly agree — 5

B. The teaching aids were effectively used
1. Strongly disagree 5. Strongly agree — 5

C. The course material handed out was adequate
1. Strongly disagree 5. Strongly agree — 5

D. The instructors encouraged interaction and were helpful
1. Strongly disagree 5. Strongly agree — 5

E. Were objectives of the course realized? Y ☑ / N ☐

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F. Please give overall rating of the course

90% - 100%	(✓)	60% - 70%	( )
80% - 90%	( )	50% - 60%	( )
70% - 80%	( )	below 50%	( )

Please comment on the strengths of the course and the way it was conducted.

GOOD

Please comment on the weaknesses of the course and the way it was conducted.

—

Please give suggestions for the improvement of the course.

NILL

Optional – Your name and contact address:

Thank you!!

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur, Coimbatore – 641 105

TÜV AUSTRIA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT ON COURSE ON PHP

The Department of Computer Science and Engineering organized a course on "PHP & MYSQL" from 03rd January 2015 to 10th January 2015 for the students of III year and IV year CSE. Mr.Ventatesh Saravanan, Web developer,365 Media Private Limited, Coimbatore was the resource person for the occasion. The program started with welcome address given by Mr. K.Sivakumar, Assistant Professor (Sr.G), Computer Science and Engineering.

The session started by introducing the importance and needs of Web application development in IT field. Then he gave a brief description about web application development which can be stated as a Rich Internet Application (RIA) is a web application designed to deliver the same features and functions normally associated with desktop applications. RIAs generally split the processing across the internet/network divide by locating the user interface and related activity and capability on the client side, and the data manipulation and operation on the application server side.

The trainer highlighted templates design using HTML(Hyper text Markup Language). He also concentrated on explaining the importance of Hyper Text Markup Language. He also highlighted CSS(Cascading Style Sheets) which is used to provide font and styles to the web pages. Next day he concentrated on Javascript which includes introduction about Javascript and accessing HTML elements by DOM. He then illustrated all these theory classes by using practical classes which was very helpful for the students to easily understand the topics. On the remaining days he illustrated server side scripting which contains introduction about the topic ,merits of PHP over other web development platforms as well as essential syntax of PHP. He also illustrated PHP using practical classes .On last day of the course he concluded by introducing the topic of web application with database connectivity with a sample web application.

The course was concluded with clarifying questions raised by students and students also gave feedback about the course. Vote of thanks given by Mr.K.Jason, Assistant Professor, Computer Science and Engineering.

HOD/CSE **PRINCIPAL**

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Computer Science and Engineering

Circular

December 22, 2014

Our Department is planned to conduct a course on **"PHP & MYSQL"** for our third and final year .CSE and ECE students at our campus will be conducted by Mr.Ventatesh Saravanan, Web developer,365 Media Private Limited, Coimbatore. The course will be conducted from 03/01/15 to 10/01/15. The willing students are joining this course without fail.

Association coordinator

HOD/CSE

To

Class Advisor & Tutors of III and IV year CSE and ECE students (To be read in the class room) and all the faculty members of CSE and ECE dept.

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VENKATESH SARAVANAN

PROFESSIONAL SUMMARY:

- Web Developer with 5 years of experience in PHP with MySQL.
- A skilled, innovative and competent Engineering Professional with a Master's Degree in Computer Science Engineering.
- Ability to understand new concepts and technology quickly.
- Creative problem solver, who thrives on challenges, is cool under pressure and gets the job done with zero defects.

SOFTWARE EXPOSURE:

- Languages : Mainframe – JCL, COBOL, DB2, VSAM, CICS, REXX, C, C++, Core JAVA.
- Operating System : MS-DOS, MS-Windows 2000, 2007 & XP, Linux.
- WEB Technologies : **HTML5, CSS3, JAVA Script, AJAX, JQuery, NODE JS, ANGULAR JS, PHP with MySQL.**

PROJECT EXPERIENCE:

Project 1:-

Organization : 365 Media Private Limited

Designation : Junior Quality Analyst

Project : Penn Well Corporations

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Project 2: CSG Online2.0

Organization : 365 Media Private Limited
Designation : Junior Quality Analyst
Project : CSG Online2.0

Project Details:

CSG Online2.0 is one of the search engines. This is tool developed with the help of Gator I which is done on the basis of agile process. In this we can't able to do the changes in the front end like other projects. All the modifications are done only at the back end and the front end displays only the company details. By giving the company name the client can view a list which holds the company details as well as the product details.

Roles & Responsibility:

- Creating test cases and implementing the tests.
- Execute all assigned test cases.
- Design and prioritize test cases.
- Put bugs into bug tracking system.
- Retest resolved bugs on each release.
- Regresses existing bugs on previous software builds or alternate database/server configurations.
- Assist the test lead with test lead duties as needed.
- Provide feedback in Bug triages.
- Assist with preparation of test plans

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur ,Coimbatore-641105

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE COURSE- **PHP & MYSQL**

22.12.2014

Name of the Trainer: Mr.Ventatesh Saravan
Name of the Program: PHP&MYSQL

TIMETABLE

S.no	Date	Time	Topic
1	03.01.2015	9.00 AM to 12.30 PM	A demystify between website and web application
		1.00 PM to 5.30 PM	Basic web application development tags
2	05.01.2015	9.00 AM to 12.30 PM	Introduction about CSS
		1.00 PM to 5.30 PM	CSS properties
3	06.01.2015	9.00 AM to 12.30 PM	Introduction about JavaScript
		1.00 PM to 5.30 PM	Accessing HTML elements by DOM
4	07.01.2015	9.00 AM to 12.30 PM	Merits of PHP over other web development platform
		1.00 PM to 5.30 PM	Lead about server-side scripting
5	08.01.2015	9.00 AM to 12.30 PM	Essential syntax of PHP
		1.00 PM to 5.30 PM	Adding Blurb using cookies
6	09.01.2015	9.00 AM to 12.30 PM	Calculating hits using session
		1.00 PM to 5.30 PM	Introduction about DBMS
7	10.01.2015	9.00 AM to 12.30 PM	Handling webapplication using MYSQL queries
		1.00 PM to 5.30 PM	Sample web application

Faculty Co-ordinator

HOD/CSE

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WEB APPLICATION DEVELOPMENT

S.No.	Course Contents	Duration
1	Template Designing Using HTML	7 Days
2	Applying Styles Using CSS	
3	Validation Using JavaScript	
4	Server-Side Scripting Introduction	
5	Important Of Session And Cookies	
6	Completing Web Application With Database Connectivity	

COURSE DESCRIPTION:

A **Rich Internet Application** (RIA) is a Web application designed to deliver the same features and functions normally associated with desktop applications. RIAs generally split the processing across the Internet/network divide by locating the user interface and related activity and capability on the client side, and the data manipulation and operation on the application server side.

Template Designing Using HTML

- A demystify between website and web application
- Basic web application development tags
- Advanced web application development tags with html5

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Applying Styles Using CSS

- Introduction about CSS
- CSSproperties
- Template using CSS

Validation Using JavaScript

- Introduction about JavaScript
- Accessing HTML elements by DOM

Server-side scripting introduction.

