ACEDEMIC YEAR

2015-2016

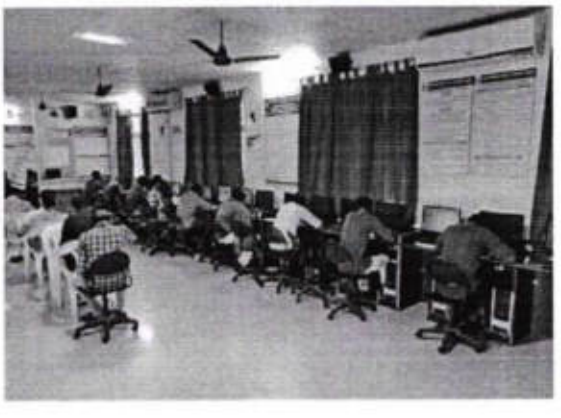
KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504
Approved by AICTE, Affiliated to Anna University, Chennai.

Report of Program / Event Conducted

Name of the Program / Event		Solid Modeling (Level-2) using CATIA software	
Resource Person details		Mr.A.Chandra Kumar Assistant Professor, Dept. of Mechanical Engg. KIOT	
Organizing Dept. / Cell	Mechanical	Details of Participant	IV Students= 65
Date, Time and Venue	13.07.2015 – 25.07.2015 COE – CRCPDT, A-Block, KIOT.		

Description of the program

1. He discussed about 3 features of CATIA software. It contains CATIA Advanced level.
2. He explained about drafting and detailing, generative sheet metal design and generative shape design. .
3. Also he explained about Geometric Dimensioning and Tolerancing (GD&T). He shared his personal experiences and difficulties he faced in his Industrial Career.



Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

From

Dr.H.Abdul Zubar,
Associate Professor,
Department of Mechanical Engineering,
Knowledge Institute of Technology,
Salem.

To

The Principal,
Knowledge Institute of Technology,
Salem .

Permitted

Through: Head of the Department, Department of Mechanical Engineering

Respected Sir,

Sub: Certification Course conduction–regarding

Composite research Centre for Product Design, Digital Manufacturing and Technical Documentation (CRCPDT) and Designers club is jointly organizing Solid Modeling (Level-2) using CATIA software. In this regard, I request your permission to execute the certificate course for Mechanical Engineering students.

Thanking You

Salem

02.07.2015

Yours Faithfully

Dr.H.Abdul Zubar

Forwarded to the Principal

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504			
CIRCULAR			
Circular No.		**Date**	**02.07.2015**
To	IV-Year students		
Subject	Solid Modeling (Level-2) using CATIA software		

This is to inform you that Center of Excellence – Composite Research Centre for Product Design, Digital Manufacturing and Technical Documentation (CRCPDT) & Designers Club has planned to conduct CATIA course for IV year students. Interested candidates are requested to register their names to COE Incharge.

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	RESOURCE PERSON
1	Solid Modeling (Level-2) using CATIA software	COE – CRCPDT, A-Block, KIOT. 13.07.2015 – 25.07.2015	Mr.A.Chandra kumar AP Mechanical Engg. KIOT

For Further Details Kindly Contact: Mr.A.Chandrakumar, AP/Mech, Faculty Incharge, COE-CRCPDT. M:+91 8754830087

Faculty I/c **HOD** **PRINCIPAL**

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Cetificate Course
on
Solid Modeling (Level-2)
using CATIA software

11.07.2016 to 23.07.2016

Organized by

Department of Mechanical Engineering

KNOWLEDGE
INSTITUTE OF TECHNOLOGY

KIOT campus, Kakapalayam (PO), Salem-637 504.
Tamil Nadu, India.
www.kiot.ac.in

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About KIOT

Knowledge Institute of Technology (KIOT) is a brain-child of 22 eminent professors from leading engineering colleges and 20 first generation entrepreneurs with a vision to build our nation through quality education. KIOT was established in 2009 with noble vision and mission of Dr.PSS.Srinivasan, who is leading this institution. He has a total of 26 years experience in teaching and research, supervised 14 Ph.Ds, supervising 2 Ph.D. scholars, and published over 200 research articles in International and National forums.

Vision of KIOT is to become one among the top 500 best universities in the world by 2035. KIOT has emerged as one among the best in class institutions in our region and performing in all the domain such as Academics, Research, Consultancy works and Training and Placement within a short span of 8 years. As a proven record, in the year 2016-17, based on single window system by Anna University, KIOT counselling seats were filled in second position in salem district and one among top 5 in the region. KIOT has a placement record of more than 90% students' placement before leaving the campus in the last three years. The institute has a team of 215 dedicated faculty members. 17 faculty with Ph.D, and 25 faculty pursuing their research. Knowledge Business School Salem (KBSS) is the sister institution situated in the same KIOT Campus, which offers best in class MBA programme.

About the Department

Vision: To create competent and industry relevant Mechanical Engineers with professional and social values to meet global challenges.

Mission:

- Enabling environment for effective teaching - learning and research to meet global challenges.
- Motivating students to pursue higher education and to excel in competitive examinations and entrepreneurship.
- Establish a continuous Industry Institute Interaction to make the students employable.
- Inculcate the students leadership quality with ethical values and spirit of team work.

Department of Mechanical Engineering is one of the vibrant departments of KIOT, which offers B.E Mechanical Engineering and M.E Industrial Safety Engineering.The Department is rich in term of faculty members with an average teaching experience of 9 years and research exposure of 4 years. The Department has a team of 53 dedicated members of faculty, 6 with Ph.D and 6 pursuing their research. The Department has established industrial collaborative research centres with Harita Techserv Pvt., Ltd., Bahwan CyberTek Pvt., Ltd., Seven Standards Industrial Solution Pvt., Ltd., and IAPMO (International Association of Plumbing and Mechanical Officials)

SYLLABUS

1.Introduction to CATIA V5

Introduction About CATIA V5, History of CATIA, CATIA modeling process, Parametric design concept, feature based design, About

PLM, CATIA Features, SKETCHER, Creating the new part.

2.SKETCHER WORKBENCH

Basic sketch. Sketch in task environment. Selection tools. Profile, Predefined shapes. Circles, Spline, Conics, Line, Points, Operations. Corner, Chamfer, Projections. Transformations.

Constrains, Constrain dialogue box, Constrains, Fix together, Animate constrain, Edit multi constrain, Sketch tools, Grid, Snap on grid, Construction. Geometrical constrains, Dimensional constrains., Sketch analysis Visualization tools, View tool bar, Workbench.

3.PART MODELING

Sketch based features Pad, Multipad, Drafted filleted pad. Pocket, Multipocket, Drafted filleted pocket Shafts, groove Holes Rib, Slots Solid combine, Stiffner.

Multi section solid, Multi section solid removal Edit Geometry. Parent child relationship, copy & paste features, Dress up features -Edge fillet, Variable radius fillet, Face to face fillet, Tri tangent fillet Chamfer Drafts.

Drafted reflected line, Variable angle draft Shell feature. Thicken Thread, Remove face. Replace face Transformation Features- Translation, Rotation, Symmetry, Axis to axis Mirror, Pattern-Rectangular.

Circular, User defined Design table, Power copy, Functions and relations, Catalog Scaling-Scale, Affinity Reference elements- Point, Axis, Planes, Boolean operations- Assemble, Add, Remove, Intersect, Union trim.

4. ASSEMBLY DESIGN

Introduction on assembly Assembly approaches-Top down assembly. Bottom up assembly Product structure tools Component, Product, Part Existing component, Existing component with positioning Replace component.

Graph tree reordering, Generate numbering Fast multi installation, Define multi installation Move options Manipulations Snap, Smart move Explode Stop manipulation on clash Assembly constrains Coincident, Contact constrain, Offset.

Angular, parallel, Perpendicular, Fix together, Quick constrain, Change constrain, Reuse pattern Assembly Features Split, Hole, Pocket, Add, Remove Symmetry in assembly.

5. DRAFTING AND DETAILING

Introduction on drafting Standards, Templates in drafting Creating the drawing Views Front view, Unfolded view, Projections, Auxiliary view, Isometric view, Advanced front view Sections Detail view, Clipping view, Broken view, View creation wizard Dimensions Dimensions, Chained dimensions, Cumulated dimensions

Stacked dimensions. Distance, Angular, Radius, Diameter, Chamfer dimensions, Thread dimensions, Coordinate dimensions, Hole dimension table and coordinate dimension table Dimension edition, Datum feature, Geometric tolerance Annotations Text, Text with leader, Balloon, Datum target, Text template replacement Symbols and Table creation Dress up Centre line. Area fill creations. Arrow Geometry creation Points, Lines, Circle and Ellipse, Profiles, Curves tools, Transformation tools, Constrains Generation Generate dimensions, Generate balloons, Bill of material generation Saving and Formats.

6. GENERATIVE SHEET METAL DESIGN

Introduction about sheet metal design Sheet metal parameters Walls-Wall, wall on edge, Extrusion Flange, Hem, Tear drop, User flange Recognize tool Rolled wall Hopper.

Free form surface, Rolled wall Bending Bend, Conical bend Bend from flat, Folding, Unfolding Point or curve mapping Cutting and stamping Pocket.

Hole, Circular cutout, corner relief, Fillet, Chamfer.

7. GENERATIVE SHAPE DESIGN

Wireframe Points, Points and plane repetition, Extemum and Extemum polar Line, Axis, Polyline Planes Projection.

Combine, Reflect line, Silhouette Parallel curve, Rolling offset, 3D offset Circle, and Corner. Connect curve, Conic Spline, Helix, Spiral, Curve from plane, Contour, Revolve, Sphere, Cylinder

Isoparametric curve Surfaces Extrude, Offset surfaces Sweeps and adaptive sweep Fill surfaces, Multisection surface. Blend surface Operations Join Split and Trim Extracts Shape fillets Chamfer Translate Extrapolate BIW templates Advance surfacing.

For Registration Kindly Contact:

Mr.J.Prakash, AP/Mech,

Faculty Incharge,COE-CRCPDT.

M:+91 9789565007, Mail:jpmech@kiot.ac.in

KNOWLEDGE INSTITUTE OF TECHNOLOGY Department of Mechanical Engineering Course Plan			
Name of the COE	Composite Research Centre for Product Design, Digital Manufacturing and Technical Documentation (CRCPDT)		
Name of the Course	CATIA V5		
Solid Modeling (Level-1) using CATIA software	04	Number of Hours	32 hours
Solid Modeling (Level-1) using CATIA software	03	Number of Hours	32 hours

EXECUTION SCHEDULE

Module No.	Name of the Module	No. of Hours
1	Introduction to CATIA V5	02
2	Sketcher Workbench	06
3	Part Modeling	12
4	Assembly Design	12
5	Drafting and Detailing	08
6	Generative Sheet metal Design	12
7	Generative Shape Design	12

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Detailed Execution Plan

Name of the Course Module: 1.Introduction to CATIA V5

Duration: 02 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
1	Introduction About CATIA V5, History of CATIA, CATIA modeling process, Parametric design concept, feature based design. About PLM, CATIA Features, SKETCHER, Creating the new part.	1	1	-	Day 1

Detailed Execution Plan

Name of the Course Module: 2.SKETCHER WORKBENCH

Duration: 06

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
2.1	Basic sketch, Sketch in task environment, Selection tools, Profile, Predefined shapes, Circles, Spline, Conics, Line, Points, Operations, Corner, Chamfer, Projections, Transformations.	1	2	-	Day 2
2.2	Constrains, Constrain dialogue box, Constrains, Fix together, Animate constrain, Edit multi constrain, Sketch tools, Grid, Snap on grid, Construction. Geometrical constrains, Dimensional constrains., Sketch analysis Visualization tools, View tool bar, Workbench.	1	2	-	Day 3

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Detailed Execution Plan

Name of the Course Module: 3.PART MODELING

Duration: 12

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
3.1	Sketch based features Pad, Multipad, Drafted filleted pad. Pocket, Multipocket, Drafted filleted pocket Shafts, groove Holes Rib, Slots Solid combine, Stiffner.	1	2	-	Day 4
3.2	Multi section solid, Multi section solid removal Edit Geometry, Parent child relationship, copy & paste features, Dress up features -Edge fillet, Variable radius fillet, Face to face fillet, Tri tangent fillet Chamfer Drafts.	1	2		Day 5
3.3	Drafted reflected line, Variable angle draft Shell feature, Thicken Thread, Remove face, Replace face Transformation Features- Translation, Rotation, Symmetry, Axis to axis Mirror, Pattern- Rectangular.	1	2	-	Day 6
3.4	Circular, User defined Design table, Power copy, Functions and relations, Catalog Scaling- Scale, Affinity Reference elements- Point, Axis, Planes, Boolean operations- Assemble, Add, Remove, Intersect, Union trim.	1	2	-	Day 7

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Detailed Execution Plan

Name of the Course Module: 4. Assembly Design

Duration: 12

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
4.1	Introduction on assembly Assembly approaches-Top down assembly, Bottom up assembly Product structure tools Component, Product, Part Existing component, Existing component with positioning Replace component.	1	2	-	Day 8
4.2	Graph tree reordering, Generate numbering Fast multi installation, Define multi installation Move options Manipulations Snap	1	2	-	Day 9
4.3	Smart move Explode Stop manipulation on clash Assembly constrains Coincident, Contact constrain, Offset. Angular, parallel, Perpendicular, Fix together, Quick constrain, Change constrain,	1	2	-	Day 10
4.4	Reuse pattern Assembly Features Split, Hole, Pocket, Add, Remove Symmetry in assembly.	1	2		Day 11

Detailed Execution Plan

Name of the Course Module: 5. Drafting and Detailing

Duration: 08

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
	Introduction on drafting Standards, Templates in drafting Creating the drawing Views Front view, Unfolded view, Projections, Auxiliary view, Isometric view,	1	1	-	Day 1

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5.1	Advanced front view Sections Detail view, Clipping view, Broken view, View creation wizard Dimensions Dimensions, Chained dimensions, Cumulated dimensions.				
5.2	Stacked dimensions, Distance, Angular, Radius, Diameter, Chamfer dimensions, Thread dimensions, Coordinate dimensions, Hole dimension table and coordinate dimension table Dimension edition, Datum feature	1	2	-	Day 2
5.3	Geometric tolerance Annotations Text, Text with leader, Balloon, Datum target, Text template replacement Symbols and Table creation Dress up Centre line. Area fill creations, Arrow Geometry creation Points, Lines, Circle and Ellipse, Profiles, Curves tools, Transformation tools, Constrains Generation Generate dimensions, Generate balloons, Bill of material generation Saving and Formats.	1	2	-	Day 3

Detailed Execution Plan

Name of the Course Module: 6. Generative Sheet metal Design

Duration: 12

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
6.1	Introduction about sheet metal design Sheet metal parameters Walls-Wall, wall on edge	1	2	-	Day 4
6.2	Extrusion Flange, Hem, Tear drop, User flange Recognize tool Rolled wall Hopper. Free form surface	1	2	-	Day 5

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6.3	Rolled wall Bending Bend, Conical bend Bend from flat, Folding, Unfolding Point	1	2	-	Day 6
6.4	Curve mapping Cutting and stamping Pocket Hole, Circular cutout, corner relief, Fillet, Chamfer.	1	2	-	Day 7

Detailed Execution Plan

Name of the Course Module: 7. Generative Shape Design

Duration: 12

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
7.1	Wireframe Points, Points and plane repetition, Extemum and Extemum polar Line, Axis, Polyline Planes Projection.	1	2	-	Day 8
7.2	Combine, Reflect line, Silhouette Parallel curve, Rolling offset, 3D offset Circle, and Corner. Connect curve, Conic Spline, Helix, Spiral, Curve from plane, Contour, Revolve, Sphere, Cylinder	1	2	-	Day 9
7.3	Isoparametric curve Surfaces Extrude, Offset surfaces Sweeps and adaptive sweep Fill surfaces, Multisection surface.	1	2	-	Day 10
7.4	Blend surface Operations Join Split and Trim Extracts Shape fillets Chamfer Translate Extrapolate BIW templates Advance surfacing.	1	2		Day 11

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DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-2) USING CATIA SOFTWARE
NAME LIST

S.NO	SEC	REG. NO	NAME	YEAR	Remarks
1	C	611212114003	ANBAZHAGAN.A	IV/VII	
2	A	611212114005	ARAVIND.K	IV/VII	
3	C	611212114007	ARUN CHOLARAJAN.M	IV/VII	
4	A	611212114008	ARUN KUMAR.A	IV/VII	
5	A	611212114009	ARUN KUMAR.R	IV/VII	
6	B	611212114011	ARUNKUMAR.P	IV/VII	
7	B	611212114013	ARUN PRASATH.G	IV/VII	
8	A	611212114014	ASHOK KUMAR.K	IV/VII	
9	C	611212114015	AZHAGESAN.S	IV/VII	
10	B	611212114016	BABU.S	IV/VII	
11	A	611212114017	BALACHANDER.K	IV/VII	
12	A	611212114018	BALAJI.D	IV/VII	
13	B	611212114019	BALAJI.T	IV/VII	
14	B	611212114020	BALAJI.V	IV/VII	
15	B	611212114022	BOOBALAN.M	IV/VII	
16	B	611212114023	BOOPAL.M	IV/VII	
17	B	611212114024	DANESH KUMAR. E	IV/VII	
18	C	611212114025	DEEPANCHAKRAVARTHI.R	IV/VII	
19	C	611212114026	DEEPAN CHAKRAVARTHI.S	IV/VII	
20	A	611212114030	DHIVAGAR.C	IV/VII	
21	A	611212114031	DINESH.J	IV/VII	
22	B	611212114032	DINESH KUMAR.S	IV/VII	
23	A	611212114034	DIWAHARSARAVANAN.K	IV/VII	
24	C	611212114036	ELANGO.K	IV/VII	
25	B	611212114041	GOKUL RAJAN.V	IV/VII	
26	A	611212114042	GOPALA KRISHNAN.A	IV/VII	
27	A	611212114048	GOWTHAMRAJ.K	IV/VII	
28	B	611212114050	JAWAHAR.B	IV/VII	
29	A	611212114054	JEEVANANTHAM.P	IV/VII	
30	C	611212114057	KARTHICK.P	IV/VII	
31	B	611212114080	MANOJKUMAR.K	IV/VII	
32	C	611212114081	MAYILSAMY.A	IV/VII	
33	A	611212114083	MOHAMADYUSUF.K	IV/VII	
34	A	611212114089	NANDHAKUMAR.R	IV/VII	
35	B	611212114094	NAVEEN.M	IV/VII	
36	B	611212114098	NAVEETH IMRAN.J	IV/VII	
37	B	611212114099	NIRMALKUMAR.R	IV/VII	
38	A	611212114102	PRABHAKARAN.S	IV/VII	
39	C	611212114104	PRABU.K	IV/VII	
40	A	611212114108	PRAKASH RAJ.G	IV/VII	