- Merits of PHP over other web development platform
- Lead about server-side scripting
- Essential syntax of PHP

Important Of Session And Cookies

- Adding Blurb using cookies
- Calculating hits using session

Completing Web Application With Database Connectivity

- Introduction about DBMS
- Handling webapplication using MYSQL queries
- Sample web application

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTJRONICS & COMMUNICATION ENGINEERING

S.NO	NAME	DURATION	NAME OF THE PROGRAMME	RESOURSE PERSON NAME AND INSTITUTION
1	ABIRAMI	03/01/2015 TO 10/01/2015	PHP AND MY SQL	
2	ADHMEGA			
3	AISWARYA			
4	AMAL JOSEPH			
5	AMAN SAJAN VARGHESE			
6	AMMU SASI PREETHA			
7	ANBU SARAVANAN			
8	ARJUN			
9	ARJUN			
10	ASHIK			
11	ASHOK KUMAR			
12	ASWIN SUKUMARAN			
13	DEEKSHITH			
14	DEEPAK			
15	DINESH KUMAR			
16	EBINAZER			
17	GAYATRI			
18	GOPINATH			
19	HARIKRISHNA			
20	JESNY			
21	JONESH SHERIN			
22	KARTHIKA			
23	KARTHIKA			
24	KEERTHANA			
25	KRISHNAKUMAR			
26	MAHENDHARAN			

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27	MAHESHKUMAR	(SATURDAYS)		
28	MANIKANDAN			
29	MANIKANDAN			
30	MOHAMMED ASIF			
31	MOHANAPRYA			
32	NARENDHIRAN			
33	NIJIN NARAYAN			
34	NIRANJAN KUMAR			
35	PRABAKAR			
36	RAHUL			
37	RAJAKUMARI.			
38	RANJITH			
39	RENUGADEVI			
40	RENUGA DEVI			
41	ROSHANA			
42	SANGEERANI			
43	SANJITH			
44	SARANYA			
45	SELVAKUMAR			
46	SELVAMANI			
47	SHANTHI			
48	SIVASANKAR			
49	SRANOOJ RADHAKRISHNAN			
50	SREEDHARS			

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DEPARTMENT OF ELECTJRONICS & COMMUNICATION ENGINEERING
PHP AND MY SQL

		03/01/15	04/01/15	05/01/15	06/01/15	02/01/15	09/01/15	10/01/15
S.NO	NAME	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7
1	ABIRAMI	/	/	/	/	/	/	/
2	ADHMEGA	/	/	/	/	/	/	/
3	AISWARYA	/	/	/	/	/	/	/
4	AMAL JOSEPH	/	/	/	/	/	/	/
5	AMAN SAJAN VARGHESE	/	/	/	/	/	/	/
6	AMMU SASI PREETHA	/	/	/	/	/	/	/
7	ANBU SARAVANAN	/	/	/	/	/	/	/
8	ARJUN	/	/	/	/	/	/	/
9	ARJUN	/	/	/	/	/	/	/
10	ASHIK	/	/	/	/	/	/	/
11	ASHOK KUMAR	/	/	/	/	/	/	/
12	ASWIN SUKUMARAN	/	/	/	/	/	/	/
13	DEEKSHITH	/	/	/	/	/	/	/
14	DEEPAK	/	/	/	/	/	/	/
15	DINESH KUMAR	/	A	/	/	/	/	/
16	EBINAZER	/	/	/	/	/	/	/
17	GAYATRI	/	/	/	/	/	/	/
18	GOPINATH	/	/	/	/	/	/	/
19	HARIKRISHNA	/	/	/	/	/	/	/
20	JESNY	/	/	/	/	/	/	/
21	JONESH SHERIN	/	/	/	/	/	/	/
22	KARTHIKA	/	/	/	/	/	/	/
23	KARTHIKA	/	/	/	/	/	/	/
24	KEERTHANA	/	/	/	/	A	/	/
25	KRISHNAKUMAR	/	/	/	/	/	/	/
26	MAHENDHARAN	/	/	/	/	/	/	/

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27	MAHESHKUMAR							
28	MANIKANDAN							
29	MANIKANDAN		a	a	a			
30	MOHAMMED ASIF							
31	MOHANAPRYA							
32	NARENDHIRAN							
33	NIJIN NARAYAN							
34	NIRANJAN KUMAR				a			
35	PRABAKAR							
36	RAHUL							
37	RAJAKUMARI.							
38	RANJITH							
39	RENUGADEVI							
40	RENUGA DEVI							
41	ROSHANA							a
42	SANGEERANI							
43	SANJITH							
44	SARANYA							
45	SELVAKUMAR							
46	SELVAMANI							
47	SHANTHI							
48	SIVASANKAR							
49	SRANOOJ RADHAKRISHNAN							
50	SREEDHARS							

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ON SUCCESSFUL COMPLETION OF

PHP + My SQL

FROM: 03-01-2015 TO: 10-01-2015

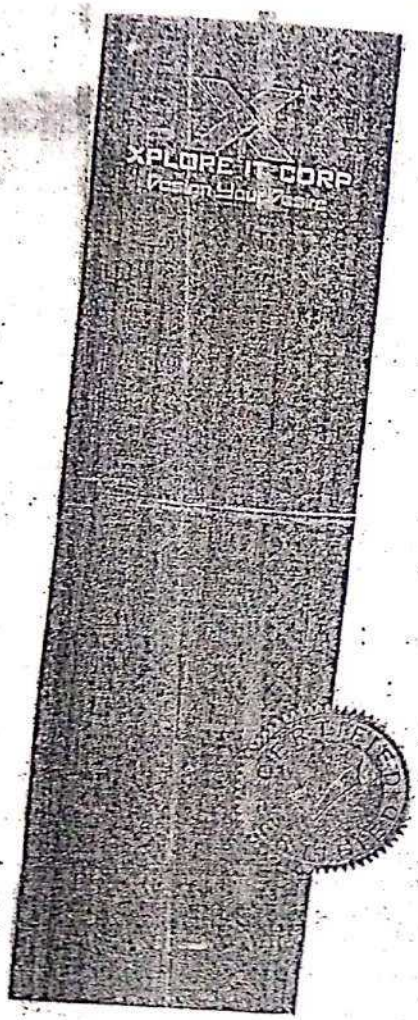
GRANTED ON: 21-01-2015

Technical Head

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641103

Director

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Certificate Of Completion

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Deepak

ON SUCCESSFUL COMPLETION OF

PHP AND My SQL

FROM: 03/01/2015 TO: 16/01/2015

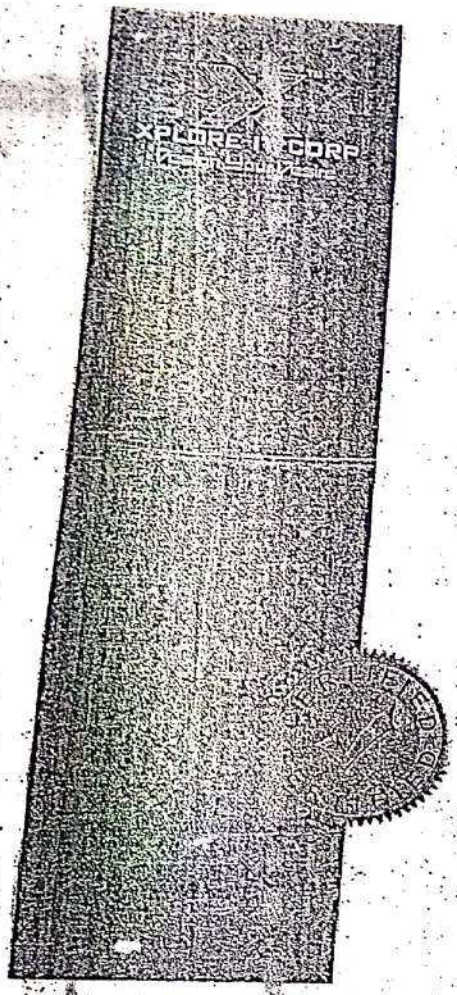
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Technical Head

Director

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Asvin Sukumaran

ON SUCCESSFUL COMPLETION OF

PHP AND MY SQL

FROM: 03/01/2015 TO: 10/01/2015

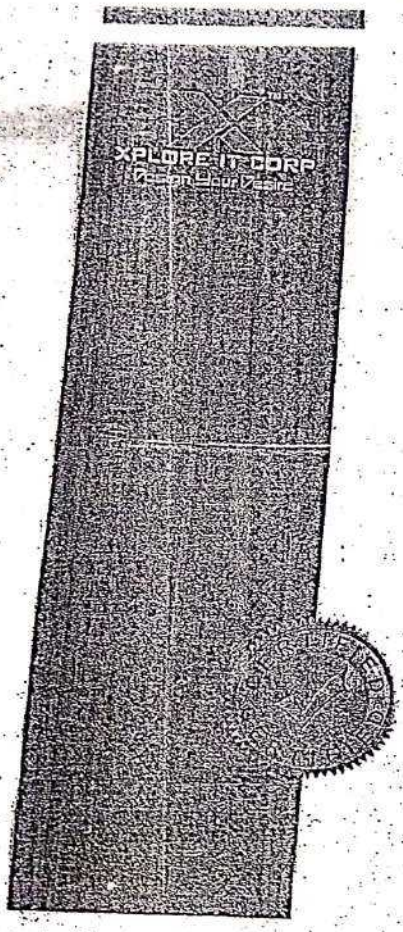
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Director