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S.NO	SEC	REG. NO	NAME	YEAR	Remarks
41	B	611212114112	PREMKUMAR.T	IV/VII	
42	B	611212114114	RAGHUL.J	IV/VII	
43	C	611212114126	SABARISHKUMAR.R	IV/VII	
44	C	611212114132	SARAVANAKANNAN.M	IV/VII	
45	B	611212114134	SATHESHKUMAR.A	IV/VII	
46	A	611212114136	SATHISHKUMAR.M	IV/VII	
47	A	611212114138	SEENIVASAN.S	IV/VII	
48	B	611212114149	SURENDHAR.R	IV/VII	
49	C	611212114151	SUTHARSAN.P	IV/VII	
50	B	611212114152	TAMILARASAN.K	IV/VII	
51	C	611212114153	TAMILARASAN.S	IV/VII	
52	B	611212114154	THAMARAI SELVAN.A	IV/VII	
53	A	611212114155	THIYAGARAJAN.A	IV/VII	
54	A	611212114156	THIYAGARAJAN.P	IV/VII	
55	C	611212114157	THULASIMANI.G	IV/VII	
56	B	611212114158	VASANTHARAJ.G.P	IV/VII	
57	A	611212114159	VASUDEVAN.R	IV/VII	
58	C	611212114160	VASUDEVAN.V	IV/VII	
59	A	611212114161	VEERAPRAGADEESHWARAN.U	IV/VII	
60	B	611212114162	VENKATACHALAPATHY.G	IV/VII	
61	A	611212114163	VENKATESH.S	IV/VII	
62	A	611212114165	VIGNESH.P	IV/VII	
63	C	611212114305	MANI S	IV/VII	
64	C	611212114334	VIJAYATHANDAPANI G	IV/VII	
65	A	611212114702	YUVARAJ R	IV/VII	

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DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-2) USING CATIA SOFTWARE
TRAINING ATTENDANCE SHEET (13.07.2015 to 25.07.2015)

S.NO	SEC	REG. NO	NAME	YEAR	13.07.2015	14.07.2015	15.07.2015	16.07.2015	17.07.2015	20.07.2015
1	C	611212114003	ANBAZHAGAN.A	IV/VII	/	/	/	/	/	/
2	A	611212114005	ARAVIND.K	IV/VII	/	/	/	/	/	/
3	C	611212114007	ARUN CHOLARAJAN.M	IV/VII	/	/	/	/	/	/
4	A	611212114008	ARUN KUMAR.A	IV/VII	/	/	/	/	/	/
5	A	611212114009	ARUN KUMAR.R	IV/VII	a	/	/	/	/	/
6	B	611212114011	ARUNKUMAR.P	IV/VII	/	/	/	/	a	/
7	B	611212114013	ARUN PRASATH.G	IV/VII	/	/	/	/	/	/
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9	C	611212114015	AZHAGESAN.S	IV/VII	/	/	/	/	/	/
10	B	611212114016	BABU.S	IV/VII	/	/	/	/	/	/
11	A	611212114017	BALACHANDER.K	IV/VII	/	/	/	/	/	/
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18	C	611212114025	DEEPANCHAKRAVARTHI.R	IV/VII	/	/	/	/	/	/
19	C	611212114026	DEEPAN CHAKRAVARTHI.S	IV/VII	/	/	/	/	/	/
20	A	611212114030	DHIVAGAR.C	IV/VII	/	/	/	/	/	/
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22	B	611212114032	DINESH KUMAR.S	IV/VII	/	/	/	/	/	/
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25	B	611212114041	GOKUL RAJAN.V	IV/VII	/	/	/	/	/	/
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28	B	611212114050	JAWAHAR.B	IV/VII	/	/	/	/	/	/
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32	C	611212114081	MAYILSAMY.A	IV/VII	/	/	/	/	/	/
33	A	611212114083	MOHAMADYUSUF.K	IV/VII	/	/	/	/	/	/
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37	B	611212114099	NIRMALKUMAR.R	IV/VII	/	/	/	/	/	/
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S.NO	SEC	REG. NO	NAME	YEAR	13.07.2015	14.07.2015	15.07.2015	16.07.2015	17.07.2015	20.07.2015
41	B	611212114112	PREMKUMAR.T	IV/VII	/	/	/	/	/	/
42	B	611212114114	RAGHUL.J	IV/VII	/	/	/	/	/	/
43	C	611212114126	SABARISHKUMAR.R	IV/VII	/	/	/	/	/	/
44	C	611212114132	SARAVANAKANNAN.M	IV/VII	/	/	/	/	/	/
45	B	611212114134	SATHESHKUMAR.A	IV/VII	/	/	/	/	/	/
46	A	611212114136	SATHISHKUMAR.M	IV/VII	/	/	/	/	/	/
47	A	611212114138	SEENIVASAN.S	IV/VII	/	/	/	/	/	/
48	B	611212114149	SURENDHAR.R	IV/VII	/	/	/	/	/	/
49	C	611212114151	SUTHARSAN.P	IV/VII	/	/	/	/	/	/
50	B	611212114152	TAMILARASAN.K	IV/VII	/	/	/	/	/	/
51	C	611212114153	TAMILARASAN.S	IV/VII	/	a	/	/	/	/
52	B	611212114154	THAMARAI SELVAN.A	IV/VII	/	/	/	/	/	/
53	A	611212114155	THIYAGARAJAN.A	IV/VII	/	/	/	/	/	/
54	A	611212114156	THIYAGARAJAN.P	IV/VII	/	/	/	/	/	/
55	C	611212114157	THULASIMANI.G	IV/VII	/	/	/	/	/	/
56	B	611212114158	VASANTHARAJ.G.P	IV/VII	/	/	/	/	/	/
57	A	611212114159	VASUDEVAN.R	IV/VII	/	/	/	a	/	/
58	C	611212114160	VASUDEVAN.V	IV/VII	/	/	/	/	/	/
59	A	611212114161	VEERAPRAGADEESHWARAN.U	IV/VII	/	/	/	/	/	/
60	B	611212114162	VENKATACHALAPATHY.G	IV/VII	/	/	/	/	/	/
61	A	611212114163	VENKATESH.S	IV/VII	/	/	/	/	/	/
62	A	611212114165	VIGNESH.P	IV/VII	/	/	/	/	/	/
63	C	611212114305	MANI S	IV/VII	/	/	/	/	/	/
64	C	611212114334	VIJAYATHANDAPANI G	IV/VII	/	/	/	/	/	/
65	A	611212114702	YUVARAJ R	IV/VII	/	/	/	/	/	/
No. of Students Present										
No. of Students Absent										
Faculty Signature										

FACULTY INCHARGE

HOD MECHANICAL

PRINCIPAL
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-2) USING CATIA SOFTWARE
TRAINING ATTENDANCE SHEET (13.07.2015 to 25.07.2015)

S.NO	SEC	REG. NO	NAME	YEAR	21.07.2015	22.07.2015	23.07.2015	24.07.2015	25.07.2015
1	C	611212114003	ANBAZHAGAN.A	IV/VII	/	/	/	/	/
2	A	611212114005	ARAVIND.K	IV/VII	/	/	/	/	/
3	C	611212114007	ARUN CHOLARAJAN.M	IV/VII	/	/	/	/	/
4	A	611212114008	ARUN KUMAR.A	IV/VII	/	/	/	/	/
5	A	611212114009	ARUN KUMAR.R	IV/VII	/	/	/	/	/
6	B	611212114011	ARUNKUMAR.P	IV/VII	/	/	/	/	/
7	B	611212114013	ARUN PRASATH.G	IV/VII	/	/	/	/	/
8	A	611212114014	ASHOK KUMAR.K	IV/VII	/	/	/	/	/
9	C	611212114015	AZHAGESAN.S	IV/VII	/	/	/	/	/
10	B	611212114016	BABU.S	IV/VII	/	/	/	/	/
11	A	611212114017	BALACHANDER.K	IV/VII	/	/	/	/	/
12	A	611212114018	BALAJI.D	IV/VII	/	/	/	/	/
13	B	611212114019	BALAJI.T	IV/VII	a	/	/	/	/
14	B	611212114020	BALAJI.V	IV/VII	/	/	/	/	/
15	B	611212114022	BOOBALAN.M	IV/VII	/	/	/	/	/
16	B	611212114023	BOOPAL.M	IV/VII	/	/	/	/	/
17	B	611212114024	DANESH KUMAR. E	IV/VII	/	/	/	/	a
18	C	611212114025	DEEPANCHAKRAVARTHI.R	IV/VII	/	/	/	/	/
19	C	611212114026	DEEPAN CHAKRAVARTHI.S	IV/VII	/	/	/	/	/
20	A	611212114030	DHIVAGAR.C	IV/VII	/	/	/	/	/
21	A	611212114031	DINESH.J	IV/VII	a	/	/	/	/
22	B	611212114032	DINESH KUMAR.S	IV/VII	/	/	/	/	/
23	A	611212114034	DIWAHARSARAVANAN.K	IV/VII	/	/	/	/	/
24	C	611212114036	ELANGO.K	IV/VII	/	/	/	/	/
25	B	611212114041	GOKUL RAJAN.V	IV/VII	/	/	/	/	/
26	A	611212114042	GOPALA KRISHNAN.A	IV/VII	/	/	/	/	/
27	A	611212114048	GOWTHAMRAJ.K	IV/VII	/	/	/	/	/
28	B	611212114050	JAWAHAR.B	IV/VII	/	/	/	/	/
29	A	611212114054	JEEVANANTHAM.P	IV/VII	/	/	/	/	/
30	C	611212114057	KARTHICK.P	IV/VII	/	/	/	/	/
31	B	611212114080	MANOJKUMAR.K	IV/VII	/	/	/	/	/
32	C	611212114081	MAYILSAMY.A	IV/VII	/	/	/	/	/
33	A	611212114083	MOHAMADYUSUF.K	IV/VII	/	/	a	/	/
34	A	611212114089	NANDHAKUMAR.R	IV/VII	/	/	/	/	/
35	B	611212114094	NAVEEN.M	IV/VII	/	/	/	/	/
36	B	611212114098	NAVEETH IMRAN.J	IV/VII	/	/	/	/	/
37	B	611212114099	NIRMALKUMAR.R	IV/VII	/	/	/	a	/
38	A	611212114102	PRABHAKARAN.S	IV/VII	/	/	/	/	/
39	C	611212114104	PRABU.K	IV/VII	/	/	/	/	/
40	A	611212114108	PRAKASH RAJ.G	IV/VII	/	/	/	/	/

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S.NO	SEC	REG. NO	NAME	YEAR	21.07.2015	22.07.2015	23.07.2015	24.07.2015	25.07.2015
41	B	611212114112	PREMKUMAR.T	IV/VII	/	/	/	/	/
42	B	611212114114	RAGHUL.J	IV/VII	/	/	/	/	/
43	C	611212114126	SABARISHKUMAR.R	IV/VII	/	/	/	/	/
44	C	611212114132	SARAVANAKANNAN.M	IV/VII	/	/	/	/	/
45	B	611212114134	SATHESHKUMAR.A	IV/VII	/	/	/	/	/
46	A	611212114136	SATHISHKUMAR.M	IV/VII	/	/	/	/	/
47	A	611212114138	SEENIVASAN.S	IV/VII	/	/	/	/	/
48	B	611212114149	SURENDHAR.R	IV/VII	/	/	/	/	/
49	C	611212114151	SUTHARSAN.P	IV/VII	/	/	/	/	/
50	B	611212114152	TAMILARASAN.K	IV/VII	/	a	/	/	/
51	C	611212114153	TAMILARASAN.S	IV/VII	/	/	/	/	/
52	B	611212114154	THAMARAI SELVAN.A	IV/VII	/	/	/	/	/
53	A	611212114155	THIYAGARAJAN.A	IV/VII	/	/	/	/	/
54	A	611212114156	THIYAGARAJAN.P	IV/VII	/	/	/	/	/
55	C	611212114157	THULASIMANI.G	IV/VII	/	/	/	/	/
56	B	611212114158	VASANTHARAJ.G.P	IV/VII	/	/	/	/	/
57	A	611212114159	VASUDEVAN.R	IV/VII	/	/	/	/	/
58	C	611212114160	VASUDEVAN.V	IV/VII	/	/	/	a	/
59	A	611212114161	VEERAPRAGADEESHWARAN.U	IV/VII	/	/	/	/	/
60	B	611212114162	VENKATACHALAPATHY.G	IV/VII	/	/	/	/	/
61	A	611212114163	VENKATESH.S	IV/VII	/	/	/	/	/
62	A	611212114165	VIGNESH.P	IV/VII	/	/	/	/	/
63	C	611212114305	MANI S	IV/VII	/	/	/	/	/
64	C	611212114334	VIJAYATHANDAPANI G	IV/VII	/	/	/	/	/
65	A	611212114702	YUVARAJ R	IV/VII	/	/	/	/	/
No. of Students Present					65	64	64	63	64
No. of Students Absent					–	01	01	02	01
Faculty Signature									

FACULTY INCHARGE

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM

Department Of Mechanical Engineering

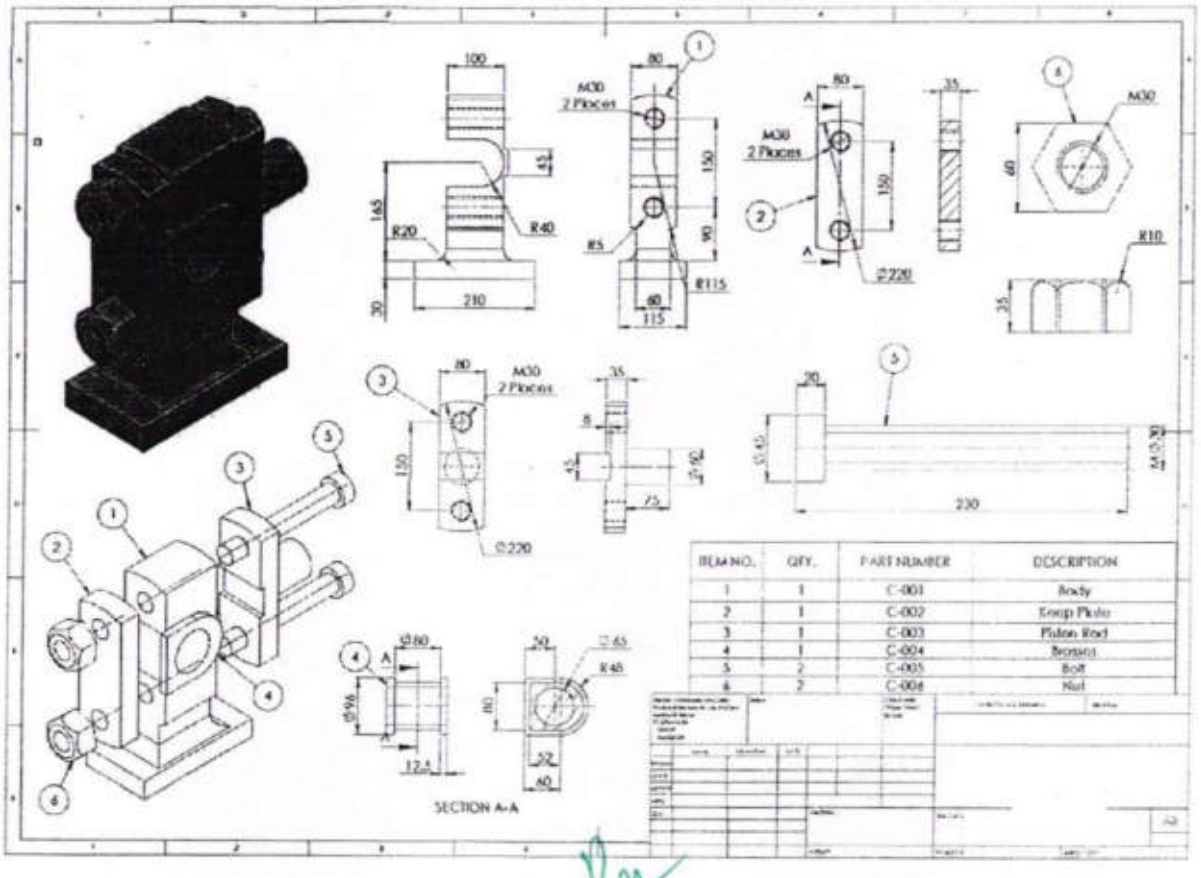
EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-2) using CATIA & NXCAD software

Name: A. Arunkumar	Reg. No: 6112121114008	Year/Sem/Sec: IV/VII A

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	25	25
2	PART-B (PART DESIGN)	50	45
3	ASSEMBLY-C	25	20
TOTAL MARKS		100	90



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Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-2) using CATIA & NXCAD software

Name: M. BOOPALAN	Reg. No: 611212114022	Year/Sem/Sec: IV/VII B.