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Jeeny

ON SUCCESSFUL COMPLETION OF

PHP AND MY SQL

FROM: 08/01/2015 TO: 10/01/2015

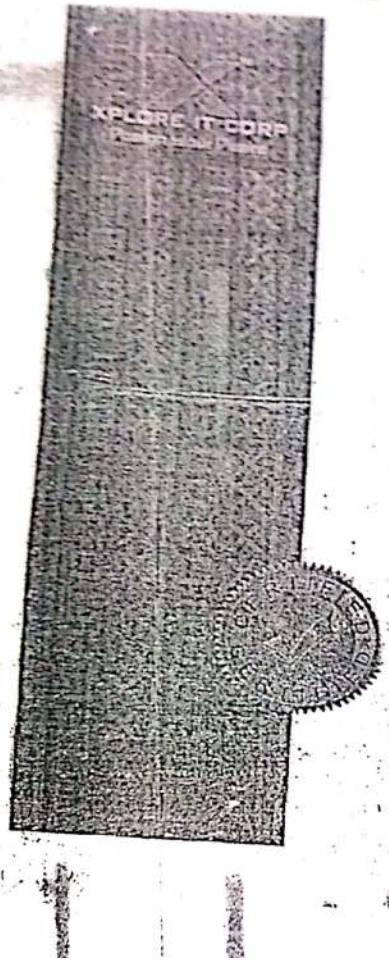
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Technical Head

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Director

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AWARDED TO

Mahasa Priya

ON SUCCESSFUL COMPLETION OF

PHP AND MY SQL

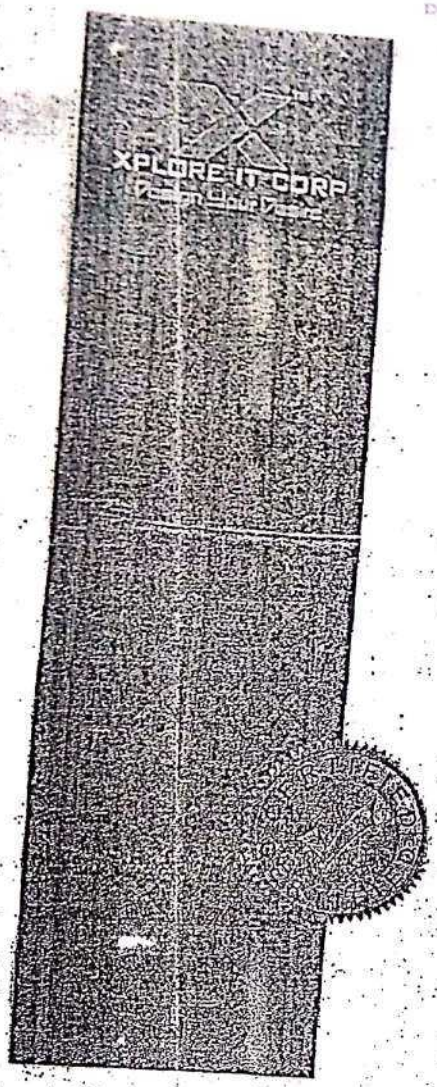
FROM: 08/01/2015 TO: 06/04/2015

GRANTED ON: 21/01/2015

Technical Head

Director

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AWARDED TO

Shanthi

ON SUCCESSFUL COMPLETION OF

PHP And My SQL

FROM: 03/01/2025 TO: 10/01/2025

GRANTED ON: 21/01/2025

Technical Head

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore-641105

Director

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

PHP & MYSQL Course Assessment

Name of the Student: Jesny
College: ICT CET

PART – I Multi Choice questions

1. What does PHP stand for?
i) Personal Home Page
ii) Hypertext Preprocessor
iii) Pretext Hypertext Processor
iv) Preprocessor Home Page

2. Who is the father of PHP?

- A.RasmusLerdorf
- B.WillamMakepiece
- C.DrekKolkevi
- D. List Barely

3. PHP files have a default file extension of.

- A. .html
- B. .xml
- C. .php
- D. .ph

4. A PHP script should start with ___ and end with ___:

- A.<php>
- B.< ?php ?>
- C.< ? ? >
- D.< ?php ? >

5. Which of the looping statements is/are supported by PHP?
i) for loop
ii) while loop
iii) do-while loop
iv) foreach loop

- A. (i) and (ii)
- B. (i), (ii) and (iii)
- C. All of the mentioned
- D. None of the mentioned

6. Which of the following is/are a PHP code editor? ditor?
i) Notepad
ii) Notepad++
iii) Adobe Dreamweaver
iv) PDT

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- A. Only (iv)
- B. All of the mentioned.
- C. (i), (ii) and (iii)
- D. Only (iii)

7. Which of the following must be installed on your computer so as to run PHP script?
i) Adobe Dreamweaver
ii) PHP
iii) Apache
iv) IIS

- A. All of the mentioned
- B. Only (ii)
- C. (ii) and (iii)
- D. (ii), (iii) and (iv)

8. Which version of PHP introduced Try/catch Exception?

- A. PHP 4
- B. PHP 5
- C. PHP 5.3
- D. PHP 6

9. We can use ___ to comment a single line?
i) /?
ii) //
iii) #
iv) /* */

- A. Only (ii)
- B. (i), (iii) and (iv)
- C. (ii), (iii) and (iv)
- D. Both (ii) and (iv)

10. Which of the below symbols is a newline character?

- A. \r
- B. \n
- C. /n
- D. /r

11. Which of the following php statement/statements will store 111 in variable num?
i) int $num = 111;
ii) int mum = 111;
iii) $num = 111;
iv) 111 = $num;

- A. Both (i) and (ii)
- B. All of the mentioned.
- C. Only (iii)
- D. Only (i)

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12. What will be the output of the following phpcode

```
<?php
$num = 1;
$num1 = 2;
print$num . "+". $num1 ;
?>
```

- A. 3
- B. 1+2
- C. 1.+.2
- D. Error

13. What will be the output of the following php code?

```
<?php
$num = "1";
$num1 = "2";
print$num+$num1 ;
?>
```

- A. 3
- B. 1+2
- C. Error
- D. 12

14. Which of following variables can be assigned a value to it?
(i) $3hello
(ii) $_hello
(iii) $this
(iv) $This

- A. All of the mentioned
- B. Only (ii)
- C. (ii), (iii) and (iv)
- D. (ii) and (iv)

15. What will be the output of the following code?

```
<?php
$foo = 'Bob';
$bar = &$foo;

$bar = "My name is $bar";
echo$bar;
echo$foo;
?>
```

- A. Error
- B. My name is BobBob
- C. My name is BobMy name is Bob
- D. My name is Bob Bob

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Part-II Answer Any two (10 marks each)

Execute a PHP program for the below questions.

o/p verified.

1. How to print a number reverse ?
2. Write a program for this pattern(number pyramid) ?

```
1
22
333
4444
55555
```

3. How to find whether a number armstrong or not ?
4. How to find whether a number prime or not ?

TOTAL MARKS: 19/25

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XIC (XPLORE IT CORP)
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PHP & MYSQL Course Assessment

Name of the Student:- ABWIN SUKUMARAN
College:- JCTCET

PART – I Multi Choice questions

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Part-II Answer Any two (10 marks each)

Execute a PHP program for the below questions.

o/p Verified.