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	25	20
2	PART-B (PART DESIGN)	50	40
3	ASSEMBLY-C	25	15
TOTAL MARKS		100	75

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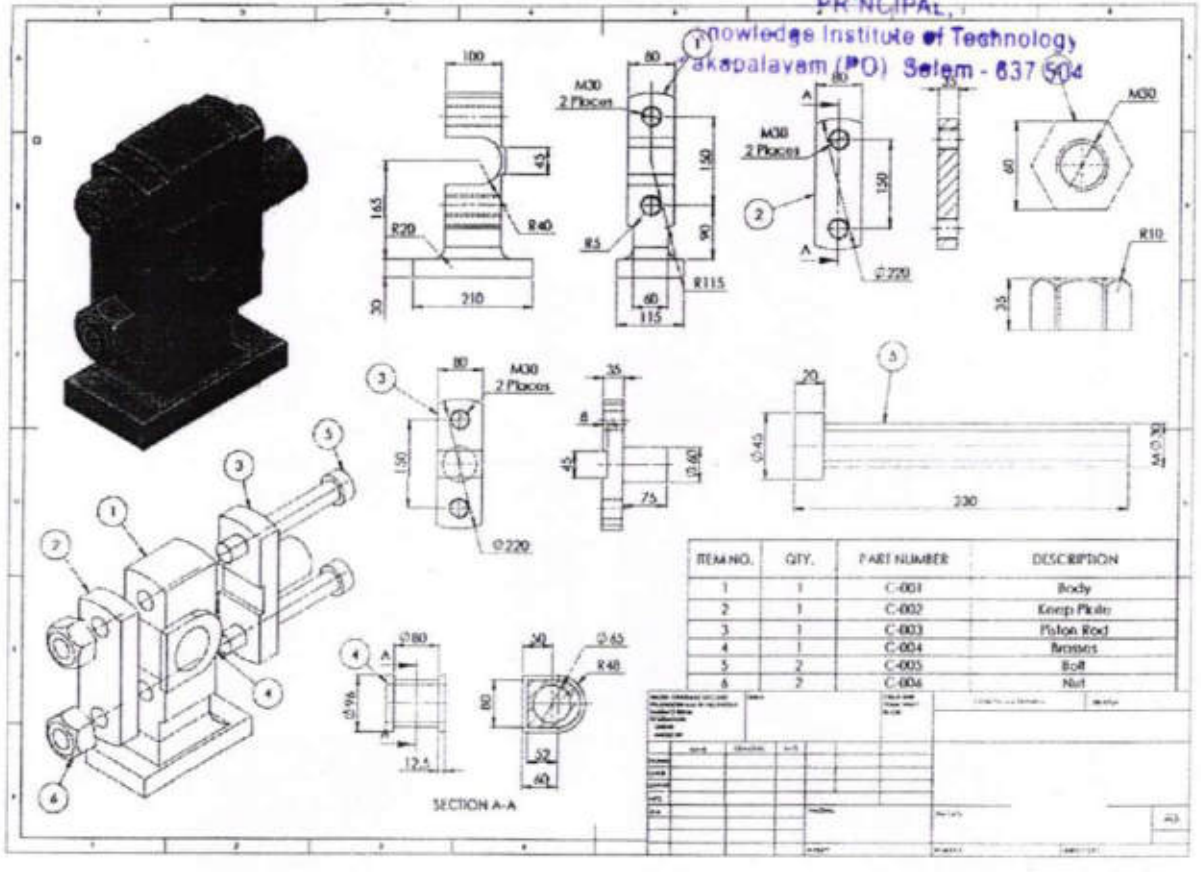


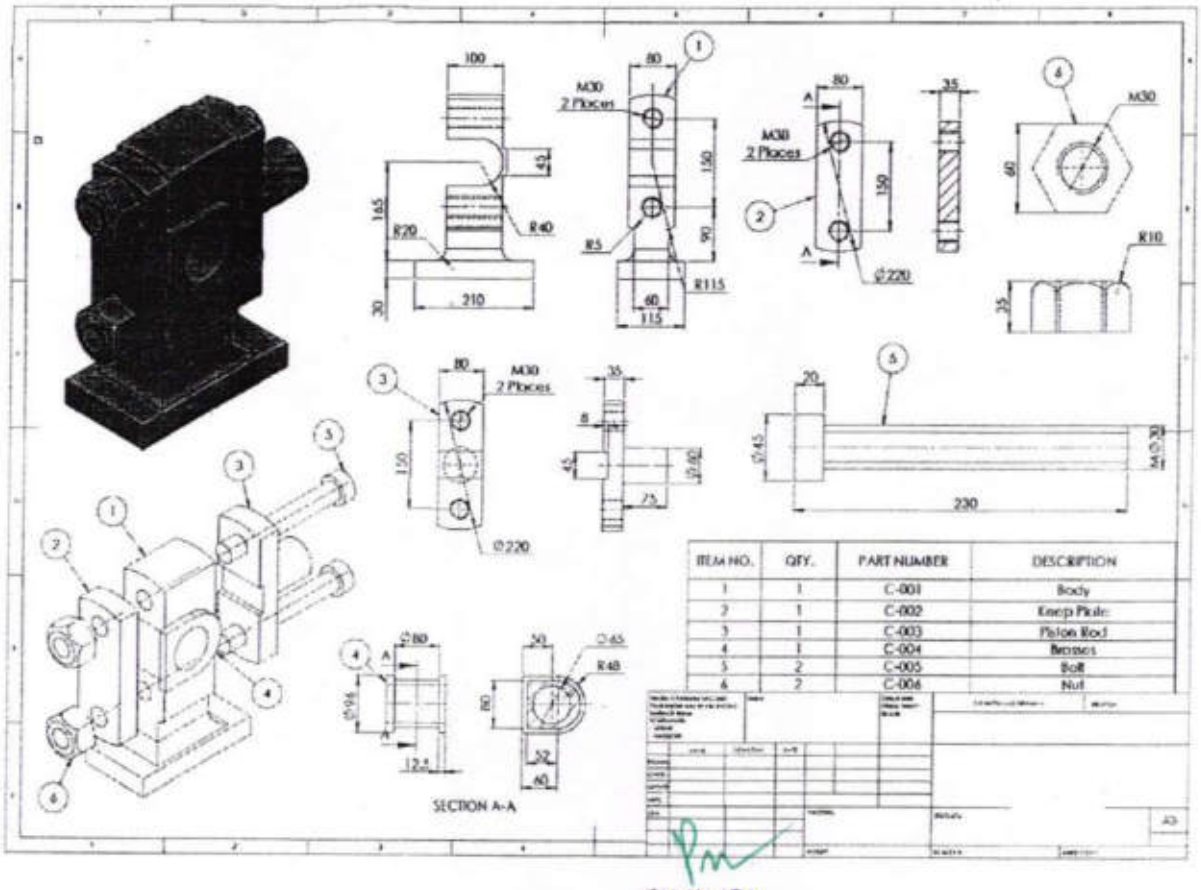
KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE
Solid Modeling (Level-2) using CATIA & NXCAD software

Name: IC. Elango	Reg. No: 611212114036	Year/Sem/Sec: IV/VII/C

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	25	15
2	PART-B (PART DESIGN)	50	35
3	ASSEMBLY-C	25	20
TOTAL MARKS		100	70



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Department Of Mechanical Engineering

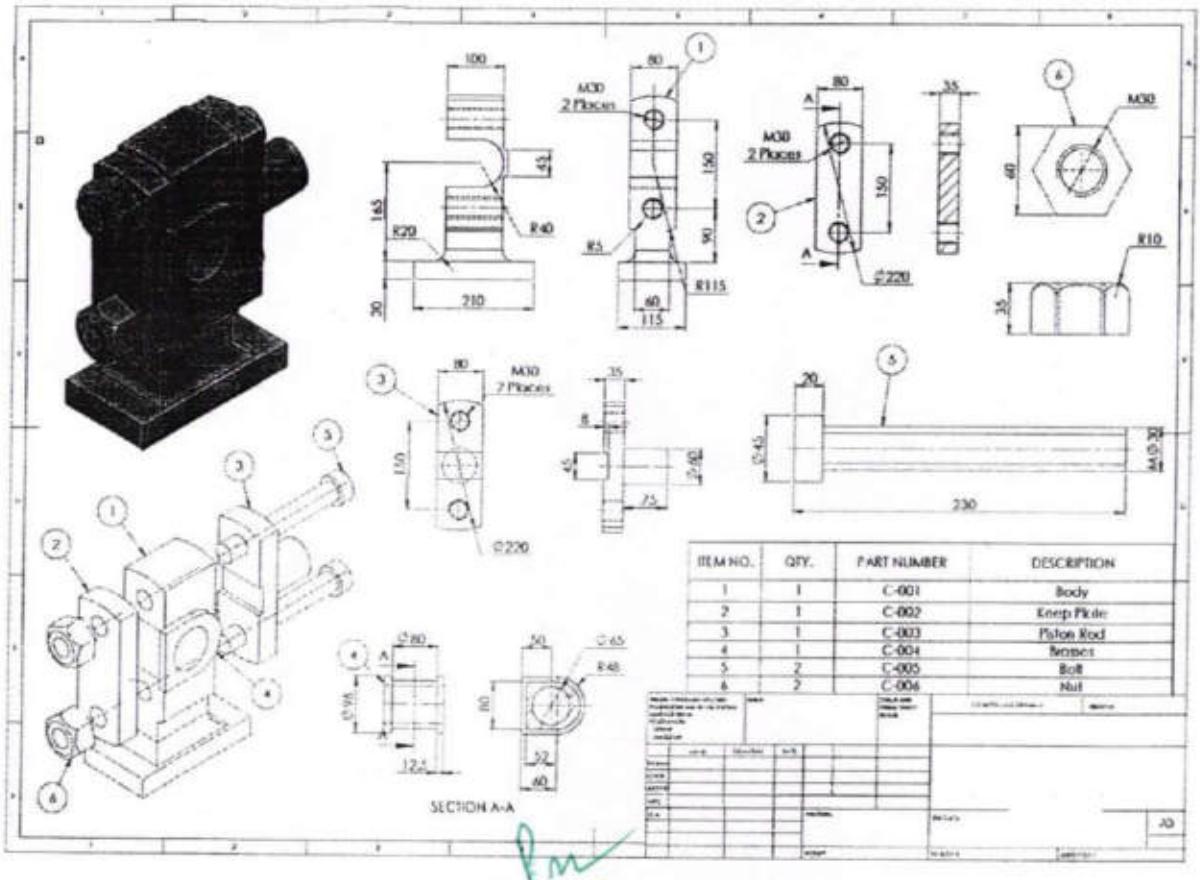
EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-2) using CATIA & NXCAD software

Name: T. Perumalkumar | Reg. No: 811212114112 | Year/Sem/Sec: IV/VII/B

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	25	25
2	PART-B (PART DESIGN)	50	45
3	ASSEMBLY-C	25	20
TOTAL MARKS		100	90



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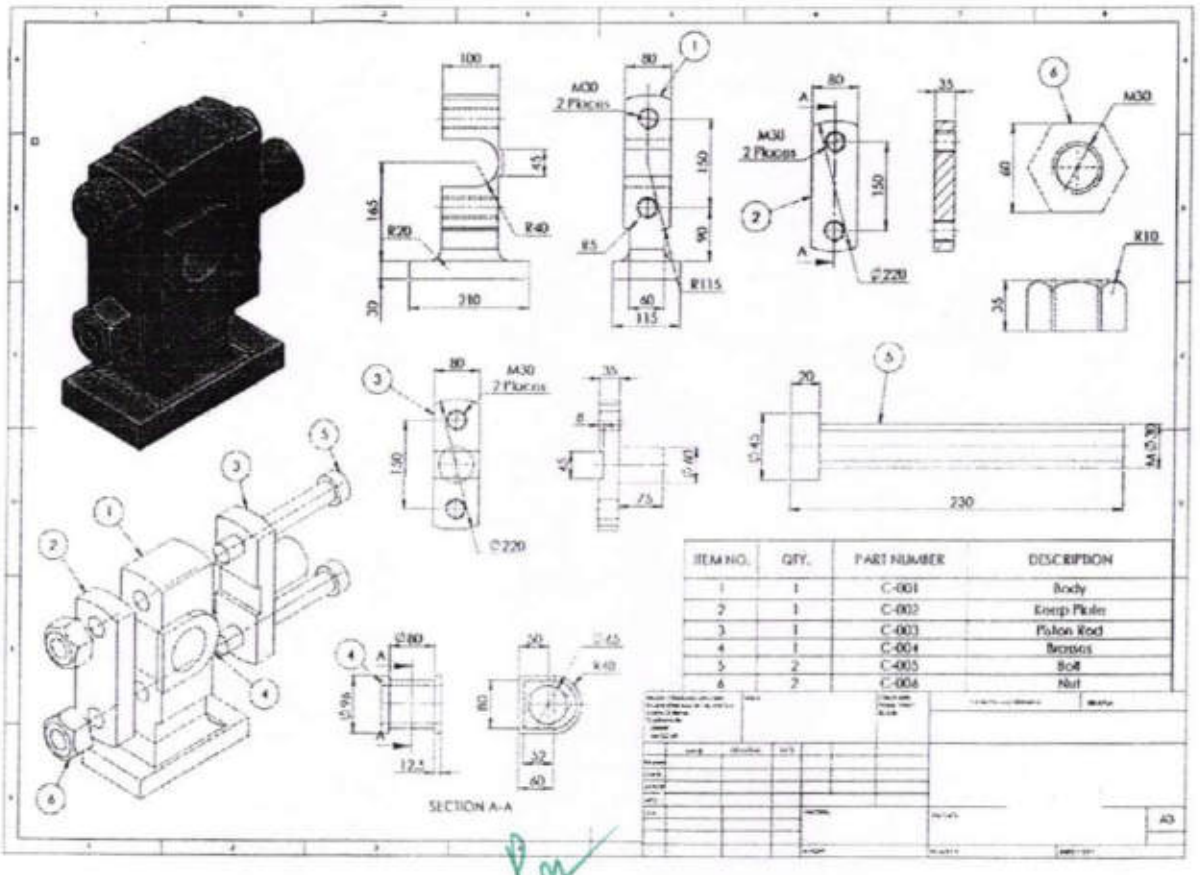
EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-2) using CATIA & NXCAD software

Name: P. Vignesh	Reg. No: 611212114165	Year/Sem/Sec: IV/VII/A

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	25	15
2	PART-B (PART DESIGN)	50	40
3	ASSEMBLY-C	25	15
TOTAL MARKS		100	70



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DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-2) USING CATIA SOFTWARE
EVALUATION MARKS 25.07.15

S.NO	SEC	REG. NO	NAME	YEAR	Marks (100)
1	C	611212114003	ANBAZHAGAN.A	IV/VII	65
2	A	611212114005	ARAVIND.K	IV/VII	75
3	C	611212114007	ARUN CHOLARAJAN.M	IV/VII	70
4	A	611212114008	ARUN KUMAR.A	IV/VII	90
5	A	611212114009	ARUN KUMAR.R	IV/VII	80
6	B	611212114011	ARUNKUMAR.P	IV/VII	85
7	B	611212114013	ARUN PRASATH.G	IV/VII	60
8	A	611212114014	ASHOK KUMAR.K	IV/VII	60
9	C	611212114015	AZHAGESAN.S	IV/VII	95
10	B	611212114016	BABU.S	IV/VII	65
11	A	611212114017	BALACHANDER.K	IV/VII	70
12	A	611212114018	BALAJI.D	IV/VII	85
13	B	611212114019	BALAJI.T	IV/VII	90
14	B	611212114020	BALAJI.V	IV/VII	90
15	B	611212114022	BOOBALAN.M	IV/VII	75
16	B	611212114023	BOOPAL.M	IV/VII	60
17	B	611212114024	DANESH KUMAR. E	IV/VII	65
18	C	611212114025	DEEPANCHAKRAVARTHI.R	IV/VII	75
19	C	611212114026	DEEPAN CHAKRAVARTHI.S	IV/VII	70
20	A	611212114030	DHIVAGAR.C	IV/VII	85
21	A	611212114031	DINESH.J	IV/VII	80
22	B	611212114032	DINESH KUMAR.S	IV/VII	70
23	A	611212114034	DIWAHARSARAVANAN.K	IV/VII	85
24	C	611212114036	ELANGO.K	IV/VII	70
25	B	611212114041	GOKUL RAJAN.V	IV/VII	85
26	A	611212114042	GOPALA KRISHNAN.A	IV/VII	90
27	A	611212114048	GOWTHAMRAJ.K	IV/VII	90
28	B	611212114050	JAWAHAR.B	IV/VII	65
29	A	611212114054	JEEVANANTHAM.P	IV/VII	60
30	C	611212114057	KARTHICK.P	IV/VII	75
31	B	611212114080	MANOJKUMAR.K	IV/VII	65
32	C	611212114081	MAYILSAMY.A	IV/VII	60
33	A	611212114083	MOHAMADYUSUF.K	IV/VII	60
34	A	611212114089	NANDHAKUMAR.R	IV/VII	75
35	B	611212114094	NAVEEN.M	IV/VII	85
36	B	611212114098	NAVEETH IMRAN.J	IV/VII	90
37	B	611212114099	NIRMALKUMAR.R	IV/VII	95
38	A	611212114102	PRABHAKARAN.S	IV/VII	80
39	C	611212114104	PRABU.K	IV/VII	85
40	A	611212114108	PRAKASH RAJ.G	IV/VII	90

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25.7.2015

S.NO	SEC	REG. NO	NAME	YEAR	Marks (100)
41	B	611212114112	PREMKUMAR.T	IV/VII	90
42	B	611212114114	RAGHUL.J	IV/VII	75
43	C	611212114126	SABARISHKUMAR.R	IV/VII	60
44	C	611212114132	SARAVANAKANNAN.M	IV/VII	85
45	B	611212114134	SATHESHKUMAR.A	IV/VII	55
46	A	611212114136	SATHISHKUMAR.M	IV/VII	65
47	A	611212114138	SEENIVASAN.S	IV/VII	70
48	B	611212114149	SURENDHAR.R	IV/VII	80
49	C	611212114151	SUTHARSAN.P	IV/VII	90
50	B	611212114152	TAMILARASAN.K	IV/VII	60
51	C	611212114153	TAMILARASAN.S	IV/VII	65
52	B	611212114154	THAMARAI SELVAN.A	IV/VII	75
53	A	611212114155	THIYAGARAJAN.A	IV/VII	80
54	A	611212114156	THIYAGARAJAN.P	IV/VII	90
55	C	611212114157	THULASIMANI.G	IV/VII	60
56	B	611212114158	VASANTHARAJ.G.P	IV/VII	85
57	A	611212114159	VASUDEVAN.R	IV/VII	90
58	C	611212114160	VASUDEVAN.V	IV/VII	70
59	A	611212114161	VEERAPRAGADEESHWARAN.U	IV/VII	95
60	B	611212114162	VENKATACHALAPATHY.G	IV/VII	70
61	A	611212114163	VENKATESH.S	IV/VII	85
62	A	611212114165	VIGNESH.P	IV/VII	70
63	C	611212114305	MANI S	IV/VII	65
64	C	611212114334	VIJAYATHANDAPANI G	IV/VII	60
65	A	611212114702	YUVARAJ R	IV/VII	90

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Kakapalayam (PO) Salem - 637 504

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HARITA TECHSERV LIMITED

Certificate of Completion

This certificate is awarded to

ARAVIND.K (611212114005)

In recognition of sucessful completion of

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Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

"SOLID MODELING (LEVEL-2) USING CATIA SOFTWARE"

Conducted by "CRCPDT-Harita Techserv Limited" from 13.07.2015 to 25.07.2015 Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

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Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

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"SOLID MODELING (LEVEL-2) USING CATIA SOFTWARE"

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Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

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Certificate of Completion

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VASUDEVAN.V (611212114160)

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Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

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PRAKASHRAJ.G (611212114108)

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Conducted by "CRCPDT-Harita Techserv Limited" from 13.07.2015 to 25.07.2015
Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

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Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-2) using CATIA software

Name: SARAVANA KANNAN.M

Year/Sem/Sec: IV / VII / C

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA	✓				
2	Drafting and Detailing	✓				
3	Generative Sheet metal design		✓			
4	Generative shape design	✓				
5	Course content and Hands on Experience of CATIA			✓		
6	Trainer Explanation level about this course		✓			
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings	✓				
8	Overall Experience about this course	✓				

Suggestion for Improvement

* Session's are good.
* Need permission to pratice for long hours

Saravana.

Signature of the Candidate

PRINCIPAL,
Knowledge Institute of Technology
Kakkapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-2) using CATIA software

Name: VenKatesh .S Year/Sem/Sec: IV / III / A

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA		✓			
2	Drafting and Detailing		✓	✓		
3	Generative Sheet metal design		✓			
4	Generative shape design			✓		
5	Course content and Hands on Experience of CATIA			✓		
6	Trainer Explanation level about this course				✓	
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings				✓	
8	Overall Experience about this course		✓			

Suggestion for Improvement

Industry Drawings must be given importance

Signature of the Candidate

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Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-2) using CATIA software

Name: Prabu.K Year/Sem/Sec: IV / VII / C sec.

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA			✓		
2	Drafting and Detailing		✓			
3	Generative Sheet metal design				✓	
4	Generative shape design			✓		
5	Course content and Hands on Experience of CATIA		✓			
6	Trainer Explanation level about this course		✓			
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings			✓		
8	Overall Experience about this course				✓	

Suggestion for Improvement

Improvement the advance coding system -

K. Prabu.
Signature of the Candidate

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Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-2) using CATIA software

Name: Balachander. K Year/Sem/Sec: IV / VII / A

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA		✓			
2	Drafting and Detailing	✓				
3	Generative Sheet metal design			✓		
4	Generative shape design		✓			
5	Course content and Hands on Experience of CATIA	✓				
6	Trainer Explanation level about this course			✓		
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings		✓			
8	Overall Experience about this course			✓		

Suggestion for Improvement

To Improve slightly based on Teaching Methodology

K. Balachander

Signature of the Candidate

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Kakapalayam (PO) Salem - 637 504

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Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-2) using CATIA software

Name: GOKUL RAJAN . V Year/Sem/Sec: IV / VII 'B' Sec

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA		✓			
2	Drafting and Detailing			✓		
3	Generative Sheet metal design		✓			
4	Generative shape design				✓	
5	Course content and Hands on Experience of CATIA		✓			
6	Trainer Explanation level about this course			✓		
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings	✓				
8	Overall Experience about this course			✓		

Suggestion for Improvement

* Proper time one needed to learn the softwore

V. Gokul

Signature of the Candidate

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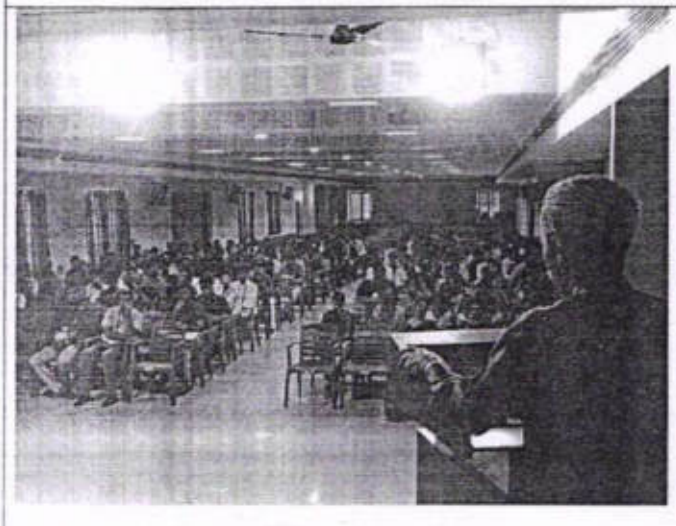
KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT OF THE EVENT

Date	:	08.06.2015 to 25.06.2015	**Resource person**	:	Mr.S.Surendar & Mr.S.M.Gowtham Assistant Professor, Department of Mechanical Engineering, Knowledge Institute of Technology
Time & Duration	:	05.00 pm to 07.00 pm & 30 Hours	**Title**	:	**Design of Practical HVAC System**
Venue	:	A312 & A313-KIOT	**No. of Participants**	:	62

1. The resource persons are explained about Fundamental and scope of HVAC, Mode of heat transfer and Refrigeration cycle
2. Also they explained about Component of A/C, Psychrometric properties and Classification of AC system.



Encl: Circular / Brochure / Attendance Sheet

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Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

Beyond Knowledge

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504

International Association of Plumbing and Mechanical Officials

DEPARTMENT OF MECHANICAL ENGINEERING

Circular No.	KIOT/MECH/2015-16/ IAPMO/01	**Date**	01.06.2015
To	All Faculty, Third & final year students of Mechanical Engineering		
Sub	IAPMO – Training for 3rd & 4th year students		

It has been planned to select new set of students from third & final year Mechanical Engineering, for IAPMO training in Mechanical Education to Employment Program. Hence the Class Advisors of third & final years are requested to collect the interested students names and list out the below given format & submit the same to the course coordinator on or before 03.06.2015. Student will be selected through the mode of written test, group discussion. Interested students are requested to assemble at A-Block Drawing hall for screening test on 05.06.2015 at 9.30am.

SI.No:	Screening Test	Date & Timing
1	Written Test (Basics of Thermal Engineering, Heat and Mass Transfer)	05.06.2015 10.30 am to 11.30 am
2	Group Discussion	05.06.2015 01.30 pm to 03.00 pm

Students Details Format:

SI.No	Reg.No	Students Name	Sign
01	XXXXXXXXX	XXXXXXXXXX X	XXXXXX

FACULTY I/C HOD/MECH PRINCIPAL

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Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

Beyond Knowledge	**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**	International Association of Plumbing and Mechanical Officials

DEPARTMENT OF MECHANICAL ENGINEERING

Circular No.	KIOT/MECH/IAPMO/2015-16/02	**Date**	06.06.2015
To	All Faculty & final year students of Mechanical Engineering		
Sub	**Design of Practical HVAC System** (IAPMO – Certification Course: Batch-I & II)		

We have planned to conduct, HVAC training on **Design of Practical HVAC System** from 08.06.2015 for final year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016).

Venue: A312 & A313

Time: 05:00 pm to 07:00 pm

Encl: Name list of shortlisted students.

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Kakapalayam (PO), Salem - 637 504

Beyond Knowledge	KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504	International Association of Plumbing and Mechanical Officials

DEPARTMENT OF MECHANICAL ENGINEERING

Circular No.	KIOT/MECH/IAPMO/2015-16/03	Date	03.07.2015
To	All Faculty & final year students of Mechanical Engineering		
Sub	**Components sizing and selection for chilled water type HVAC system** (IAPMO – Certification Course: Batch-I & II)		

We have planned to conduct, HVAC training on **Components sizing and selection for chilled water type HVAC system** from 06.07.2015 for final year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016).

Venue: A312 & A313

Time: 05:00 pm to 07:00 pm

FACULTY I/C HOD/MECH PRINCIPAL

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

From

J.Ramesh,
Assistant Professor,
Department of Mechanical Engineering,
Knowledge Institute of Technology,
Salem.

perm. Head

To

The Principal,
Knowledge Institute of Technology,
Salem.

Through: Head of the Department, Department of Mechanical Engineering

Respected Sir,

Sub: Design of Practical HVAC System conduction–regarding

We are planned to conduct, HVAC training on **Design of Practical HVAC System** from 08.06.2015 for Final year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016). In this regard, I request your permission to execute the certification course for final year Mechanical Engineering students.

Encl: Students name list for the course

Thanking You

Place: KIOT

Date: 06.06.2015

Yours Faithfully

J.Ramesh AP/Mech

Forwarded to the principal

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem

From

J.Ramesh,
Assistant Professor,
Department of Mechanical Engineering.
Knowledge Institute of Technology,
Salem.

To

The Principal,
Knowledge Institute of Technology,
Salem. .

Through: Head of the Department, Department of Mechanical Engineering

Respected Sir,

Sub: Components sizing and selection for chilled water type HVAC system conduction–regarding

We are planned to conduct, HVAC training on **Components sizing and selection for chilled water type HVAC system** starts from 06.07.2015 for Final year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016). In this regard, I request your permission to execute the certification course for third and final year Mechanical Engineering students.

Encl: Students name list for the course

Thanking You

Place: KIOT

Date: 03.07.2015

Yours Faithfully

J.Ramesh AP/Mech

Forwarded to the principal

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem -

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-I: NAME LIST (2012-2016)

AY: 2015-16 Date: 06.06.2015

Sl. No.	Register Number	Student Name	Remarks
1.	611212114001	ABUFIRNAS KHAN.K	
2.	611212114002	ACHUTHAN.V	
3.	611212114004	ANISH.A	
4.	611212114006	ARUN.M.S	
5.	611212114010	ARUNKUMAR.V	
6.	611212114012	ARUN KUMAR.S	
7.	611212114021	BENISH B	
8.	611212114027	DHANISHRAM.K	
9.	611212114028	DHARMARAJ.S	
10.	611212114029	DHARMARAJ.S	
11.	611212114033	DINESH KUMAR.V	
12.	611212114035	EBINESAR.J	
13.	611212114037	ELANGO.R	
14.	611212114038	ELANTHIRAYAN.E	
15.	611212114039	GANESHAN R	
16.	611212114040	GANGADARAN.S	
17.	611212114043	GOPINATH.A	
18.	611212114044	GOPINATH M	
19.	611212114045	GOWTHAM A.P	
20.	611212114046	GOWTHAM KUMAR.S	
21.	611212114047	GOWTHAMRAJ.K	
22.	611212114049	JAGADESH.A	
23.	611212114051	JAYAPRAKASH.M	
24.	611212114052	JAYAVEL.M	
25.	611212114053	JEEVA.S	
26.	611212114055	JETHENDRAN.C	
27.	611212114056	KANDHASAMY.R	
28.	611212114058	KARTHICK.P	
29.	611212114059	KARTHICK. T.S	
30.	611212114060	KARTHICK RAJA.C	
31.	611212114061	KARTHIK.S	

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-II: NAME LIST (2012-2016)

AY: 2015-16 Date: 06.06.2015

Sl. No.	Register Number	Student Name	Remarks
1.	611212114062	KARTHIK.V	
2.	611212114063	KARTHIKEYAN.K	
3.	611212114064	KAVIN PRASANTH.S	
4.	611212114065	KEERTHI RAJAN.S	
5.	611212114066	KISHORE.T	
6.	611212114067	KISHORE KUMAR. U	
7.	611212114068	KOTEESWARAN.S	
8.	611212114069	KRISHNA KUMAR.V	
9.	611212114070	KUMAR.V	
10.	611212114071	LINGESH KUMAR.R	
11.	611212114072	LOGESH.V	
12.	611212114073	LOGESHWARAN.R	
13.	611212114074	MANIKANDAN.A	
14.	611212114075	MANIKANDAN.G	
15.	611212114076	MANIKANDAN.K	
16.	611212114077	MANIKANDAN.K	
17.	611212114078	MANISHANKAR.P	
18.	611212114079	MANOJ.V	
19.	611212114082	MEENAKSHISUNDARAM J	
20.	611212114084	MOHAMMED IBRAHIM A N	
21.	611212114085	MOHANRAJ.M	
22.	611212114086	MOHANRAJ.T	
23.	611212114087	MURALI KRISHNAN.S	
24.	611212114088	NANDHAKUMAR.K	
25.	611212114090	NANDHAKUMAR.V	
26.	611212114091	NANDHA KUMAR.M	
27.	611212114092	NATARAJAN.V	
28.	611212114093	NAVANEETHAN.S	
29.	611212114095	NAVEEN.P	
30.	611212114096	NAVEENKUMAR.M	
31.	611212114097	NAVEEN KUMAR V	

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Kakapalayam (PO), Salem

1.8	Study of AC system	2	-	-	Day 8
1.9	Study of Psychrometric	2	-	-	Day 9
1.10	Study of Psychrometric	2	-	-	Day 10
1.11	Study of Psychrometric	1	-	1	Day 11
1.12	Classification of Air-Conditioning System	2	-	-	Day 12
1.13	Classification of Air-Conditioning System	2	-	-	Day 13
1.14	Classification of Air-Conditioning System	2	-	-	Day 14
1.15	Sub systems in AC	2	-	-	Day 15

Detailed Execution Plan

Name of the Course Module: 2. Components sizing and selection for chilled water type HVAC system

Duration: 30 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
2.1	Air terminal selection	2	-	-	Day 1
2.2	Air terminal selection	1	-	1	Day 2
2.3	Cold storage selection	2	-	-	Day 3
2.4	Cold storage selection	1	-	1	Day 4
2.5	Selection of Materials of Ducts	2	-	-	Day 5
2.6	Selection of Materials of Ducts	1	-	1	Day 6
2.7	Primary and secondary pump selections	2	-	-	Day 7
2.8	Selection of cooling tower	2	-	-	Day 8
2.9	Selection of cooling tower	1	-	1	Day 9
2.10	Selection of Chillers	2	-	-	Day 10
2.11	Selection of Chillers	1	-	1	Day 11
2.12	AHU and FCU classification and selection	2	-	-	Day 12
2.13	Selection of Fan/Blower RPM	2	-	-	Day 13
2.14	Chilled water system & Equipment Selection	2	-	-	Day 14
2.15	Selection of Motor HP	2	-	-	Day 15

FACULTY I/C HOD/MECH PRINCIPAL

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KNOWLEDGE INSTITUTE OF TECHNOLOGY Department of Mechanical Engineering Course Plan				Date: 01.06.2015
Name of the COE:		Iapmo-India – Kiot, Centre Of Excellence		
Name of the Course:		HVAC Design and Project Installation Engineer	Semester	07 & 08
Name of the Module	**Topics to be covered**	**Faculty Name**	**Number of Hours**	**Faculty Signature**
Design of Practical HVAC System	Fundamental and scope of HVAC, Mode of heat transfer, Standards, Refrigeration cycle, Component of A/C, Refrigerants and types, Study of AC system, Study of Psychrometric, Classification of Air-Conditioning System & Sub systems in AC.	Mr.S.Surendar & Mr.S.M.Gowtham	30	
Components sizing and selection for chilled water type HVAC system	Orientation of Building, To Read Latitude & Location of building, Difference for wall, glass, Roof and Partition, Cooling and Heat Load Calculation, Calculation of sensible Heat Factor ADP and Dehumidified CFM, Cooling Load Calculation, Chilled water system & Equipment Selection	Mr.S.M.Gowtham & Mr.J.Ramesh	30	
		Total No.of Hours	**60**	

Detailed Execution Plan

Name of the Course Module: 1. Design of Practical HVAC System

Duration: 30 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
1.1	Fundamental and scope of HVAC	2	-	-	Day 1
1.2	Mode of heat transfer	2	-	-	Day 2
1.3	Mode of heat transfer	1	-	1	Day 3
1.4	Refrigeration cycle	2	-	-	Day 4
1.5	Refrigeration cycle	1	-	1	Day 5
1.6	Component of A/C	2	-	-	Day 6
1.7	Refrigerants and types	2	-	-	Day 7

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-I (2012-2016) MARK STATEMENT
DESIGN OF PRACTICAL HVAC SYSTEM – AY: 2015-16

Max.Marks:50

Year/Sem: IV/VII

Date: 29.06.2015

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
1.	611212114001	ABUFIRNAS KHAN.K	38	PASS
2.	611212114002	ACHUTHAN.V	32	PASS
3.	611212114004	ANISH.A	30	PASS
4.	611212114006	ARUN.M.S	39	PASS
5.	611212114010	ARUNKUMAR.V	37	PASS
6.	611212114012	ARUN KUMAR.S	35	PASS
7.	611212114021	BENISH B	41	PASS
8.	611212114027	DHANISHRAM.K	42	PASS
9.	611212114028	DHARMARAJ.S	46	PASS
10.	611212114029	DHARMARAJ.S	47	PASS
11.	611212114033	DINESH KUMAR.V	48	PASS
12.	611212114035	EBINESAR.J	45	PASS
13.	611212114037	ELANGO.R	42	PASS
14.	611212114038	ELANTHIRAYAN.E	36	PASS
15.	611212114039	GANESHAN R	38	PASS
16.	611212114040	GANGADARAN.S	42	PASS
17.	611212114043	GOPINATH.A	38	PASS
18.	611212114044	GOPINATH M	35	PASS
19.	611212114045	GOWTHAM A.P	26	PASS
20.	611212114046	GOWTHAM KUMAR.S	25	PASS
21.	611212114047	GOWTHAMRAJ.K	41	PASS
22.	611212114049	JAGADESH.A	40	PASS
23.	611212114051	JAYAPRAKASH.M	30	PASS
24.	611212114052	JAYAVEL.M	32	PASS
25.	611212114053	JEEVA.S	38	PASS
26.	611212114055	JETHENDRAN.C	37	PASS
27.	611212114056	KANDHASAMY.R	42	PASS
28.	611212114058	KARTHICK.P	47	PASS
29.	611212114059	KARTHICK. T.S	28	PASS
30.	611212114060	KARTHICK RAJA.C	25	PASS
31.	611212114061	KARTHIK.S	26	PASS

Note: Minimum 25 marks will be considered as pass mark for this certification course.

FACULTY I/C

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HOD/MECH

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-II (2012-2016) MARKS STATEMENT
DESIGN OF PRACTICAL HVAC SYSTEM – AY: 2015-16

Max.Marks:50

Year/Sem: IV/VII **Date: 29.06.2015**

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
1.	611212114062	KARTHIK.V	32	PASS
2.	611212114063	KARTHIKEYAN.K	35	PASS
3.	611212114064	KAVIN PRASANTH.S	36	PASS
4.	611212114065	KEERTHI RAJAN.S	41	PASS
5.	611212114066	KISHORE.T	42	PASS
6.	611212114067	KISHORE KUMAR. U	40	PASS
7.	611212114068	KOTEESWARAN.S	38	PASS
8.	611212114069	KRISHNA KUMAR.V	39	PASS
9.	611212114070	KUMAR.V	32	PASS
10.	611212114071	LINGESH KUMAR.R	41	PASS
11.	611212114072	LOGESH.V	40	PASS
12.	611212114073	LOGESHWARAN.R	25	PASS
13.	611212114074	MANIKANDAN.A	26	PASS
14.	611212114075	MANIKANDAN.G	27	PASS
15.	611212114076	MANIKANDAN.K	35	PASS
16.	611212114077	MANIKANDAN.K	36	PASS
17.	611212114078	MANISHANKAR.P	34	PASS
18.	611212114079	MANOJ.V	32	PASS
19.	611212114082	MEENAKSHISUNDARAM J	30	PASS
20.	611212114084	MOHAMMED IBRAHIM A N	28	PASS
21.	611212114085	MOHANRAJ.M	27	PASS
22.	611212114086	MOHANRAJ.T	29	PASS
23.	611212114087	MURALI KRISHNAN.S	36	PASS
24.	611212114088	NANDHAKUMAR.K	37	PASS
25.	611212114090	NANDHAKUMAR.V	32	PASS
26.	611212114091	NANDHA KUMAR.M	41	PASS
27.	611212114092	NATARAJAN.V	42	PASS
28.	611212114093	NAVANEETHAN.S	42	PASS
29.	611212114095	NAVEEN.P	32	PASS
30.	611212114096	NAVEENKUMAR.M	30	PASS
31.	611212114097	NAVEEN KUMAR V	27	PASS

Note: Minimum 25 marks will be considered as pass mark for this certification course.