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   1
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   333
   4444
   55555
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TOTAL MARKS: 25/25

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XIC (XPLORE IT CORP)
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PHP & MYSQL Course Assessment

Name of the Student:- Deepak
College:- JET College of Engineering and technology.

PART – I Multi Choice questions

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- C. (ii) and (iii)
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- C. PHP 5.3
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?>
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- B. 1+2
- C. 1.+.2
- D. Error

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   1
   22
   333
   4444
   55555
3. How to find whether a number armstrong or not ?
4. How to find whether a number prime or not ?

Partially Verified

TOTAL MARKS:

21/25

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XIC (XPLORE IT CORP)
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PHP & MYSQL Course Assessment

Name of the Student: Shanthi
College: [illegible]

PART – I Multi Choice questions

1. What does PHP stand for?
i) Personal Home Page
ii) Hypertext Preprocessor
iii) Pretext Hypertext Processor
iv) Preprocessor Home Page

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- A.RasmusLerdorf
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- A.<php>
- B.< ?php ?>
- C.< ? ? >
- D.< ?php ? >

5. Which of the looping statements is/are supported by PHP?
i) for loop
ii) while loop
iii) do-while loop
iv) foreach loop

- A. (i) and (ii)
- B. (i), (ii) and (iii)
- C. All of the mentioned
- D. None of the mentioned

6. Which of the following is/are a PHP code editor? ditor?
i) Notepad
ii) Notepad++
iii) Adobe Dreamweaver
iv) PDT

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- A. Only (iv)
- B. All of the mentioned.
- C. (i), (ii) and (iii)
- D. Only (iii)

7. Which of the following must be installed on your computer so as to run PHP script?
i) Adobe Dreamweaver
ii) PHP
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- A. All of the mentioned
- B. Only (ii)
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- D. (ii), (iii) and (iv)

8. Which version of PHP introduced Try/catch Exception?

- A. PHP 4
- B. PHP 5
- C. PHP 5.3
- D. PHP 6

9. We can use ___ to comment a single line?
i) /?
ii) //
iii) #
iv) /* */

- A. Only (ii)
- B. (i), (iii) and (iv)
- C. (ii), (iii) and (iv)
- D. Both (ii) and (iv)

10. Which of the below symbols is a newline character?

- A. \r
- B. \n
- C. /n
- D. /r

11. Which of the following php statement/statements will store 111 in variable num?
i) int $num = 111;
ii) int mum = 111;
iii) $num = 111;
iv) 111 = $num;

- A. Both (i) and (ii)
- B. All of the mentioned.
- C. Only (iii)
- D. Only (i)

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12. What will be the output of the following phpcode

```
<?php
$num = 1;
$num1 = 2;
print$num . "+". $num1 ;
?>
```

- A. 3
- B. 1+2
- C. 1.+.2
- D. Error

13. What will be the output of the following php code?

```
<?php
$num = "1";
$num1 = "2";
print$num+$num1 ;
?>
```

- A. 3
- B. 1+2
- C. Error
- D. 12

14. Which of following variables can be assigned a value to it?
(i) $3hello
(ii) $_hello
(iii) $this
(iv) $This

- A. All of the mentioned
- B. Only (ii)
- C. (ii), (iii) and (iv)
- D. (ii) and (iv)

15. What will be the output of the following code?

```
<?php
$foo = 'Bob';
$bar = &$foo;

$bar = "My name is $bar";
echo$bar;
echo$foo;
?>
```

- A. Error
- B. My name is BobBob
- C. My name is BobMy name is Bob
- D. My name is Bob Bob

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Part-II Answer Any two (10 marks each)

Execute a PHP program for the below questions.

1. How to print a number reverse ?
2. Write a program for this pattern(number pyramid) ?

```
1
22
333
4444
55555
```

3. How to find whether a number armstrong or not ?
4. How to find whether a number prime or not ?

op Verified.

TOTAL MARKS: 20/25

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XIC (XPLORE IT CORP)
IT / ITES TRAINING SERVICES

PHP & MYSQL Course Assessment

Name of the Student: Mohana Priya..
College:---JCT college of Engg and Technology.

PART – I Multi Choice questions

1. What does PHP stand for?
i) Personal Home Page
ii) Hypertext Preprocessor
iii) Pretext Hypertext Processor
iv) Preprocessor Home Page

2. Who is the father of PHP?

- ✓ A.RasmusLerdorf
- B.WillamMakepiece
- C.DrekKolkevi
- D. List Barely

3. PHP files have a default file extension of.

- A. .html
- B. .xml
- ✓ C. .php
- D. .ph

4. A PHP script should start with ___ and end with ___:

- A.<php>
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- C. (ii), (iii) and (iv)
- D. Both (ii) and (iv)

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iv) 111 = $num;

- A. Both (i) and (ii)
- B. All of the mentioned.
- C. Only (iii)
- D. Only (i)

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?>
```

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echo$bar;
echo$foo;
?>
```

- A. Error
- B. My name is BobBob
- C. My name is BobMy name is Bob
- D. My name is Bob Bob

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```

3. How to find whether a number armstrong or not ?
4. How to find whether a number prime or not ?

efp verified.

TOTAL MARKS:

23/25

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JCT College of Engineering and Technology

FEED BACK FORM

Course tittle : ~~Deepa K~~ PHP & My SQL

Name of the Institution/Industry: Xplore IT Corp

Date Attended: 3/01/2015

Student Name: Deepa. K

Year &Sem: VI / VIII

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

If you said 'NO" to #9, please explain:

COORDINATOR

HOD

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Coimbatore- 641 105

TÜV AUSTRIA

Department of Mechanical Engineering

CERTIFICATE PROGRAMMES

ACADEMIC YEAR 2014-2015

	YEAR	SEMESTER	NAME OF THE COURSE	DURATION
EVEN	III	VI	SHEET METAL 3D DESIGN AND DETAILING	02-02-2015 to 09-02-2015

VALUE ADDED PROGRMMES

ACADEMIC YEAR 2018-2019

	YEAR	SEMESTER	NAME OF THE COURSE	DURATION
ODD	III	V	ADVANCED FOUNDARY TECHNOLOGY	02-07-2018 to 09-07-2018
EVEN	III	VI	ADVANCED CASTING TECHNOLOGY	18-01-2019 to 25-01-2019

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TÜV AUSTRIA

ACADEMIC YEAR 2017-2018

	YEAR	SEMESTER	NAME OF THE COURSE	DURATION
ODD	III	V	ROBOTICS AND AUTOMATION	10-07-2017 to 17-07-2017
EVEN	III	VI	ADVANCED TECHNOLOGY IN HYDRAULICS	17-01-2018 to 25-01-2018

ACADEMIC YEAR 2016-2017

	YEAR	SEMESTER	NAME OF THE COURSE	DURATION
EVEN	III	VI	ADVANCED METROLOGY TRAINING	01-02-2017 to 08-02-2017

VALUE ADDED PROGRMMES

ACADEMIC YEAR 2015-2016

	YEAR	SEMESTER	NAME OF THE COURSE	DURATION
EVEN	III	VI	CNC PART PROGRAMING AND MACHINING	27-01-2016 to 03-02-2016

JCT College Of Engineering And Technology, Pichanur

Coimbatore- 641 105

Department Of Mechanical Engineering

From,

DATE 19-01-2015

D.Ashok Kumar,
Assistant professor,
Department of mechanical engineering,
JCT College of engineering andtechnology,
Coimbatore-641105.

To,

The principal,
JCT College of engineering and technology,
Coimbatore- 641105.

Sir,

Sub: permission of conducting CERTIFICATE COURSE on "SHEET METAL 3D DESIGN AND DETAILING" reg.

We have planned to conduct a CERTIFICATE COURSE on SHEET METAL 3D DESIGN AND DETAILING in academic year 2014-2015 for III year of Mechanical Department. We request you to grant us permission to conduct the course.

Thank you

Coordinators

HoD/Mech

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Pichanur, Coimbatore - 641105

JCT College of Engineering and Technology, Pichanur

Coimbatore- 641 105

14-15 (2)

Department Of Mechanical Engineering

Date:23-01-2015

CIRCULAR

As we are going to conduct a CERTIFICATE COURSE on "SHEET METAL 3D DESIGN AND DETAILING" from 02-02-2015 to 09-02-2015.Interested students are requested to enrol their names to program coordinator within two days.

HoD/Mechanical

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JCT College Of Engineering And Technology, Pichanur

Coimbatore- 641 105

Department of Mechanical Engineering

SHEET METAL 3D DESIGN AND DETAILING

PROGRAM SCHEDULE 02-02-2015 to 08-02-2015

Sno	Date	Session	Timing	Topic	Facilitator From
1.	02-02-2015	I	09:00 AM to 10:45 AM	Introduction	MaxCADD
2.			10:45 AM to 11:00 AM	TEA BREAK	
3.		II	11:00 AM to 01:00 PM	Working with flange tools	MaxCADD
4.			01:00 PM to 01:45 PM	LUNCH BREAK	
5.		III	01:45 PM to 03:45 PM	Base flange tool	MaxCADD
6.			03:45 PM to 04:00 PM	TEA BREAK	
7.		IV	04:00 PM to 05:00 PM	Understanding sheet metal and flat pattern folder	MaxCADD
8.	03-02-2015	I	09:00 AM to 10:45 AM	Bend allowance	MaxCADD
9.			10:45 AM to 11:00 AM	TEA BREAK	
10.		II	11:00 AM to 01:00 PM	Add bend table in sheetmetal feature	MaxCADD
11.			01:00 PM to 01:45 PM	LUNCH BREAK	
12.		III	01:45 PM to 03:45 PM	Relief type,Control relief value from different level	MaxCADD
13.			03:45 PM to 04:00 PM	TEA BREAK	
14.		IV	04:00 PM to 05:00 PM	Create Edge flange	MaxCADD
15.	04-02-2015	I	09:00 AM to 10:45 AM	Flange length and flange position in Edge flange	MaxCADD
16.			10:45 AM to 11:00 AM	TEA BREAK	

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17.		II	11:00 AM to 01:00 PM	Edit edge flange,Tangent edge flange, Miter flange tool,Swept flange tool	MaxCADD
18.			01:00 PM to 01:45 PM	LUNCH BREAK	
19.		III	01:45 PM to 03:45 PM	Create tab on a sheetmetal body	MaxCADD
20.			03:45 PM to 04:00 PM	TEA BREAK	
21.		IV	04:00 PM to 05:00 PM	Sketched bend tool,Jogtool,Hem tool	MaxCADD
22.	05-02-2015	I	09:00 AM to 10:45 AM	Sheet metal cuts and corner modify	MaxCADD
23.			10:45 AM to 11:00 AM	TEA BREAK	
24.		II	11:00 AM to 01:00 PM	Closed corner tool,Closed corner tool for complex corner	MaxCADD
25.			01:00 PM to 01:45 PM	LUNCH BREAK	
26.		III	01:45 PM to 03:45 PM	Break corner tool,Create weld in 3D using weld corner tool	MaxCADD
27.			03:45 PM to 04:00 PM	TEA BREAK	
28.		IV	04:00 PM to 05:00 PM	apply corner relief,2 bend or 3 bend corner type in corner relief tool	MaxCADD
29.	06-02-2015	I	09:00 AM to 10:45 AM	Advanced options in corner relief tool,Corner trim	MaxCADD
30.			10:45 AM to 11:00 AM	TEA BREAK	
31.		II	11:00 AM to 01:00 PM	Normal cut on a sheetmetalbody,Cross break on a sheetmetal body	MaxCADD
32.			01:00 PM to 01:45 PM	LUNCH BREAK	
33.		III	01:45 PM to 03:45 PM	Bend and flat pattern control,Convert to sheetmetal	MaxCADD
34.			03:45 PM to 04:00 PM	TEA BREAK	
35.		IV	04:00 PM to 05:00 PM	Convert from solid to sheetmetalbody,Convert to sheetmetal by	MaxCADD

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				Rip and Insert Bends tool	
36.	07-02-2015	I	09:00 AM to 10:45 AM	Convert to sheetmetal body by insert bends tool,Control sheet metal properties of a mirror part	MaxCADD
37.			10:45 AM to 11:00 AM	TEA BREAK	
38.		II	11:00 AM to 01:00 PM	Advanced tools,Lofted bend tool,Formed method in lofted bend tool	MaxCADD
39.			01:00 PM to 01:45 PM	LUNCH BREAK	
40.		III	01:45 PM to 03:45 PM	multi sheetmeat body inside one part file	MaxCADD
41.			03:45 PM to 04:00 PM	TEA BREAK	
42.		IV	04:00 PM to 05:00 PM	Add sheetmetalgusset,Show gusset in flattened state of sheemetal part, Vent tool	MaxCADD
43.	08-02-2015	I	09:00 AM to 10:45 AM	Design Library,Add cut from design library,Addpredefinded cut in design library	MaxCADD
44.			10:45 AM to 11:00 AM	TEA BREAK	
45.		II	11:00 AM to 01:00 PM	Apply forming tool on a sheetmetalbodyModify existing forming tool from design library, Creat new forming toolSheet Metal Drawing,Create sheet metal drawing,Bend note and Flat pattern display,Savesheetmetal flat pattern view as a dxf file	MaxCADD
46.			01:00 PM to 01:45 PM	LUNCH BREAK	
47.		III	01:45 PM to 03:45 PM	Feedback from students	
48.			03:45 PM to 04:00 PM	TEA BREAK	
49.		IV	04:00 PM to 05:00 PM	Vote of thanks	

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JCT COLLEGE OF TECHNOLOGY, PICHANUR, COIMBATORE

DEPARTMENT OF MECHANICAL ENGINEERING

"SHEET METAL 3D DESIGN AND DETAILING"

Registered student List

S.No	Reg.No	Name of the Student
1.	720912114001	ABHIJITH.S
2.	720912114002	ABINDAS.R
3.	720912114003	AJO JOSE
4.	720912114004	ALAGUSUNDHARA PANDI.S
5.	720912114005	ALBIN POULOSE
6.	720912114006	ALEX PANDI.P
7.	720912114007	ALWIN .B.NELLIKUZHY
8.	720912114008	AMAL ISSAC
9.	720912114009	ANAND.T
10.	720912114010	ANAS.M.V
11.	720912114011	ANBARASAN.A
12.	720912114012	ANKITH.S
13.	720912114013	ANTO.B.THOMAS
14.	720912114014	ANURENJ.K
15.	720912114015	ARAVINTHASAMY.A
16.	720912114016	ARUN B.K
17.	720912114017	ARUN KUMAR.M
18.	720912114018	ASHOK.P
19.	720912114019	AYAS MOHIDEEN BAVA.A
20.	720912114020	BALAMURUGAN.L
21.	720912114022	BIJU.C
22.	720912114023	BOOPATHI.M
23.	720912114024	DEEPAK.P
24.	720912114025	DEEPAK SHANKAR.K
25.	720912114026	DINESH RAJ.S
26.	720912114027	FAHIM FAROOK
27.	720912114028	FEBIN JOY
28.	720912114030	GAJENDRAN.M
29.	720912114031	GIRIDHAR.V.P
30.	720912114032	GOVINDAN.R
31.	720912114033	GOWSIK.D
32.	720912114033	GOWSIK.D
33.	720912114034	HARIRAM.S
34.	720912114035	HARIS MOHAMMED.H
35.	720912114036	JAGADEESWARAN.J
36.	720912114037	JESTIN JOSEPH
37.	720912114038	JIBIN.P.G
38.	720912114039	JISHNU.K
39.	720912114040	KALAIVANAN.M
40.	720912114041	KAPIL DAS
41.	720912114042	KARTHICK.K
42.	720912114043	KESAVAN.R
43.	720912114044	KUMAR.P