FACULTY I/C

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Kakapalayam (PO), Salem - 637 504

HOD/MECH

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-I (2012-2016) MARK STATEMENT
COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM – AY: 2015-16

Max.Marks:50

Year/Sem: IV/VII

Date: 30.07.2015

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
1.	611212114001	ABUFIRNAS KHAN.K	32	PASS
2.	611212114002	ACHUTHAN.V	35	PASS
3.	611212114004	ANISH.A	36	PASS
4.	611212114006	ARUN.M.S	41	PASS
5.	611212114010	ARUNKUMAR.V	42	PASS
6.	611212114012	ARUN KUMAR.S	40	PASS
7.	611212114021	BENISH B	38	PASS
8.	611212114027	DHANISHRAM.K	39	PASS
9.	611212114028	DHARMARAJ.S	32	PASS
10.	611212114029	DHARMARAJ.S	41	PASS
11.	611212114033	DINESH KUMAR.V	40	PASS
12.	611212114035	EBINESAR.J	25	PASS
13.	611212114037	ELANGO.R	26	PASS
14.	611212114038	ELANTHIRAYAN.E	26	PASS
15.	611212114039	GANESHAN R	35	PASS
16.	611212114040	GANGADARAN.S	36	PASS
17.	611212114043	GOPINATH.A	34	PASS
18.	611212114044	GOPINATH M	32	PASS
19.	611212114045	GOWTHAM A.P	30	PASS
20.	611212114046	GOWTHAM KUMAR.S	28	PASS
21.	611212114047	GOWTHAMRAJ.K	27	PASS
22.	611212114049	JAGADESH.A	29	PASS
23.	611212114051	JAYAPRAKASH.M	36	PASS
24.	611212114052	JAYAVEL.M	37	PASS
25.	611212114053	JEEVA.S	32	PASS
26.	611212114055	JETHENDRAN.C	41	PASS
27.	611212114056	KANDHASAMY.R	42	PASS
28.	611212114058	KARTHICK.P	42	PASS
29.	611212114059	KARTHICK. T.S	32	PASS
30.	611212114060	KARTHICK RAJA.C	30	PASS
31.	611212114061	KARTHIK.S	27	PASS

Note: Minimum 25 marks will be considered as pass mark for this certification course.

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Kakapalayam (PO) Salem - 637 504

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-II (2012-2016) MARKS STATEMENT
COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM – AY: 2015-16

Max.Marks:50

Year/Sem: IV/VII

Date: 30.07.2015

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
1.	611212114062	KARTHIK.V	38	PASS
2.	611212114063	KARTHIKEYAN.K	32	PASS
3.	611212114064	KAVIN PRASANTH.S	30	PASS
4.	611212114065	KEERTHI RAJAN.S	39	PASS
5.	611212114066	KISHORE.T	37	PASS
6.	611212114067	KISHORE KUMAR. U	35	PASS
7.	611212114068	KOTEESWARAN.S	41	PASS
8.	611212114069	KRISHNA KUMAR.V	42	PASS
9.	611212114070	KUMAR.V	46	PASS
10.	611212114071	LINGESH KUMAR.R	47	PASS
11.	611212114072	LOGESH.V	48	PASS
12.	611212114073	LOGESHWARAN.R	45	PASS
13.	611212114074	MANIKANDAN.A	42	PASS
14.	611212114075	MANIKANDAN.G	36	PASS
15.	611212114076	MANIKANDAN.K	38	PASS
16.	611212114077	MANIKANDAN.K	42	PASS
17.	611212114078	MANISHANKAR.P	38	PASS
18.	611212114079	MANOJ.V	35	PASS
19.	611212114082	MEENAKSHISUNDARAM J	26	PASS
20.	611212114084	MOHAMMED IBRAHIM A N	25	PASS
21.	611212114085	MOHANRAJ.M	41	PASS
22.	611212114086	MOHANRAJ.T	40	PASS
23.	611212114087	MURALI KRISHNAN.S	30	PASS
24.	611212114088	NANDHAKUMAR.K	32	PASS
25.	611212114090	NANDHAKUMAR.V	38	PASS
26.	611212114091	NANDHA KUMAR.M	37	PASS
27.	611212114092	NATARAJAN.V	42	PASS
28.	611212114093	NAVANEETHAN.S	47	PASS
29.	611212114095	NAVEEN.P	28	PASS
30.	611212114096	NAVEENKUMAR.M	25	PASS
31.	611212114097	NAVEEN KUMAR V	26	PASS

Note: Minimum 25 marks will be considered as pass mark for this certification course.

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PRINCIPAL,
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Kakapalayam (PO) Salem - 637 504

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Sl.No	Reg.No	Name of the Student	Year/ Sem	6/7/15	7/7/15	8/7/15	9/7/15	10/7/15	13/7/15	14/7/15	15/7/15	16/7/15	17/7/15	20/7/15	21/7/15	22/7/15	23/7/15	24/7/15
15.	611212114076	MANIKANDAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	611212114077	MANIKANDAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	611212114078	MANISHANKAR.P	IV/VII	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
18.	611212114079	MANOJ.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	611212114082	MEENAKSHISUNDARAM J	IV/VII	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
20.	611212114084	MOHAMMED IBRAHIM A N	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611212114085	MOHANRAJ.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611212114086	MOHANRAJ.T	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611212114087	MURALI KRISHNAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611212114088	NANDHAKUMAR.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611212114090	NANDHAKUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611212114091	NANDHA KUMAR.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611212114092	NATARAJAN.V	IV/VII	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
28.	611212114093	NAVANEETHAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611212114095	NAVEEN.P	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611212114096	NAVEENKUMAR.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	611212114097	NAVEEN KUMAR V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504

DEPARTMENT OF MECHANICAL ENGINEERING

CENTER FOR HEATING VENTILATION AND AIR CONDITIONING

BATCH-II (2012-2016) ACADEMIC YEAR: 2015-16

COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM -TRAINING ATTENDANCE

Year: IV

Date: 27.7.2015

Sl.No	Reg.No	Name of the Student	Year/ Sem	5/11/15 #6	5/11/15 #7	5/11/15 #8	5/11/15 #9	5/11/15 #10	5/11/15 #13	5/11/15 #14	5/11/15 #15	5/11/15 #16	5/11/15 #17	5/11/15 #20	5/11/15 #21	5/11/15 #22	5/11/15 #23	5/11/15 #24
1.	611212114062	KARTHIK.V	IV/VII	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
2.	611212114063	KARTHIKEYAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	611212114064	KAVIN PRASANTH.S	IV/VII	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
4.	611212114065	KEERTHI RAJAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611212114066	KISHORE.T	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	611212114067	KISHORE KUMAR. U	IV/VII	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611212114068	KOTEESWARAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
8.	611212114069	KRISHNA KUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611212114070	KUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	611212114071	LINGESH KUMAR.R	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	611212114072	LOGESH.V	IV/VII	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/
12.	611212114073	LOGESHWARAN.R	IV/VII	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
13.	611212114074	MANIKANDAN.A	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611212114075	MANIKANDAN.G	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Sl.No	Reg.No	Name of the Student	Year/ Sem	8/6/15	9/6/15	10/6/15	11/6/15	12/6/15	15/6/15	16/6/15	17/6/15	18/6/15	19/6/15	20/6/15	22/6/15	23/6/15	24/6/15	25/6/15
18.	611212114079	MANOJ.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
19.	611212114082	MEENAKSHISUNDARAM J	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611212114084	MOHAMMED IBRAHIM A N	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611212114085	MOHANRAJ.M	IV/VII	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
22.	611212114086	MOHANRAJ.T	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611212114087	MURALI KRISHNAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611212114088	NANDHAKUMAR.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611212114090	NANDHAKUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611212114091	NANDHA KUMAR.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611212114092	NATARAJAN.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611212114093	NAVANEETHAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611212114095	NAVEEN.P	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611212114096	NAVEENKUMAR.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	611212114097	NAVEEN KUMAR V	IV/VII	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-II (2012-2016) ACADEMIC YEAR: 2015-16
DESIGN OF PRACTICAL HVAC SYSTEM - TRAINING ATTENDANCE

Year: IV

Date: 27.6.2015

Sl.No	Reg.No	Name of the Student	Year/ Sem	8/6/15	9/6/15	10/6/15	11/6/15	12/6/15	15/6/15	16/6/15	17/6/15	18/6/15	19/6/15	20/6/15	22/6/15	23/6/15	24/6/15	25/6/15
1.	611212114062	KARTHIK.V	IV/VII	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
2.	611212114063	KARTHIKEYAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	611212114064	KAVIN PRASANTH.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611212114065	KEERTHI RAJAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611212114066	KISHORE.T	IV/VII	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
6.	611212114067	KISHORE KUMAR. U	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611212114068	KOTEESWARAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	611212114069	KRISHNA KUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611212114070	KUMAR.V	IV/VII	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
10.	611212114071	LINGESH KUMAR.R	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	611212114072	LOGESH.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611212114073	LOGESHWARAN.R	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	611212114074	MANIKANDAN.A	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611212114075	MANIKANDAN.G	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	611212114076	MANIKANDAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	611212114077	MANIKANDAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	611212114078	MANISHANKAR.P	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Sl. No	Reg.No	Name of the Student	Year/ Sem	6/7/15	7/7/15	8/7/15	9/7/15	10/7/15	13/7/15	14/7/15	15/7/15	16/7/15	17/7/15	20/7/15	21/7/15	22/7/15	23/7/15	24/7/15
15.	611212114039	GANESHAN R	IV/VII	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/
16.	611212114040	GANGADARAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	611212114043	GOPINATH.A	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	611212114044	GOPINATH M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	611212114045	GOWTHAM A.P	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611212114046	GOWTHAM KUMAR.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611212114047	GOWTHAMRAJ.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611212114049	JAGADESH.A	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611212114051	JAYAPRAKASH.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611212114052	JAYAVEL.M	IV/VII	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611212114053	JEEVA.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611212114055	JETHENDRAN.C	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611212114056	KANDHASAMY.R	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611212114058	KARTHICK.P	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611212114059	KARTHICK. T.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611212114060	KARTHICK RAJA.C	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	611212114061	KARTHIK.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504

DEPARTMENT OF MECHANICAL ENGINEERING

CENTER FOR HEATING VENTILATION AND AIR CONDITIONING

BATCH-I (2012-2016) ACADEMIC YEAR: 2015-16

COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM -TRAINING ATTENDANCE

Year: IV

Date: 27.7.15

Sl. No	Reg.No	Name of the Student	Year/ Sem	6/7/15	7/7/15	8/7/15	9/7/15	10/7/15	13/7/15	14/7/15	15/7/15	16/7/15	17/7/15	20/7/15	21/7/15	22/7/15	23/7/15	24/7/15
1.	611212114001	ABUFIRNAS KHAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	611212114002	ACHUTHAN.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	611212114004	ANISH.A	IV/VII	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
4.	611212114006	ARUN.M.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611212114010	ARUNKUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	611212114012	ARUN KUMAR.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611212114021	BENISH B	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	611212114027	DHANISHRAM.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611212114028	DHARMARAJ.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
10.	611212114029	DHARMARAJ.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	611212114033	DINESH KUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611212114035	EBINESAR.J	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	611212114037	ELANGO.R	IV/VII	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611212114038	ELANTHIRAYAN.E	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Sl.No	Reg.No	Name of the Student	Year/ Sem	08/06/15	09/06/15	10/06/15	11/06/15	12/06/15	15/06/15	16/06/15	17/06/15	18/06/15	19/06/15	20/06/15	22/06/15	23/06/15	24/06/15	25/06/15
18.	611212114044	GOPINATH M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	611212114045	GOWTHAM A.P	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611212114046	GOWTHAM KUMAR.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611212114047	GOWTHAMRAJ.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611212114049	JAGADESH.A	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611212114051	JAYAPRAKASH.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611212114052	JAYAVEL.M	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611212114053	JEEVA.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611212114055	JETHENDRAN.C	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611212114056	KANDHASAMY.R	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611212114058	KARTHICK.P	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611212114059	KARTHICK. T.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611212114060	KARTHICK RAJA.C	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	611212114061	KARTHIK.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-I (2012-2016) ACADEMIC YEAR: 2015-16
DESIGN OF PRACTICAL HVAC SYSTEM - TRAINING ATTENDANCE

Year: IV

Date: 27-06-2015

Sl.No	Reg.No	Name of the Student	Year/ Sem	08/06/15	09/06/15	10/06/15	11/06/15	12/06/15	15/06/15	16/06/15	17/06/15	18/06/15	19/06/15	20/06/15	22/06/15	23/06/15	24/06/15	25/06/15
1.	611212114001	ABUFIRNAS KHAN.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	611212114002	ACHUTHAN.V	IV/VII	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
3.	611212114004	ANISH.A	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611212114006	ARUN.M.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611212114010	ARUNKUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	611212114012	ARUN KUMAR.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611212114021	BENISH B	IV/VII	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
8.	611212114027	DHANISHRAM.K	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611212114028	DHARMARAJ.S	IV/VII	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
10.	611212114029	DHARMARAJ.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	611212114033	DINESH KUMAR.V	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611212114035	EBINESAR.J	IV/VII	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
13.	611212114037	ELANGO.R	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611212114038	ELANTHIRAYAN.E	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	611212114039	GANESHAN R	IV/VII	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	611212114040	GANGADARAN.S	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	611212114043	GOPINATH.A	IV/VII	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	EBINESAR. J				
Register No	6112-12-11*035				
Date	26-6-15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	45				

45

ANSWER ALL THE QUESTIONS-(50X01=50)

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(A) Inflammable (B) Toxic (C) Non-inflammable and toxic (D) Nontoxic and non-inflammable
2. The boiling point of ammonia is
(A) -10.5°C (B) -30°C (C) -33.3°C (D) -77.7°C
3. For obtaining high COP, the pressure range of compressor should be
(A) High (B) Low (C) Optimum (D) Any value
4. A reversible engine has ideal thermal efficiency of 30%. When it is used as a refrigerating machine with all other conditions unchanged, the coefficient of performance will be
(A) 1.33 (B) 2.33 (C) 3.33 (D) 4.33
5. Cooling water is required for following equipment in ammonia absorption plant
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6. The freezing point of sulphur dioxide is
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7. Mass flow ratio of NH_3 in comparison to Freon-12 for same refrigeration load and same temperature limits is of the order of
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8. In a refrigeration system, the expansion device is connected between the
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(A) Function of temperature (B) Physical property of a substance
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19. Which of the following statement is wrong?
(A) The heat transfer in liquid and gases takes place according to convection
(B) The amount of heat flow through a body is dependent upon the material of the body
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20. Thermal conductivity of solid metals with rise in temperature normally
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23. According to Dalton's law of partial pressures, (where pb = Barometric pressure, pa = Partial pressure of dry air, and pv = Partial pressure of water vapour)
(A) Pb = pa – pv (B) Pb = pa + pv (C) Pb = pa × pv (D) Pb = pa/pv

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25. The heat transfer by conduction through a thick sphere is given by
(A) Q = 2πkr1 r2 (T1 - T2)/ (r2 - r1) (B) Q = 4πkr1 r2 (T1 - T2)/ (r2 - r1)
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27. Fourier's law of heat conduction is (where Q = Amount of heat flow through the body in unit time, A = Surface area of heat flow, taken at right angles to the direction of heat flow, dT = Temperature difference on the two faces of the body, dx = Thickness of the body, through which the heat flows, taken along the direction of heat flow, and k = Thermal conductivity of the body)
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29. Reynolds number (RN) is given by (where h = Film coefficient, l = Linear dimension, V = Velocity of fluid, k = Thermal conductivity, t = Temperature, ρ = Density of fluid, cp = Specific heat at constant pressure, and μ = Coefficient of absolute viscosity)
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(A) Change vapour into liquid (B) Change liquid into vapour
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(A) Open area of wall and low to the ground.
(B) Behind appliances and high on the wall.
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(A) Heat is a form of matter.
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33. If 1 pound of water warms to 60 degrees F from 55 degrees F, what btu of latent heat will it have absorbed?