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44.	720912114045	MAHENDRAN.M
45.	720912114046	MANIKANDAN.S
46.	720912114047	MARI SELVAM.P
47.	720912114047	MARI SELVAM.P
48.	720912114048	MOHAMMED MANZOOR.NP
49.	720912114049	MOHAMMED SHAJIN SHARAF
50.	720912114050	MOHAMMED YASIN.A
51.	720912114051	MOHAN.B
52.	720912114052	MURALI KUMAR.N
53.	720912114053	MURALI MANOHARAN.S
54.	720912114054	MURUGAN.K
55.	720912114055	MUTHAIAH.M
56.	720912114056	MUTHU KARTHICK.V
57.	720912114057	MUTHU PANDI.S
58.	720912114058	NAGARAJ.P
59.	720912114059	NAVAS MOHAMMED.T.V
60.	720912114061	NITHIN RAJ A
61.	720912114062	PASUPATHI.V
62.	720912114063	PETCHI DEEPAN.V
63.	720912114064	PIRUTHVI.SA
64.	720912114065	PRAKASH.S
65.	720912114066	PRANESH.M
66.	720912114067	PRASANTH.M.V
67.	720912114068	PRAVEENKUMAR.M
68.	720912114069	PRAVEENKUMAR.M
69.	720912114070	RAHUL.V.DEV
70.	720912114071	RAJA GANESH.M
71.	720912114072	RAJA PRIYAN.R
72.	720912114073	RAVI KUMAR .R
73.	720912114074	RICHARD JERMIAH.S
74.	720912114075	RINUF.N
75.	720912114076	ROHITH.T
76.	720912114077	ROSHAN PETER
77.	720912114078	SANTHOSH KUMAR.V
78.	720912114079	SARAN SINGH.K
79.	720912114080	SENTHAMIL KUMARAN.M
80.	720912114081	SENTHILATHIBAN.T
81.	720912114082	SENTHIL RAJA.M
82.	720912114086	SIBINRAJ.R
83.	720912114087	SOORAJ.U
84.	720912114088	SUDHAGAR.K
85.	720912114089	SURENDHER.G
86.	720912114090	SURESH KUMAR.C.S
87.	720912114091	TAMILARASAN.M
88.	720912114092	VELKUMAR.M
89.	720912114093	VETRIVEL.T
90.	720912114094	VIBIN K.C
91.	720912114095	VIGNESH.K.S
92.	720912114096	VIGNESH.S
93.	720912114097	VIGNESH.S

94.	720912114098	VIJAY.M
95.	720912114100	VINAYADAS.K.P
96.	720912114101	VINOTH KUMAR.R
97.	720912114102	VISHNU.M
98.	720912114103	VISHNU.R
99.	720912114104	VISHWAJEET KUMAR SINGH
100.	720912114105	VIVEK.V
101.	720912114301	ANISH.V
102.	720912114302	DHANAGOPAL.K
103.	720912114303	GOKUL KRISHNAN.S.S
104.	720912114304	HABY R MANGALAM
105.	720912114305	KARTHI.R
106.	720912114306	KARTHIK.S
107.	720912114307	MUZAMMIL HAQUE.K.M
108.	720912114308	NAGALINGAM.R
109.	720912114309	NAMBURAJAN A
110.	720912114310	NIDHIN P
111.	720912114311	PRINCE P
112.	720912114312	SATHEESH K
113.	720912114313	SATHEESH KUMAR M
114.	720912114314	SEJEER K
115.	720912114315	SENTHIL KUMAR R
116.	720912114316	SIVAKUMAR V
117.	720912114317	SOUNTHARARAJAN P
118.	720912114318	SREEJITH S
119.	720912114319	SUHAIB K P
120.	720912114320	THEJUS K A
121.	720912114321	VANARAJA M
122.	720912114322	VIJAYAKUMAR.V
123.	720912114323	VIJAY ANAND R
124.	720912114324	VINOTH KUMAR M
125.	720912114325	VISHNU GIRI G
126.	720912114326	YOGAMANI S
127.	720912114711	NITHISH.N

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY, PICHANUR, COIMBATORE

DEPARTMENT OF MECHANICAL ENGINEERING

III YEAR-NAME LIST

Sheet metal 3D Design and Detailing

S.No	Reg no	Name of the Student	1	2	3	4	5	6	7	8	9	10
1.	720912114001	ABHIJITH.S										
2.	720912114002	ABINDAS.R										
3.	720912114003	AJO JOSE										
4.	720912114004	ALAGUSUNDHARA PANDI.S										
5.	720912114005	ALBIN POULOSE										
6.	720912114006	ALEX PANDI.P										
7.	720912114007	ALWIN .B.NELLIKUZHY										
8.	720912114008	AMAL ISSAC										
9.	720912114009	ANAND.T										
10	720912114010	ANAS.M.V										
11	720912114011	ANBARASAN.A										
12	720912114012	ANKITH.S										
13	720912114013	ANTO.B.THOMAS										
14	720912114014	ANURENJ.K										
15	720912114015	ARAVINTHASAMY.A										
16	720912114016	ARUN B.K										
17	720912114017	ARUN KUMAR.M										
18	720912114018	ASHOK.P										
19	720912114019	AYAS MOHIDEEN BAVA.A										
20	720912114020	BALAMURUGAN.L										
21	720912114022	BIJU.C										
22	720912114023	BOOPATHI.M										
23	720912114024	DEEPAK.P										
24	720912114025	DEEPAK SHANKAR.K										
25	720912114026	DINESH RAJ.S										
26	720912114027	FAHIM FAROOK										
27	720912114028	FEBIN JOY										
28	720912114030	GAJENDRAN.M										
29	720912114031	GIRIDHAR.V.P										
30	720912114032	GOVINDAN.R										
31	720912114033	GOWSIK.D										
32	720912114033	GOWSIK.D										
33	720912114034	HARIRAM.S										
34	720912114035	HARIS MOHAMMED.H										
35	720912114036	JAGADEESWARAN.J										
36	720912114037	JESTIN JOSEPH										
37	720912114038	JIBIN.P.G										
38	720912114039	JISHNU.K										
39	720912114040	KALAIVANAN.M										

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40	720912114041	KAPIL DAS				a								
41	720912114042	KARTHICK.K												
42	720912114043	KESAVAN.R				a								
43	720912114044	KUMAR.P						a		a				
44	720912114045	MAHENDRAN.M												
45	720912114046	MANIKANDAN.S			a									
46	720912114047	MARI SELVAM.P						a						
47	720912114047	MARI SELVAM.P			a					a				
48	720912114048	MOHAMMED MANZOOR.NP							a					
49	720912114049	MOHAMMED SHAJIN SHARAF			a									
50	720912114050	MOHAMMED YASIN.A												
51	720912114051	MOHAN.B						a	a					
52	720912114052	MURALI KUMAR.N												
53	720912114053	MURALI MANOHARAN.S			a					a				
54	720912114054	MURUGAN.K	a											
55	720912114055	MUTHAIAH.M						a						
56	720912114056	MUTHU KARTHICK.V		a										
57	720912114057	MUTHU PANDI.S												
58	720912114058	NAGARAJ.P								a				
59	720912114059	NAVAS MOHAMMED.T.V						a						
60	720912114061	NITHIN RAJ A			a									
61	720912114062	PASUPATHI.V							a					
62	720912114063	PETCHI DEEPAN.V				a								
63	720912114064	PIRUTHVI.SA	a							a				
64	720912114065	PRAKASH.S												
65	720912114066	PRANESH.M			a				a					
66	720912114067	PRASANTH.M.V	a											
67	720912114068	PRAVEENKUMAR.M						a						
68	720912114069	PRAVEENKUMAR.M				a								a
69	720912114070	RAHUL.V.DEV												
70	720912114071	RAJA GANESH.M				a								
71	720912114072	RAJA PRIYAN.R		a										
72	720912114073	RAVI KUMAR .R						a						a
73	720912114074	RICHARD JERMIAH.S												
74	720912114075	RINUF.N				a								a
75	720912114076	ROHITH.T								a				
76	720912114077	ROSHAN PETER				a								
77	720912114078	SANTHOSH KUMAR.V							a					
78	720912114079	SARAN SINGH.K								a				
79	720912114080	SENTHAMIL KUMARAN.M			a			a						
80	720912114081	SENTHILATHIBAN.T							a					
81	720912114082	SENTHIL RAJA.M												
82	720912114086	SIBINRAJ.R					a			a				
83	720912114087	SOORAJ.U	a			a								
84	720912114088	SUDHAGAR.K		a										
85	720912114089	SURENDHER.G							a					
86	720912114090	SURESH KUMAR.C.S												a

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87	720912114091	TAMILARASAN.M	a												
88	720912114092	VELKUMAR.M				a									
89	720912114093	VETRIVEL.T			a										
90	720912114094	VIBIN K.C					a								
91	720912114095	VIGNESH.K.S			a										
92	720912114096	VIGNESH.S							a						
93	720912114097	VIGNESH.S													
94	720912114098	VIJAY.M			a			a							
95	720912114100	VINAYADAS.K.P													
96	720912114101	VINOTH KUMAR.R					a								
97	720912114102	VISHNU.M													
98	720912114103	VISHNU.R													a
99	720912114104	VISHWAJEET KUMAR SINGH						a							
10	720912114105	VIVEK.V		a											
10	720912114301	ANISH.V					a								
10	720912114302	DHANAGOPAL.K								a					
10	720912114303	GOKUL KRISHNAN.S.S	a												
10	720912114304	HABY R MANGALAM		a											
10	720912114305	KARTHI.R						a							
10	720912114306	KARTHIK.S	a												
10	720912114307	MUZAMMIL HAQUE.K.M													a
10	720912114308	NAGALINGAM.R				a									
10	720912114309	NAMBURAJAN A													
11	720912114310	NIDHIN P								a					
11	720912114311	PRINCE P				a									
11	720912114312	SATHEESH K													a
11	720912114313	SATHEESH KUMAR M	a						a						
11	720912114314	SEJEER K			a										
11	720912114315	SENTHIL KUMAR R													
11	720912114316	SIVAKUMAR V					a				a				
11	720912114317	SOUNTHARARAJAN P		a											
11	720912114318	SREEJITH S													
11	720912114319	SUHAIB K P			a					a					
12	720912114320	THEJUS K A													
12	720912114321	VANARAJA M			a										
12	720912114322	VIJAYAKUMAR.V								a					
12	720912114323	VIJAY ANAND R			a										
12	720912114324	VINOTH KUMAR M						a		a					
12	720912114325	VISHNU GIRI G	a												
12	720912114326	YOGAMANI S													
12	720912114711	NITHISH.N			a										

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Coimbatore- 641 105

Department Of Mechanical Engineering

SHEET METAL 3D DESIGN AND DETAILING

Course content

Introduction, Sheet Metal Design Components, Designing Base Flange, Feature Manager Design tree of a Sheet Metal Component Creating the Edge Flange, Tabs, Sketched Bend ,Creating the Miter Flange, Closed Corners, Creating Hems, Jog Bend, Breaking the Corners ,Cuts on the Planar Faces of the Sheet Metal Components, Lofted Bends, Flat Pattern View of the Sheet Metal Components, Sheet Metal Components from a Flat Sheet, Sheet Metal Component From a Flat Part, Creating a Sheet Metal Component By Designing it as a Part Types of Bends, Converting a Solid Body into a Sheet Metal Part Ripping the Edges, Cuts in Sheet Metal Components Across the Bends, Cuts in a Sheet Metal Component Created from a Solid Model, Cuts in a Sheet Metal Component Created Using the Base Flange, Cylindrical and Conical Sheet Metal Components

JCT College Of Engineering And Technology, Pichanur

Coimbatore- 641 105

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE COURSEOnSHEET METAL 3D DESIGN AND DETAILING

FEED BACK FROM STUDENTS

Name : Thanagopal. K

Date: 9/2/2015

Kindly put (V) mark

	Poor	Average	Good	Excellent/ Useful
Overall Verdict			✓	
Training Structure			✓	
Training Content				✓
Quality of Handouts				✓
Session Length			✓	
Venue			✓	

What did you like about the course?

extremely helpful

What do you think could be improved?

Training Aids are to much more improved

Outline 3 things that you will take with you/have learnt in this session

Flange, Bends, Sheet metal design, applications

Do you have any suggestions for new sessions?

Session length increase

CHANTHRU.N

Design engineer,Max CADD at training centre

Coimbatore Area, India

B.E-Mechanical Engineering, Kumaraguru Engineering College, Coimbatore

Skills and Endorsement

- Pro Engineer
- Unigraphics
- CATIA

Interest

- Development professionals
- Software and Technology profession
- CodissiaCoimbatore dist

Industry knowledge

- Cad
  product design
- Sheet metal
- Modeling
- Design for manufacturing

Tools and Technologies

- AutoCAD
- Auto CAD Mechanical
- MS Project
- Solid works
- Inventor

Other skills

- Solid modelling
- Design Engineering

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P.GOPINATH

B.E-Mechanical Engineering,

Tamilnadu College of Engineering

Design Engineer, Max CADD at Training Centre

Coimbatore Area, India

Interested in

- Reverse Engineering,
- Meshing,
- Product Design,
- 3D Modelling and Drafting

Highlights:

- Extensive knowledge of numerous software applications and operating systems used by businesses, including spread sheets, office programmes, Excel, database systems and cloud based systems.
- Strong organisational and time management skills
- Excellent verbal and written communication skills
- Good ability to communicate technical information in layman's terms
- Strong and engaging presentations skills
- Hands-on approach and encourages audience participation
- Understanding of good training and education principles
- Able to easily convey information to make it easy to pick up

Hobby

- Watching Cricket
- Riding

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Certification of Completion

This Certificate is awarded

to **ABHIJITH.S**

from **Department of Mechanical Engineering**

of **JCT College of Engineering and Technology, Cbe**

for completing training course on

Sheet Metal 3D Design and Detailing

conducted by MaxCADD, Cbe

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Director MaxCADD	College Principal	10/ 03/ 2015
		Date

H.O: Gandhipuram, Coimbatore.
0422-4204532, maxcadd.cbe@gmail.com

This training program is developed by MaxCADD.
To develop in-depth knowledge in sheet metal design.
All training programs are conducted by trained faculties of MaxCADD.

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of **JCT College of Engineering and Technology, Cbe**

for completing training course on

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10/ 03/ 2015
Date

Director MaxCADD
H.O: Gandhipuram, Coimbatore.
0422-4204532, maxcadd.cbe@gmail.com

College Principal

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from **Department of Mechanical Engineering**

of **JCT College of Engineering and Technology, Cbe**

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Director MaxCADD

College Principal

10/ 03/ 2015
Date

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from **Department of Mechanical Engineering**

of **JCT College of Engineering and Technology, Cbe**

for completing training course on

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Certification of Completion

This Certificate is awarded

to ALBIN

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of **JCT College of Engineering and Technology, Cbe**

for completing training course on

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conducted by MaxCADD, Cbe

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10/ 03/ 2015
Date

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GRADESHEET FOR SHEET METAL 3D DESIGN AND DETAILING

CANDIDATES DETAILS

Mr. /Ms. /Mrs. : ALBIN POULOSE
Course Name : SHEET METAL 3D DESIGN AND DETAILING
Duration : 45 hours
Study Centre : JCT College of Engineering and Technology

Your performance in the examination is as below:

Exam	Full Marks	Pass Marks	Marks Obtained
Written	100	40	75
Assignment/ Project	100	40	82
Viva	100	40	78

Performance	Excellent	Very Good	Good	Satisfactory	Failure
Mark Range	85%- 100%	75%-84%	60%-74%	40%-59%	Below 40%