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	A. GOPINATH				
Register No	611212114043				
Date	26-6-15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	36				

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
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Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	ARUN. M.S				
Register No	611212114006				
Date	26.6.15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	39				

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29. Reynolds number (RN) is given by (where h = Film coefficient, l = Linear dimension, V = Velocity of fluid, k = Thermal conductivity, t = Temperature, ρ = Density of fluid, cp = Specific heat at constant pressure, and μ = Coefficient of absolute viscosity)
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(C)Heat moves toward a place with lower intensity.
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FACULTY I/C

PRINCIPAL,
Knowledge Institute of Technology
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(3r)

KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	Benish B				
Register No	611212114021				
Date	26-6-15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	41				

ANSWER ALL THE QUESTIONS-(50X01=50)

1. Freon group of refrigerants are
(A) Inflammable (B) Toxic (C) Non-inflammable and toxic (D) Nontoxic and non-inflammable
2. The boiling point of ammonia is
(A) -10.5°C (B) -30°C (C) -33.3°C (D) -77.7°C
3. For obtaining high COP, the pressure range of compressor should be
(A) High (B) Low (C) Optimum (D) Any value
4. A reversible engine has ideal thermal efficiency of 30%. When it is used as a refrigerating machine with all other conditions unchanged, the coefficient of performance will be
(A) 1.33 (B) 2.33 (C) 3.33 (D) 4.33
5. Cooling water is required for following equipment in ammonia absorption plant
(A) Condenser (B) Evaporator (C) Absorber (D) Condenser, absorber and separator (rectifier)
6. The freezing point of sulphur dioxide is
(A) -56.6°C (B) -75.2°C (C) -77.7°C (D) -135.8°C
7. Mass flow ratio of NH_3 in comparison to Freon-12 for same refrigeration load and same temperature limits is of the order of
(A) 1: 1 (B) 1: 9 (C) 9: 1 (D) 1: 3
8. In a refrigeration system, the expansion device is connected between the
(A) Compressor and condenser (B) Condenser and receiver (C) Receiver and evaporator
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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	R. Logeshwaran				
Register No	611212114073				
Date	27-7-15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	45				

45

ANSWER ALL THE QUESTIONS-(50X01=50)

1. Which of the following refrigerant is highly toxic and flammable?
(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
2. The dehumidification process, on the psychrometric chart, is shown by
(A) Horizontal line (B) Vertical line (C) Inclined line (D) Curved line
3. The wet bulb temperature at 100% relative humidity is _____ dry bulb temperature.
(A) Same as (B) Lower than (C) Higher than (D) None of these
4. The human body feels comfortable when the heat stored in the body is
(A) Positive (B) Negative (C) Zero (D) None of these
5. The heat rejection factor (HRF) is given by
(A) 1 + C.O.P (B) 1 - C.O.P. (C) 1 + (1/C.O.P) (D) 1 - (1/C.O.P)
6. In order to collect liquid refrigerant and to prevent it from going to a _____, a device known as accumulator is used at the suction of compressor.
(A) Compressor (B) Condenser (C) Expansion valve (D) Evaporator
7. The vertical and uniformly spaced lines on a psychrometric chart indicates
(A) Dry bulb temperature (B) Wet bulb temperature (C) Dew point temperature
(D) Specific humidity
8. The undesirable property of a refrigerant is
(A) Non-toxic (B) Non-flammable (C) Non-explosive (D) High boiling point
9. The process, generally used in summer air-conditioning to cool and dehumidify the air, is called
(A) Humidification (B) Dehumidification (C) Heating and humidification
(D) Cooling and dehumidification
10. The leakage in a refrigeration system using ammonia is detected by
(A) Halide torch (B) Sulphur sticks (C) Soap and water (D) All of these
11. The lowest temperature during the cycle in a vapour compression system occurs after
(A) Compression (B) Expansion (C) Condensation (D) Evaporation
12. In a domestic refrigerator, a capillary tube controls the flow of refrigerant from the
(A) Expansion valve to the evaporator (B) Evaporator to the thermostat
(C) Condenser to the expansion valve (D) Condenser to the evaporator
13. The refrigerant used in small tonnage commercial machines (hermetically sealed units) is
(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
14. When the air is passed through an insulated chamber having sprays of water maintained at a temperature higher than the dew point temperature of entering air but lower than its dry bulb temperature, then the air is said to be
(A) Cooled and humidified (B) Cooled and dehumidified
(C) Heated and humidified (D) Heated and dehumidified
15. A refrigerant compressor is used to
(A) Raise the pressure of the refrigerant (B) Raise the temperature of the refrigerant
(C) Circulate the refrigerant through the refrigerating system (D) All of the above
16. In aqua ammonia absorption refrigeration system, incomplete rectification leads to accumulation of water in
(A) Condenser (B) Evaporator (C) Absorber (D) None of these

17. Most air cooled condensers are designed to operate with a temperature difference of
(A) 5°C (B) 8°C (C) 14°C (D) 22°C
18. In a reversed Brayton cycle, the heat is absorbed by the air during
(A) Isentropic compression process (B) Constant pressure cooling process
(C) Isentropic expansion process (D) Constant pressure expansion process
19. Wet bulb temperature is the temperature of air recorded by a thermometer, when
(A) It is not affected by the moisture present in the air
(B) Its bulb is surrounded by a wet cloth exposed to the air
(C) The moisture present in it begins to condense
(D) None of the above
20. The difference between dry bulb temperature and dew point temperature, is called
(A) Dry bulb depression (B) Wet bulb depression
(C) Dew point depression (D) Degree of saturation
21. In mechanical refrigeration system, the refrigerant has the maximum temperature
(A) In evaporator (B) Before expansion valve
(C) Between compressor and condenser (D) Between condenser and evaporator
22. The central air conditioning system has _____ overall efficiency as compared to individual systems.
(A) Same (B) Lower (C) Higher (D) None of these
23. Moisture should be removed from refrigerants to avoid
(A) Freezing at the expansion valve (B) Restriction to refrigerant flow
(C) Corrosion of steel plates (D) All of these
24. The specific humidity during humidification process
(A) Remains constant (B) Increases (C) Decreases (D) None of these
25. During a refrigeration cycle, heat is rejected by the refrigerant in a
(A) Compressor (B) Condenser (C) Evaporator (D) Expansion valve
26. In a vapour compression system, the condition of refrigerant is dry saturated vapour
(A) Before entering the compressor (B) After leaving the compressor
(C) Before entering the condenser (D) After leaving the condenser
27. During sensible cooling of air, specific humidity
(A) Remains constant (B) Increases (C) Decreases (D) None of these
28. In a psychrometric chart, specific humidity (moisture content) lines are
(A) Vertical and uniformly spaced (B) Horizontal and uniformly spaced
(C) Horizontal and non-uniformly spaced (D) Curved lines
29. The horizontal and non-uniformly spaced lines on a psychrometric chart indicates
(A) Dry bulb temperature (B) Wet bulb temperature
(C) Dew point temperature (D) Specific humidity
30. In a vapour compression refrigeration system, a throttle valve is used in place of an expander because
(A) It considerably reduces mass of the system (B) It improves the C.O.P., as the condenser is small
(C) The positive work in isentropic expansion of liquid is very small (D) It leads to significant cost reduction
31. The ratio of the actual mass of water vapour in a unit mass of dry air to the mass of water vapour in the same mass of dry air when it is saturated at the same temperature and pressure, is called
(A) Humidity ratio (B) Relative humidity (C) Absolute humidity (D) Degree of saturation
32. During dehumidification process, _____ remains constant.
(A) Wet bulb temperature (B) Relative humidity (C) Dry bulb temperature (D) Specific humidity
33. Pressure of water vapour is given by
(A) $0.622\ Pv/(Pb - Pv)$ (B) $\mu/[1 - (1 - \mu)(Ps/Pb)]$ (C) $[Pv(Pb - Pd)]/[Pd(Pb - Pv)]$ (D) None of these
34. R-12 is generally preferred over R-22 in deep freezers since
(A) It has low operating pressures (B) It gives higher coefficient of performance
(C) It is miscible with oil over large range of temperatures (D) All of the above
35. In a spray washing system, if the temperature of water is higher than the dry bulb temperature of entering air, then the air is

37. An infinite parallel planes with emissivities e_1 and e_2, the interchange factor for radiation from surface 1 to surface 2 is given by

(A) $(e_1 + e_2)/ e_1 + e_2 - e_1e_2$ (B) $1/e_1 + 1/e_2$ (C) $e_1 + e_2$ (D) e_1e_2

38. The emissivity of a polished silver body is _____ as compared to black body.

(A) Same (B) Low (C) Very low (D) High

39. Air refrigerator works on

(A) Reversed Carnot cycle (B) Bell Coleman cycle (C) Both (A) and (B) (D) None of these

40. The relative coefficient of performance is equal to

(A) (Theoretical C.O.P.)/ (Actual C.O.P.) (B) (Actual C.O.P.) /(Theoretical C.O.P.)

(C) (Actual C.O.P.) × (Theoretical C.O.P.) (D) None of these

41. In case of sensible cooling of air, the coil efficiency is given by

(A) B.P.F. – 1 (B) 1 / B.P.F. (C) 1/ B.P.F. (D) 1 + B.P.F.

42. For large tonnage (more than 200 TR) air-conditioning applications, the compressor recommended is

(A) Reciprocating (B) Rotating (C) Centrifugal (D) Screw

43. The wet bulb temperature during sensible cooling of air

(A) Remains constant (B) Increases (C) Decreases (D) None of these

44. A condenser of refrigeration system rejects heat at the rate of 120 kW, while its compressor consumes a power of 30 kW. The coefficient of performance of the system will be

(A) ¼ (B) 1/3 (C) 3 (D) 4

45. A refrigerant with the highest critical pressure is

(A) R-11 (B) R-12 (C) R-22 (D) Ammonia

46. The unit of thermal diffusivity is

(A) m/hK (B) m/h (C) m^2/h (D) m^2/hK

47. The comfort conditions in air conditioning are at (where DBT = Dry bulb temperature, and RH = Relative humidity)

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(C) 22°C DBT and 60% RH (D) 25°C DBT and 40% RH

48. The pressure at the outlet of a refrigerant compressor is called

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49. The bypass factor, in case of sensible cooling of air, is given by (where td_1 = Dry bulb temperature of air entering the cooling coil, td_2 = Dry bulb temperature of air leaving the cooling coil, and td_3 = Dry bulb temperature of the cooling coil)

(A) $(td_1 - td_3)/(td_2 - td_3)$ (B) $(td_2 - td_3)/(td_1 - td_3)$ (C) $(td_3 - td_1)/(td_2 - td_3)$ (D) $(td_3 - td_2)/(td_1 - td_3)$

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Kakapalayam (PO) Salem - 637

KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	A. Anish				
Register No	611212114004				
Date	27.7.15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	36				

43

ANSWER ALL THE QUESTIONS-(50X01=50)

1. Which of the following refrigerant is highly toxic and flammable?
(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
2. The dehumidification process, on the psychrometric chart, is shown by
(A) Horizontal line (B) Vertical line (C) Inclined line (D) Curved line
3. The wet bulb temperature at 100% relative humidity is _____ dry bulb temperature.
(A) Same as (B) Lower than (C) Higher than (D) None of these
4. The human body feels comfortable when the heat stored in the body is
(A) Positive (B) Negative (C) Zero (D) None of these
5. The heat rejection factor (HRF) is given by
(A) 1 + C.O.P (B) 1 - C.O.P. (C) 1 + (1/C.O.P) (D) 1 - (1/C.O.P)
6. In order to collect liquid refrigerant and to prevent it from going to a _____, a device known as accumulator is used at the suction of compressor.
(A) Compressor (B) Condenser (C) Expansion valve (D) Evaporator
7. The vertical and uniformly spaced lines on a psychrometric chart indicates
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10. The leakage in a refrigeration system using ammonia is detected by
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11. The lowest temperature during the cycle in a vapour compression system occurs after
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12. In a domestic refrigerator, a capillary tube controls the flow of refrigerant from the
(A) Expansion valve to the evaporator (B) Evaporator to the thermostat
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13. The refrigerant used in small tonnage commercial machines (hermetically sealed units) is
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DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	A. Anish				
Register No	611212114004				
Date	27.7.15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	36				

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17. Most air cooled condensers are designed to operate with a temperature difference of
(A) 5°C (B) 8°C (C) 14°C (D) 22°C
18. In a reversed Brayton cycle, the heat is absorbed by the air during
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19. Wet bulb temperature is the temperature of air recorded by a thermometer, when
(A) It is not affected by the moisture present in the air
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21. In mechanical refrigeration system, the refrigerant has the maximum temperature
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(A) It considerably reduces mass of the system (B) It improves the C.O.P., as the condenser is small
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31. The ratio of the actual mass of water vapour in a unit mass of dry air to the mass of water vapour in the same mass of dry air when it is saturated at the same temperature and pressure, is called
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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	S. Navaneetham				
Register No	611212114093				
Date	~~611212114093~~ 27-7-15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	47				

48

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	V. Nataraj an				
Register No	611217114092				
Date	27/2/15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	A2				

42

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13. The refrigerant used in small tonnage commercial machines (hermetically sealed units) is
(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
14. When the air is passed through an insulated chamber having sprays of water maintained at a temperature higher than the dew point temperature of entering air but lower than its dry bulb temperature, then the air is said to be
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15. A refrigerant compressor is used to
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16. In aqua ammonia absorption refrigeration system, incomplete rectification leads to accumulation of water in
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(A) 5°C (B) 8°C (C) 14°C (D) 22°C
18. In a reversed Brayton cycle, the heat is absorbed by the air during
(A) Isentropic compression process (B) Constant pressure cooling process
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(B) Its bulb is surrounded by a wet cloth exposed to the air
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21. In mechanical refrigeration system, the refrigerant has the maximum temperature
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22. The central air conditioning system has _____ overall efficiency as compared to individual systems.
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24. The specific humidity during humidification process
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25. During a refrigeration cycle, heat is rejected by the refrigerant in a
(A) Compressor (B) Condenser (C) Evaporator (D) Expansion valve
26. In a vapour compression system, the condition of refrigerant is dry saturated vapour
(A) Before entering the compressor (B) After leaving the compressor
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(C) The positive work in isentropic expansion of liquid is very small (D) It leads to significant cost reduction
31. The ratio of the actual mass of water vapour in a unit mass of dry air to the mass of water vapour in the same mass of dry air when it is saturated at the same temperature and pressure, is called
(A) Humidity ratio (B) Relative humidity (C) Absolute humidity (D) Degree of saturation
32. During dehumidification process, _____ remains constant.
(A) Wet bulb temperature (B) Relative humidity (C) Dry bulb temperature (D) Specific humidity
33. Pressure of water vapour is given by
(A) $0.622\ Pv/(Pb - Pv)$ (B) $\mu/[1 - (1 - \mu)(Ps/Pb)]$ (C) $[Pv(Pb - Pd)]/[Pd(Pb - Pv)]$ (D) None of these
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35. In a spray washing system, if the temperature of water is higher than the dry bulb temperature of entering air, then the air is

37. An infinite parallel planes with emissivities e_1 and e_2, the interchange factor for radiation from surface 1 to surface 2 is given by

(A) $(e_1 + e_2)/ e_1 + e_2 - e_1e_2$ (B) $1/e_1 + 1/e_2$ (C) $e_1 + e_2$ (D) e_1e_2

38. The emissivity of a polished silver body is _____ as compared to black body.

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39. Air refrigerator works on

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(A) (Theoretical C.O.P.)/ (Actual C.O.P.) (B) (Actual C.O.P.) /(Theoretical C.O.P.)

(C) (Actual C.O.P.) × (Theoretical C.O.P.) (D) None of these

41. In case of sensible cooling of air, the coil efficiency is given by

(A) B.P.F. – 1 (B) 1 - B.P.F. (C) 1/ B.P.F. (D) 1 + B.P.F.

42. For large tonnage (more than 200 TR) air-conditioning applications, the compressor recommended is

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44. A condenser of refrigeration system rejects heat at the rate of 120 kW, while its compressor consumes a power of 30 kW. The coefficient of performance of the system will be

(A) ¼ (B) 1/3 (C) 3 (D) 4

45. A refrigerant with the highest critical pressure is

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46. The unit of thermal diffusivity is

(A) m/hK (B) m/h (C) m^2/h (D) m^2/hK

47. The comfort conditions in air conditioning are at (where DBT = Dry bulb temperature, and RH = Relative humidity)

(A) 25°C DBT and 100% RH (B) 20°C DBT and 80% RH

(C) 22°C DBT and 60% RH (D) 25°C DBT and 40% RH

48. The pressure at the outlet of a refrigerant compressor is called

(A) Suction pressure (B) Discharge pressure (C) Critical pressure (D) Back pressure

49. The bypass factor, in case of sensible cooling of air, is given by (where td_1 = Dry bulb temperature of air entering the cooling coil, td_2 = Dry bulb temperature of air leaving the cooling coil, and td_3 = Dry bulb temperature of the cooling coil)

(A) $(td_1 - td_3)/(td_2 - td_3)$ (B) $(td_2 - td_3)/(td_1 - td_3)$ (C) $(td_3 - td_1)/(td_2 - td_3)$ (D) $(td_3 - td_2)/(td_1 - td_3)$

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(A) 1.86 kW (B) 3.72 kW (C) 7.44 kW (D) 18.6 kW

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DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	V Logesh				
Register No	611212114072				
Date	27-7-15	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
Faculty Signature	48				

48

ANSWER ALL THE QUESTIONS-(50X01=50)

1. Which of the following refrigerant is highly toxic and flammable?
(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
2. The dehumidification process, on the psychrometric chart, is shown by
(A) Horizontal line (B) Vertical line (C) Inclined line (D) Curved line
3. The wet bulb temperature at 100% relative humidity is _____ dry bulb temperature.
(A) Same as (B) Lower than (C) Higher than (D) None of these
4. The human body feels comfortable when the heat stored in the body is
(A) Positive (B) Negative (C) Zero (D) None of these
5. The heat rejection factor (HRF) is given by
(A) 1 + C.O.P (B) 1 - C.O.P. (C) 1 + (1/C.O.P) (D) 1 - (1/C.O.P)
6. In order to collect liquid refrigerant and to prevent it from going to a _____, a device known as accumulator is used at the suction of compressor.
(A) Compressor (B) Condenser (C) Expansion valve (D) Evaporator
7. The vertical and uniformly spaced lines on a psychrometric chart indicates
(A) Dry bulb temperature (B) Wet bulb temperature (C) Dew point temperature
(D) Specific humidity
8. The undesirable property of a refrigerant is
(A) Non-toxic (B) Non-flammable (C) Non-explosive (D) High boiling point
9. The process, generally used in summer air conditioning to cool and dehumidify the air, is called
(A) Humidification (B) Dehumidification (C) Heating and humidification
(D) Cooling and dehumidification
10. The leakage in a refrigeration system using ammonia is detected by
(A) Halide torch (B) Sulphur sticks (C) Soap and water (D) All of these
11. The lowest temperature during the cycle in a vapour compression system occurs after
(A) Compression (B) Expansion (C) Condensation (D) Evaporation
12. In a domestic refrigerator, a capillary tube controls the flow of refrigerant from the
(A) Expansion valve to the evaporator (B) Evaporator to the thermostat
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13. The refrigerant used in small tonnage commercial machines (hermetically sealed units) is
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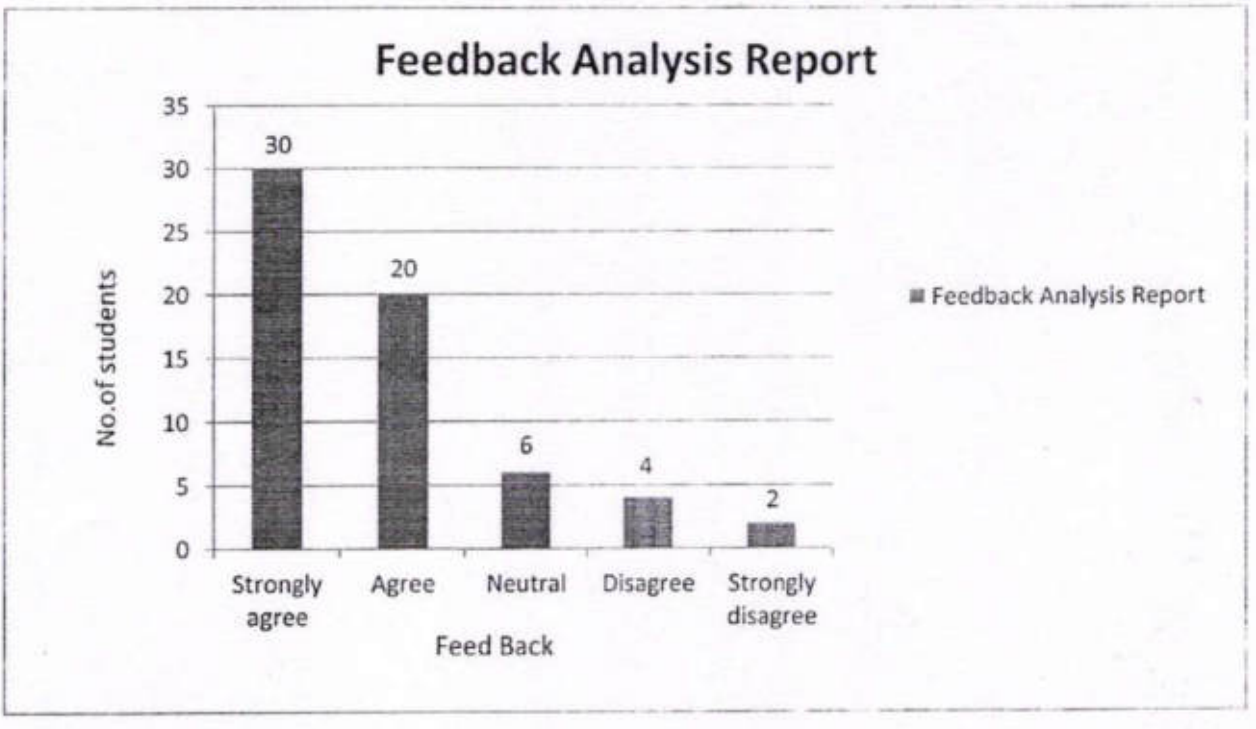
Department Of Mechanical Engineering

Academic Year: 2015-2016 Batch: 2012-2016 Year:IV



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Certificate of Completion

This certificate is awarded to

ARUN.M.S (611212114006)

In recognition of sucessful completion of

"*Design of Practical HVAC System*"

Conducted by "IIK-Center" from 08.06.2015 to 25.06.2015 Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India.