Overall Percentage:	78.33	Performance:	VERY GOOD

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Date of issue :10/03/2015

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GRADE SHEET / RESULT SHEET

CANDIDATE'S DETAILS

Mr. /Ms. /Mrs. : ABHIJITH.S
Course Name : SHEET METAL 3D DESIGN AND DETAILING
Duration : 45 hours
Study Centre : JCT College of Engineering and Technology

Your performance in the examination is as below:

Exam	Full Marks	Pass Marks	Marks Obtained
Written	100	40	85
Assignment/ Project	100	40	80
Viva	100	40	80

Performance	Excellent	Very Good	Good	Satisfactory	Failure
Mark Range	85%- 100%	75%-84%	60%-74%	40%-59%	Below 40%

Overall Percentage:	81.6	Performance:	VERY GOOD

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Date of issue :10/03/2015

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GRADESHEET/RESULT SHEET

CANDIDATES DETAILS

Mr. /Ms. /Mrs. : ALAGUSUNDHARA PANDI.S
Course Name : SHEET METAL 3D DESIGN AND DETAILING
Duration : 45 hours
Study Centre : JCT College of Engineering and Technology

Your performance in the examination is as below:

Exam	Full Marks	Pass Marks	Marks Obtained
Written	100	40	78
Assignment/ Project	100	40	64
Viva	100	40	72

Performance	Excellent	Very Good	Good	Satisfactory	Failure
Mark Range	85%- 100%	75%-84%	60%-74%	40%-59%	Below 40%

Overall Percentage:	71.33	Performance:	GOOD

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Date of issue :10/03/2015

certificate

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ABINDAS.R

Test Question papers

Total hours: Time: 90 min
Max Marks: 50

13 ✓
2 ×
80 %

PART-A (Multiple choice question) (15x1=15)

1. The Press-Pull tools will _____ the face of a solid model in the direction it faces.
   A. Taper
   B. Extrude
   C. spiral
   D. None of the above
2. The View toolbar will position the view of the 3-D solid toward the _____.
   A. front
   B. left side
   C. SE isometric
   D. all of the above
3. The Free Orbit tool is found on the _____ toolbar.
   A. rotate
   B. move
   C. modify
   D. 3-D Move
4. The default position of the UCS icon is positioned at _____ on the AutoCAD grid.
   A. 0, 0, 0
   B. 10, 10, 10
   C. 20, 20, 20
   D. None of the above
5. A cylinder can be created by drawing a rectangular shape then the _____ tool.
   A. Revolve
   B. Sweep
   C. Extrude
   D. none of the above
6. The MASSPROP shortcut will provide the following information.
   A. mass
   B. volume
   C. bounding box
   D. all of the above
7. The 3-D commands on the Modelling toolbar include _____.
   A. box
   B. sphere
   C. extrude
   D. all of the above

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8. CAD programs which incorporate parametric modeling utilize a system in which the dimensions control the _____.

   A. size and shape of the model features
   B. perspective of the model
   C. shading used to render the model
   D. all of the above

9. In order to create one solid model from two or more separate solid shapes the drafter will need to position them and then _____.

   A. use Union to join them
   B. use the Join command
   C. use the Add Parts tool
   D. none of the above

10. The Conceptual Visual Style tool is located on the _____ toolbar.

   A. Visual Styles
   B. Modify
   C. 3-D Modeling
   D. All of the above

11. The abbreviation WCS stands for _____

   a) Windows Coordinate System
   b) Wide Coordinate system
   c) World Coordinate System
   d) World CAD system

12. Which type of coordinate system is used in AutoCAD?

   a) 2-Dimensional
   b) 3-Dimensional
   c) 1-Dimensional
   d) User dependent

13. Origin of User Coordinate System _____

   a) must coincide with WCS
   b) at the left lower corner of drawing area
   c) at the center of drawing area
   d) can be anywhere in the WCS

14. When working with User Coordinate System display of square of an icon can be put ON or OFF using _____

   a) UCSICON command
   b) UCS command
   c) Double click on axes
   d) VIEW command

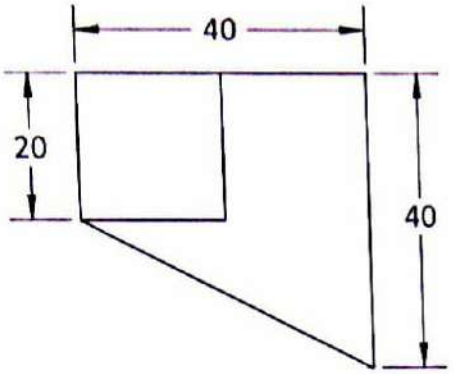
15. It is difficult to pick a point exactly and quickly with the mouse. In order to allow specifying a point exactly, which of the following command will help?

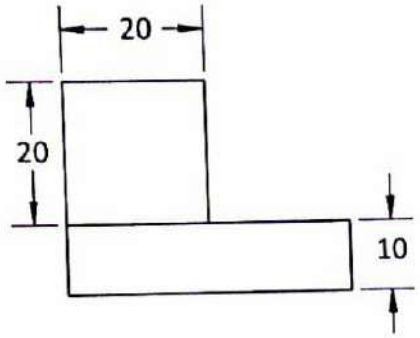
   a) Grid
   b) Ortho
   c) Snap
   d) OSNAP

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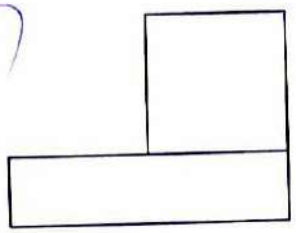
Part-B

(2).**Assemble the Given Drawing (1x30=30marks)**





Output Verified



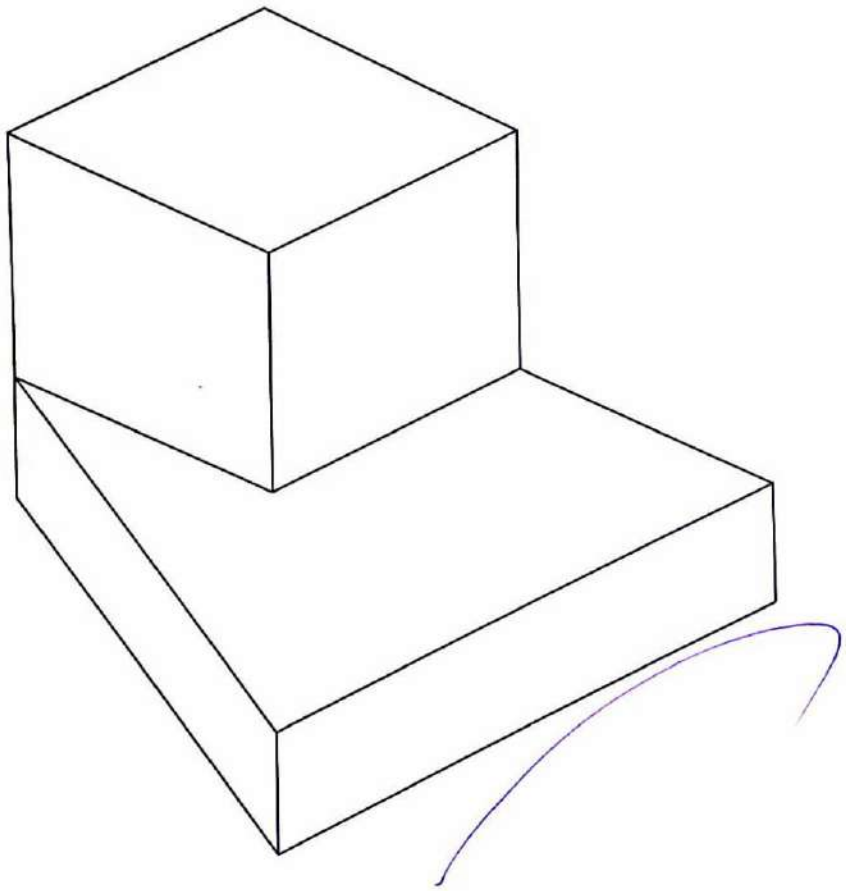
3. **Viva voce** (5 marks)

84/100

256/300

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Answer



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