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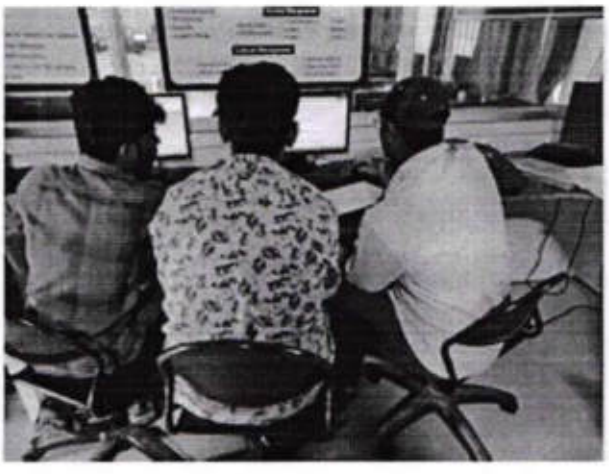
Approved by AICTE, Affiliated to Anna University, Chennai.

Report of Program / Event Conducted

Name of the Program / Event		Solid Modeling (Level-1) using CATIA software	
Resource Person details		Mr.J.Prakash Assistant Professor, Dept. of Mechanical Engg. KIOT	
Organizing Dept. / Cell	Mechanical	Details of Participant	III Students= 102
Date, Time and Venue	18.01.2016 – 02.02.2016 COE – CRCPDT, A-Block, KIOT.		

Description of the program

1. He discussed about 4 features of CATIA software. It contains CATIA basic level.
2. He explained about sketcher workbench, part modeling, and assembly design.
3. Also he explained about Geometric Dimensioning and Tolerancing (GD&T). He shared his personal experiences and difficulties he faced in his Industrial Career.



Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

From

Dr.H.Abdul Zubar,
Associate Professor,
Department of Mechanical Engineering,
Knowledge Institute of Technology,
Salem.

To

The Principal,
Knowledge Institute of Technology,
Salem .

Through: Head of the Department, Department of Mechanical Engineering

Respected Sir,

Sub: Certification Course conduction–regarding

Composite research Centre for Product Design, Digital Manufacturing and Technical Documentation (CRCPDT) and Designers club is jointly organizing Solid Modeling (Level-1) using CATIA software. In this regard, I request your permission to execute the Certificate course for Mechanical Engineering students.

Thanking You

Salem

07.01.2016

Forwarded to the principal

Yours Faithfully

Dr.H.Abdul Zubar

PRINCIPAL,
Knowledge Institute of Technology
Kanjapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504			
CIRCULAR			
Circular No.		**Date**	**07.01.2016**
To	III-Year students		
Subject	Solid Modeling (Level-1) using CATIA software		

This is to inform you that Center of Excellence – Composite Research Centre for Product Design, Digital Manufacturing and Technical Documentation (CRCPDT) & Designers Club has planned to conduct CATIA course for III year students. Interested candidates are requested to register their names to COE Incharge.

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	RESOURCE PERSON
1	Solid Modeling (Level-1) using CATIA software	COE – CRCPDT, A-Block, KIOT. 18.01.2016 – 02.02.2016	Mr.J.Prakash AP Mechanical Engg. KIOT

For Further Details Kindly Contact: Mr. J.Prakash, AP/Mech, Faculty Incharge, COE-CRCPDT. M:+91 9789565007

Faculty I/c **HOD** **PRINCIPAL**

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Knowledge Institute of Technology
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Certificate Course
on
Solid Modeling (Level-1) using CATIA software

17.01.2017 to 02.02.2017

Organized by

Department of Mechanical Engineering

KNOWLEDGE
INSTITUTE OF TECHNOLOGY

KIOT campus, Kakapalayam (PO), Salem-637 504,
Tamil Nadu, India.
www.kiot.ac.in

in association with

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About KIOT

Knowledge Institute of Technology (KIOT) is a brain-child of 22 eminent professors from leading engineering colleges and 20 first generation entrepreneurs with a vision to build our nation through quality education. KIOT was established in 2009 with noble vision and mission of Dr.PSS.Srinivasan, who is leading this institution. He has a total of 26 years experience in teaching and research, supervised 14 Ph.Ds, supervising 2 Ph.D. scholars, and published over 200 research articles in International and National forums.

Vision of KIOT is to become one among the top 500 best universities in the world by 2035. KIOT has emerged as one among the best in class institutions in our region and performing in all the domain such as Academics, Research, Consultancy works and Training and Placement within a short span of 8 years. As a proven record, in the year 2016-17, based on single window system by Anna University, KIOT counselling seats were filled in second position in salem district and one among top 5 in the region. KIOT has a placement record of more than 90% students' placement before leaving the campus in the last three years. The institute has a team of 215 dedicated faculty members, 17 faculty with Ph.D, and 25 faculty pursuing their research. Knowledge Business School Salem (KBSS) is the sister institution situated in the same KIOT Campus, which offers best in class MBA programme.

About the Department

Vision: To create competent and industry relevant Mechanical Engineers with professional and social values to meet global challenges.

Mission:

- Enabling environment for effective teaching - learning and research to meet global challenges.
- Motivating students to pursue higher education and to excel in competitive examinations and entrepreneurship.
- Establish a continuous Industry Institute Interaction to make the students employable.
- Inculcate the students leadership quality with ethical values and spirit of team work.

Department of Mechanical Engineering is one of the vibrant departments of KIOT, which offers B.E Mechanical Engineering and M.E Industrial Safety Engineering.The Department is rich in term of faculty members with an average teaching experience of 9 years and research exposure of 4 years. The Department has a team of 53 dedicated members of faculty, 6 with Ph.D and 6 pursuing their research. The Department has established industrial collaborative research centres with Harita Techserv Pvt., Ltd., Bahwan CyberTek Pvt., Ltd., Seven Standards Industrial Solution Pvt., Ltd., and IAPMO (International Association of Plumbing and Mechanical Officials)

SYLLABUS

1.Introduction to CATIA V5

Introduction About CATIA V5, History of CATIA, CATIA modeling process, Parametric design concept, feature based design. About

PLM, CATIA Features, SKETCHER, Creating the new part.

2.SKETCHER WORKBENCH

Basic sketch. Sketch in task environment. Selection tools. Profile, Predefined shapes, Circles, Spline, Conics, Line, Points, Operations. Corner, Chamfer, Projections, Transformations.

Constrains, Constrain dialogue box, Constrains, Fix together, Animate constrain, Edit multi constrain, Sketch tools, Grid, Snap on grid, Construction. Geometrical constrains, Dimensional constrains., Sketch analysis Visualization tools, View tool bar, Workbench.

3.PART MODELING

Sketch based features Pad, Multipad, Drafted filleted pad. Pocket, Multipocket, Drafted filleted pocket Shafts, groove Holes Rib, Slots Solid combine, Stiffner.

Multi section solid, Multi section solid removal Edit Geometry, Parent child relationship, copy & paste features, Dress up features -Edge fillet, Variable radius fillet, Face to face fillet, Tri tangent fillet Chamfer Drafts.

Drafted reflected line, Variable angle draft Shell feature, Thicken Thread, Remove face, Replace face Transformation Features- Translation, Rotation, Symmetry, Axis to axis Mirror, Pattern-Rectangular.

Circular, User defined Design table, Power copy, Functions and relations, Catalog Scaling-Scale, Affinity Reference elements- Point, Axis, Planes, Boolean operations- Assemble, Add, Remove, Intersect, Union trim.

4. ASSEMBLY DESIGN

Introduction on assembly Assembly approaches-Top down assembly, Bottom up assembly Product structure tools Component, Product, Part Existing component, Existing component with positioning Replace component.

Graph tree reordering, Generate numbering Fast multi installation, Define multi installation Move options Manipulations Snap, Smart move Explode Stop manipulation on clash Assembly constrains Coincident, Contact constrain, Offset.

Angular, parallel, Perpendicular, Fix together, Quick constrain, Change constrain, Reuse pattern Assembly Features Split, Hole, Pocket, Add, Remove Symmetry in assembly.

5. DRAFTING AND DETAILING

Introduction on drafting Standards, Templates in drafting Creating the drawing Views Front view, Unfolded view, Projections, Auxiliary view, Isometric view, Advanced front view Sections Detail view, Clipping view, Broken view, View creation wizard Dimensions Dimensions, Chained dimensions, Cumulated dimensions

Stacked dimensions, Distance, Angular, Radius, Diameter, Chamfer dimensions, Thread dimensions, Coordinate dimensions, Hole dimension table and coordinate dimension table Dimension edition, Datum feature, Geometric tolerance Annotations Text, Text with leader, Balloon, Datum target, Text template replacement Symbols and Table creation Dress up Centre line. Area fill creations, Arrow Geometry creation Points, Lines, Circle and Ellipse, Profiles, Curves tools, Transformation tools, Constrains Generation Generate dimensions, Generate balloons, Bill of material generation Saving and Formats.

6. GENERATIVE SHEET METAL DESIGN

Introduction about sheet metal design Sheet metal parameters Walls-Wall, wall on edge. Extrusion Flange, Hem, Tear drop, User flange Recognize tool Rolled wall Hopper.

Free form surface, Rolled wall Bending Bend, Conical bend Bend from flat, Folding, Unfolding Point or curve mapping Cutting and stamping Pocket.

Hole, Circular cutout, corner relief, Fillet, Chamfer.

7. GENERATIVE SHAPE DESIGN

Wireframe Points, Points and plane repetition, Extemum and Extemum polar Line, Axis, Polyline Planes Projection.

Combine, Reflect line, Silhouette Parallel curve, Rolling offset, 3D offset Circle, and Corner. Connect curve, Conic Spline, Helix, Spiral, Curve from plane, Contour, Revolve, Sphere, Cylinder

Isoparametric curve Surfaces Extrude, Offset surfaces Sweeps and adaptive sweep Fill surfaces, Multisection surface. Blend surface Operations Join Split and Trim Extracts Shape fillets Chamfer Translate Extrapolate BIW templates Advance surfacing.

For Registration Kindly Contact:
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M:+91 9789565007, Mail:jpmech@kiot.ac.in

KNOWLEDGE INSTITUTE OF TECHNOLOGY Department of Mechanical Engineering Course Plan			
Name of the COE	Composite Research Centre for Product Design, Digital Manufacturing and Technical Documentation (CRCPDT)		
Name of the Course	CATIA V5		
Solid Modeling (Level-1) using CATIA software	04	Number of Hours	32 hours
Solid Modeling (Level-1) using CATIA software	03	Number of Hours	32 hours

EXECUTION SCHEDULE

Module No.	Name of the Module	No. of Hours
1	Introduction to CATIA V5	02
2	Sketcher Workbench	06
3	Part Modeling	12
4	Assembly Design	12
5	Drafting and Detailing	08
6	Generative Sheet metal Design	12
7	Generative Shape Design	12

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Detailed Execution Plan

Name of the Course Module: 1.Introduction to CATIA V5

Duration: 02 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
1	Introduction About CATIA V5, History of CATIA, CATIA modeling process, Parametric design concept, feature based design. About PLM, CATIA Features, SKETCHER, Creating the new part.	1	1	-	Day 1

Detailed Execution Plan

Name of the Course Module: 2.SKETCHER WORKBENCH

Duration: 06

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
2.1	Basic sketch, Sketch in task environment, Selection tools, Profile, Predefined shapes, Circles, Spline, Conics, Line, Points, Operations, Corner, Chamfer, Projections, Transformations.	1	2	-	Day 2
2.2	Constrains, Constrain dialogue box, Constrains, Fix together, Animate constrain, Edit multi constrain, Sketch tools, Grid, Snap on grid, Construction. Geometrical constrains, Dimensional constrains., Sketch analysis Visualization tools, View tool bar, Workbench.	1	2	-	Day 3

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Detailed Execution Plan

Name of the Course Module: 4. Assembly Design

Duration: 12

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
4.1	Introduction on assembly Assembly approaches-Top down assembly, Bottom up assembly Product structure tools Component, Product, Part Existing component, Existing component with positioning Replace component.	1	2	-	Day 8
4.2	Graph tree reordering, Generate numbering Fast multi installation, Define multi installation Move options Manipulations Snap	1	2	-	Day 9
4.3	Smart move Explode Stop manipulation on clash Assembly constrains Coincident, Contact constrain, Offset. Angular, parallel, Perpendicular, Fix together, Quick constrain, Change constrain,	1	2	-	Day 10
4.4	Reuse pattern Assembly Features Split, Hole, Pocket, Add, Remove Symmetry in assembly.	1	2		Day 11

Detailed Execution Plan

Name of the Course Module: 5. Drafting and Detailing

Duration: 08

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
	Introduction on drafting Standards, Templates in drafting Creating the drawing Views Front view, Unfolded view, Projections, Auxiliary view, Isometric view,	1	1	-	Day 1

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Detailed Execution Plan Name of the Course Module: 3.PART MODELING Duration: 12					
Module No.	**Name of the Module**	**Teaching Hours**	**Practical Hours**	**Self-Study Hours**	**Course Plan (Day wise)**
3.1	Sketch based features Pad, Multipad, Drafted filleted pad. Pocket, Multipocket, Drafted filleted pocket Shafts, groove Holes Rib, Slots Solid combine, Stiffner.	1	2	-	Day 4
3.2	Multi section solid, Multi section solid removal Edit Geometry, Parent child relationship, copy & paste features, Dress up features -Edge fillet, Variable radius fillet, Face to face fillet, Tri tangent fillet Chamfer Drafts.	1	2		Day 5
3.3	Drafted reflected line, Variable angle draft Shell feature, Thicken Thread, Remove face, Replace face Transformation Features- Translation, Rotation, Symmetry, Axis to axis Mirror, Pattern- Rectangular.	1	2	-	Day 6
3.4	Circular, User defined Design table, Power copy, Functions and relations, Catalog Scaling- Scale, Affinity Reference elements- Point, Axis, Planes, Boolean operations- Assemble, Add, Remove, Intersect, Union trim.	1	2	-	Day 7

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5.1	Advanced front view Sections Detail view, Clipping view, Broken view, View creation wizard Dimensions Dimensions, Chained dimensions, Cumulated dimensions.				
5.2	Stacked dimensions, Distance, Angular, Radius, Diameter, Chamfer dimensions, Thread dimensions, Coordinate dimensions, Hole dimension table and coordinate dimension table Dimension edition, Datum feature	1	2	-	Day 2
5.3	Geometric tolerance Annotations Text, Text with leader, Balloon, Datum target, Text template replacement Symbols and Table creation Dress up Centre line. Area fill creations, Arrow Geometry creation Points, Lines, Circle and Ellipse, Profiles, Curves tools, Transformation tools, Constrains Generation Generate dimensions, Generate balloons, Bill of material generation Saving and Formats.	1	2	-	Day 3

Detailed Execution Plan

Name of the Course Module: 6. Generative Sheet metal Design

Duration: 12

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
6.1	Introduction about sheet metal design Sheet metal parameters Walls-Wall, wall on edge	1	2	-	Day 4
6.2	Extrusion Flange, Hem, Tear drop, User flange Recognize tool Rolled wall Hopper. Free form surface	1	2	-	Day 5

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6.3	Rolled wall Bending Bend, Conical bend Bend from flat, Folding, Unfolding Point	1	2	-	Day 6
6.4	Curve mapping Cutting and stamping Pocket Hole, Circular cutout, corner relief, Fillet, Chamfer.	1	2	-	Day 7

Detailed Execution Plan

Name of the Course Module: 7. Generative Shape Design

Duration: 12

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
7.1	Wireframe Points, Points and plane repetition, Extemum and Extemum polar Line, Axis, Polyline Planes Projection.	1	2	-	Day 8
7.2	Combine, Reflect line, Silhouette Parallel curve, Rolling offset, 3D offset Circle, and Corner. Connect curve, Conic Spline, Helix, Spiral, Curve from plane, Contour, Revolve, Sphere, Cylinder	1	2	-	Day 9
7.3	Isoparametric curve Surfaces Extrude, Offset surfaces Sweeps and adaptive sweep Fill surfaces, Multisection surface.	1	2	-	Day 10
7.4	Blend surface Operations Join Split and Trim Extracts Shape fillets Chamfer Translate Extrapolate BIW templates Advance surfacing.	1	2		Day 11

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DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE
NAME LIST

S.NO	SEC	REG. NO	NAME	YEAR	Remarks
1	B	611213114001	AJAY.S.P	III/VI	
2	A	611213114002	AJITH R	III/VI	
3	D	611213114004	AKIL.R	III/VI	
4	B	611213114005	ANANTHA KUMAR.S	III/VI	
5	A	611213114007	ARAVINTH.G	III/VI	
6	C	611213114008	ARUNBALAAJI.S.V	III/VI	
7	A	611213114011	ARVIND .M	III/VI	
8	A	611213114012	ASHWIN SAMUEL.P	III/VI	
9	A	611213114013	BABU .S	III/VI	
10	C	611213114014	BALAJIARAVINDARAJA.V	III/VI	
11	C	611213114015	BALAKRISHNAN R	III/VI	
12	C	611213114017	BALAMURUGAN M	III/VI	
13	A	611213114019	BALU VENKATESH. M	III/VI	
14	D	611213114020	BARKISH BANU .M	III/VI	
15	A	611213114021	BHARATH S	III/VI	
16	A	611213114024	BOOPATHY.R	III/VI	
17	A	611213114025	CHANDRASEKARAN. V	III/VI	
18	D	611213114030	DHANAPALAN .M	III/VI	
19	A	611213114033	ELANGGOVAN G M	III/VI	
20	A	611213114037	GIRIVASAN M	III/VI	
21	C	611213114038	GOKUL K S	III/VI	
22	C	611213114039	GOKUL R	III/VI	
23	A	611213114041	GOKUL KRISHNAN M	III/VI	
24	A	611213114044	GOPINATH.J	III/VI	
25	A	611213114045	GOPINATH K	III/VI	
26	A	611213114047	GOVINDARAJ .P	III/VI	
27	A	611213114048	GOWTHAM N	III/VI	
28	D	611213114049	GOWTHAM RA	III/VI	
29	A	611213114050	GOWTHAM .S	III/VI	
30	B	611213114052	GOWTHAMA ARJUN.V.AR	III/VI	
31	B	611213114053	GOWTHAMAN.R	III/VI	
32	A	611213114055	HARIGARA SUDAN.V	III/VI	
33	A	611213114056	HARIHARAKRISHNAN.S	III/VI	
34	D	611213114058	HARI PRASATH.M	III/VI	
35	C	611213114059	HARIRAMAN R	III/VI	
36	C	611213114064	JAYACHANDRAN.R	III/VI	
37	D	611213114065	JAYAPRASATH .S.R	III/VI	
38	C	611213114066	JAYASRI MEENACHI V	III/VI	
39	D	611213114067	JAYAVEL C	III/VI	
40	A	611213114068	JEEVANANTH.M	III/VI	

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S.NO	SEC	REG. NO	NAME	YEAR	Remarks
41	A	611213114069	JOHN WESLY.M	III/VI	
42	D	611213114070	JOTHIKUMAR.A	III/VI	
43	A	611213114074	KARTHE.R	III/VI	
44	C	611213114076	KARTHICK RAJAN.N	III/VI	
45	A	611213114077	KARTHIK D	III/VI	
46	B	611213114078	KARTHIK.S	III/VI	
47	A	611213114080	KARTHIKEYAN.M	III/VI	
48	C	611213114081	KARTHIKRAJA.P	III/VI	
49	D	611213114083	KAVINKUMAR.P	III/VI	
50	A	611213114084	KAVINRAJ S R	III/VI	
51	D	611213114085	KEERTHANA .R	III/VI	
52	D	611213114087	KESHAV.S	III/VI	
53	B	611213114088	KISHORE.K.V	III/VI	
54	C	611213114089	KISHORE KUMAR M	III/VI	
55	C	611213114090	KRISHNAKUMAR.K	III/VI	
56	A	611213114092	KUGESHWARAN.T	III/VI	
57	B	611213114094	LOGESH.E	III/VI	
58	B	611213114096	MADHAVARAJ.S	III/VI	
59	A	611213114097	MADHUSUDHANAN .N	III/VI	
60	A	611213114098	MAGESWARAN.K	III/VI	
61	B	611213114099	MAHESWARAN.M	III/VI	
62	B	611213114102	MAMTHA SHREE.S	III/VI	
63	B	611213114108	MANJULA DEVI.M.K	III/VI	
64	A	611213114110	MANOJ.S	III/VI	
65	B	611213114113	MITUN.M	III/VI	
66	D	611213114118	MOHANRAJ.P	III/VI	
67	B	611213114121	MOHANRAJA.E	III/VI	
68	D	611213114129	NAVEENKUMAR. P	III/VI	
69	C	611213114131	NAVEEN VEL M	III/VI	
70	D	611213114135	POOJA SHREE .V	III/VI	
71	C	611213114138	PRABHAKARAN.P	III/VI	
72	B	611213114144	PRAKASH .S	III/VI	
73	A	611213114153	PREM KUMAR .R	III/VI	
74	B	611213114157	RAJ KUMAR.S	III/VI	
75	B	611213114159	RAKULPRASATH.S	III/VI	
76	B	611213114167	RANJITH.M	III/VI	
77	B	611213114170	RANJITH KUMAR.M	III/VI	
78	D	611213114173	RAVINDAR.K	III/VI	
79	B	611213114181	SANKARANARAYANAN.S	III/VI	
80	B	611213114182	SANTHOSE KUMAR.D	III/VI	
81	C	611213114184	SANTHOSH RAJ.R	III/VI	
82	B	611213114186	SARANYA.M	III/VI	
83	A	611213114197	SHARMA .P	III/VI	
84	B	611213114202	SOUNDARRAJAN.S	III/VI	
85	C	611213114214	TAMILMOZHIVARMAN R	III/VI	

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S.NO	SEC	REG. NO	NAME	YEAR	Remarks
86	C	611213114215	TAMIL SELVAN.J	III/VI	
87	C	611213114217	THAARUN.V.G	III/VI	
88	B	611213114218	THAMARAI KANNAN.A	III/VI	
89	C	611213114219	THAMARAISELVAM.K	III/VI	
90	C	611213114235	VIKNESH.A.H	III/VI	
91	C	611213114301	ARDHANARI M	III/VI	
92	A	611213114302	ARUL R	III/VI	
93	D	611213114311	JAYARAM L	III/VI	
94	C	611213114312	JOSEPH MARTIN A	III/VI	
95	B	611213114315	MANIKANDAN P	III/VI	
96	B	611213114316	MANIKANDAN R	III/VI	
97	B	611213114317	MANOJKUMAR S	III/VI	
98	C	611213114320	NAVANEETHA KRISHNAN R	III/VI	
99	B	611213114322	PRABHU J	III/VI	
100	C	611213114333	VELU M	III/VI	
101	C	611213114334	VENKATESAN P	III/VI	
102	C	611213114335	VETRIVEL K	III/VI	

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TRAINING ATTENDANCE SHEET (18.01.2016 to 02.02.2016)

S.NO	SEC	REG. NO	NAME	YEAR	18.01.2016	19.01.2016	20.01.2016	21.01.2016	22.01.2016	27.01.2016
1	B	611213114001	AJAY.S.P	III/VI	/	/	/	/	/	/
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3	D	611213114004	AKIL.R	III/VI	a	/	/	/	/	/
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6	C	611213114008	ARUNBALAAJI.S.V	III/VI	/	/	/	/	/	/
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31	B	611213114053	GOWTHAMAN.R	III/VI	/	/	/	/	/	/
32	A	611213114055	HARIGARA SUDAN.V	III/VI	/	/	/	/	/	/
33	A	611213114056	HARIHARAKRISHNAN.S	III/VI	/	/	/	/	/	/
34	D	611213114058	HARI PRASATH.M	III/VI	/	/	/	/	/	/
35	C	611213114059	HARIRAMAN R	III/VI	/	/	/	/	/	/
36	C	611213114064	JAYACHANDRAN.R	III/VI	/	/	/	/	/	/
37	D	611213114065	JAYAPRASATH .S.R	III/VI	/	/	/	/	/	a
38	C	611213114066	JAYASRI MEENACHI V	III/VI	/	/	/	/	/	a
39	D	611213114067	JAYAVEL C	III/VI	/	/	/	/	/	/
40	A	611213114068	JEEVANANTH.M	III/VI	/	/	/	/	/	/

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S.NO	SEC	REG. NO	NAME	YEAR	18.01.2016	19.01.2016	20.01.2016	21.01.2016	22.01.2016	27.01.2016
41	A	611213114069	JOHN WESLY.M	III/VI						
42	D	611213114070	JOTHIKUMAR.A	III/VI						
43	A	611213114074	KARTHE.R	III/VI						
44	C	611213114076	KARTHICK RAJAN.N	III/VI						
45	A	611213114077	KARTHIK D	III/VI						
46	B	611213114078	KARTHIK.S	III/VI						
47	A	611213114080	KARTHIKEYAN.M	III/VI						
48	C	611213114081	KARTHIKRAJA.P	III/VI						
49	D	611213114083	KAVINKUMAR.P	III/VI						
50	A	611213114084	KAVINRAJ S R	III/VI						
51	D	611213114085	KEERTHANA .R	III/VI						
52	D	611213114087	KESHAV.S	III/VI						
53	B	611213114088	KISHORE.K.V	III/VI						
54	C	611213114089	KISHORE KUMAR M	III/VI						
55	C	611213114090	KRISHNAKUMAR.K	III/VI						
56	A	611213114092	KUGESHWARAN.T	III/VI						
57	B	611213114094	LOGESH.E	III/VI						
58	B	611213114096	MADHAVARAJ.S	III/VI						
59	A	611213114097	MADHUSUDHANAN .N	III/VI						
60	A	611213114098	MAGESWARAN.K	III/VI						
61	B	611213114099	MAHESWARAN.M	III/VI						
62	B	611213114102	MAMTHA SHREE.S	III/VI						
63	B	611213114108	MANJULA DEVI.M.K	III/VI						
64	A	611213114110	MANOJ.S	III/VI						
65	B	611213114113	MITUN.M	III/VI						
66	D	611213114118	MOHANRAJ.P	III/VI						
67	B	611213114121	MOHANRAJA.E	III/VI						
68	D	611213114129	NAVEENKUMAR. P	III/VI						
69	C	611213114131	NAVEEN VEL M	III/VI						
70	D	611213114135	POOJA SHREE .V	III/VI						
71	C	611213114138	PRABHAKARAN.P	III/VI						
72	B	611213114144	PRAKASH .S	III/VI						
73	A	611213114153	PREM KUMAR .R	III/VI						
74	B	611213114157	RAJ KUMAR.S	III/VI						
75	B	611213114159	RAKULPRASATH.S	III/VI						
76	B	611213114167	RANJITH.M	III/VI						
77	B	611213114170	RANJITH KUMAR.M	III/VI						
78	D	611213114173	RAVINDAR.K	III/VI						
79	B	611213114181	SANKARANARAYANAN.S	III/VI						
80	B	611213114182	SANTHOSE KUMAR.D	III/VI						
81	C	611213114184	SANTHOSH RAJ.R	III/VI						
82	B	611213114186	SARANYA.M	III/VI						
83	A	611213114197	SHARMA .P	III/VI						
84	B	611213114202	SOUNDARRAJAN.S	III/VI						
85	C	611213114214	TAMILMOZHIVARMAN R	III/VI						

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S.NO	SEC	REG. NO	NAME	YEAR	18.01.2016	19.01.2016	20.01.2016	21.01.2016	22.01.2016	27.01.2016
86	C	611213114215	TAMIL SELVAN.J	III/VI	/	/	/	/	/	/
87	C	611213114217	THAARUN.V.G	III/VI	/	/	/	/	/	/
88	B	611213114218	THAMARAI KANNAN.A	III/VI	/	/	/	/	/	/
89	C	611213114219	THAMARAISELVAM.K	III/VI	/	/	/	/	/	/
90	C	611213114235	VIKNESH.A.H	III/VI	/	/	/	/	/	/
91	C	611213114301	ARDHANARI M	III/VI	/	a	a	/	/	/
92	A	611213114302	ARUL R	III/VI	/	/	/	/	/	/
93	D	611213114311	JAYARAM L	III/VI	/	/	/	/	/	/
94	C	611213114312	JOSEPH MARTIN A	III/VI	/	/	/	/	/	/
95	B	611213114315	MANIKANDAN P	III/VI	/	/	/	/	/	/
96	B	611213114316	MANIKANDAN R	III/VI	/	/	/	/	/	/
97	B	611213114317	MANOJKUMAR S	III/VI	/	/	a	/	/	/
98	C	611213114320	NAVANEETHA KRISHNAN R	III/VI	/	/	/	/	/	/
99	B	611213114322	PRABHU J	III/VI	/	/	/	/	/	/
100	C	611213114333	VELU M	III/VI	/	/	/	/	/	/
101	C	611213114334	VENKATESAN P	III/VI	/	/	/	/	/	/
102	C	611213114335	VETRIVEL K	III/VI	/	/	/	/	/	/
No. of Students Present					101	99	98	99	102	100
No. of Students Absent					01	03	04	03	—	02
Faculty Signature										

27/1/16

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DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE
TRAINING ATTENDANCE SHEET (18.01.2016 to 02.02.2016)

S.NO	SEC	REG. NO	NAME	YEAR	28.01.2016	29.01.2016	30.01.2016	01.02.2016	02.02.2016
1	B	611213114001	AJAY.S.P	III/VI	/	/	/	/	/
2	A	611213114002	AJITH R	III/VI	/	/	/	/	/
3	D	611213114004	AKIL.R	III/VI	/	a	a	/	/
4	B	611213114005	ANANTHA KUMAR.S	III/VI	/	/	/	/	/
5	A	611213114007	ARAVINTH.G	III/VI	/	/	/	/	/
6	C	611213114008	ARUNBALAAJI.S.V	III/VI	/	/	/	/	/
7	A	611213114011	ARVIND .M	III/VI	/	/	/	/	/
8	A	611213114012	ASHWIN SAMUEL.P	III/VI	/	/	/	/	/
9	A	611213114013	BABU .S	III/VI	/	/	/	/	/
10	C	611213114014	BALAJIARAVINDARAJA.V	III/VI	/	/	/	/	/
11	C	611213114015	BALAKRISHNAN R	III/VI	/	/	/	/	/
12	C	611213114017	BALAMURUGAN M	III/VI	/	/	/	/	/
13	A	611213114019	BALU VENKATESH. M	III/VI	/	/	/	/	/
14	D	611213114020	BARKISH BANU .M	III/VI	/	/	/	/	/
15	A	611213114021	BHARATH S	III/VI	/	/	/	/	/
16	A	611213114024	BOOPATHY.R	III/VI	/	/	/	/	/
17	A	611213114025	CHANDRASEKARAN. V	III/VI	/	/	/	/	/
18	D	611213114030	DHANAPALAN .M	III/VI	/	/	/	/	/
19	A	611213114033	ELANGGOVAN G M	III/VI	/	/	/	/	/
20	A	611213114037	GIRIVASAN M	III/VI	/	/	/	/	/
21	C	611213114038	GOKUL K S	III/VI	/	/	/	/	/
22	C	611213114039	GOKUL R	III/VI	/	/	/	/	/
23	A	611213114041	GOKUL KRISHNAN M	III/VI	/	/	/	/	/
24	A	611213114044	GOPINATH.J	III/VI	/	/	/	/	/
25	A	611213114045	GOPINATH K	III/VI	/	/	/	a	/
26	A	611213114047	GOVINDARAJ .P	III/VI	/	/	/	/	/
27	A	611213114048	GOWTHAM N	III/VI	/	/	/	/	/
28	D	611213114049	GOWTHAM RA	III/VI	/	/	/	/	/
29	A	611213114050	GOWTHAM .S	III/VI	/	/	/	/	/
30	B	611213114052	GOWTHAMA ARJUN.V.AR	III/VI	/	/	/	/	/
31	B	611213114053	GOWTHAMAN.R	III/VI	/	/	/	/	/
32	A	611213114055	HARIGARA SUDAN.V	III/VI	/	/	/	/	/
33	A	611213114056	HARIHARAKRISHNAN.S	III/VI	/	/	/	/	/
34	D	611213114058	HARI PRASATH.M	III/VI	/	/	/	/	a
35	C	611213114059	HARIRAMAN R	III/VI	/	/	/	/	/
36	C	611213114064	JAYACHANDRAN.R	III/VI	/	/	/	/	/
37	D	611213114065	JAYAPRASATH .S.R	III/VI	/	/	/	/	/
38	C	611213114066	JAYASRI MEENACHI V	III/VI	/	/	/	/	/
39	D	611213114067	JAYAVEL C	III/VI	/	/	/	/	/
40	A	611213114068	JEEVANANTH.M	III/VI	/	/	/	/	/

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S.NO	SEC	REG. NO	NAME	YEAR	28.01.2016	29.01.2016	30.01.2016	01.02.2016	02.02.2016
41	A	611213114069	JOHN WESLY.M	III/VI	/	/	/	/	/
42	D	611213114070	JOTHIKUMAR.A	III/VI	/	/	/	/	/
43	A	611213114074	KARTHE.R	III/VI	/	/	/	/	/
44	C	611213114076	KARTHICK RAJAN.N	III/VI	/	/	/	/	/
45	A	611213114077	KARTHIK D	III/VI	/	/	/	/	/
46	B	611213114078	KARTHIK.S	III/VI	/	/	/	/	/
47	A	611213114080	KARTHIKEYAN.M	III/VI	/	/	/	/	/
48	C	611213114081	KARTHIKRAJA.P	III/VI	/	/	/	/	/
49	D	611213114083	KAVINKUMAR.P	III/VI	/	/	/	/	/
50	A	611213114084	KAVINRAJ S R	III/VI	/	/	/	/	/
51	D	611213114085	KEERTHANA .R	III/VI	/	/	/	/	/
52	D	611213114087	KESHAV.S	III/VI	/	/	/	/	/
53	B	611213114088	KISHORE.K.V	III/VI	/	/	/	/	/
54	C	611213114089	KISHORE KUMAR M	III/VI	/	/	/	/	/
55	C	611213114090	KRISHNAKUMAR.K	III/VI	/	/	/	/	/
56	A	611213114092	KUGESHWARAN.T	III/VI	/	/	/	/	/
57	B	611213114094	LOGESH.E	III/VI	/	a	a	/	/
58	B	611213114096	MADHAVARAJ.S	III/VI	/	/	/	/	/
59	A	611213114097	MADHUSUDHANAN .N	III/VI	/	/	/	/	/
60	A	611213114098	MAGESWARAN.K	III/VI	/	/	/	/	/
61	B	611213114099	MAHESWARAN.M	III/VI	/	/	/	/	/
62	B	611213114102	MAMTHA SHREE.S	III/VI	/	/	/	/	/
63	B	611213114108	MANJULA DEVI.M.K	III/VI	/	/	/	/	/
64	A	611213114110	MANOJ.S	III/VI	/	/	/	/	/
65	B	611213114113	MITUN.M	III/VI	/	/	/	/	/
66	D	611213114118	MOHANRAJ.P	III/VI	/	/	/	/	/
67	B	611213114121	MOHANRAJA.E	III/VI	/	/	/	/	/
68	D	611213114129	NAVEENKUMAR. P	III/VI	/	/	/	/	/
69	C	611213114131	NAVEEN VEL M	III/VI	/	/	/	/	/
70	D	611213114135	POOJA SHREE .V	III/VI	/	/	/	/	/
71	C	611213114138	PRABHAKARAN.P	III/VI	/	/	/	/	/
72	B	611213114144	PRAKASH .S	III/VI	/	/	/	/	/
73	A	611213114153	PREM KUMAR .R	III/VI	/	/	/	/	/
74	B	611213114157	RAJ KUMAR.S	III/VI	/	/	/	/	/
75	B	611213114159	RAKULPRASATH.S	III/VI	/	/	/	/	/
76	B	611213114167	RANJITH.M	III/VI	/	/	/	/	/
77	B	611213114170	RANJITH KUMAR.M	III/VI	/	/	/	/	/
78	D	611213114173	RAVINDAR.K	III/VI	/	/	/	/	/
79	B	611213114181	SANKARANARAYANAN.S	III/VI	/	/	/	/	/
80	B	611213114182	SANTHOSE KUMAR.D	III/VI	/	/	/	/	/
81	C	611213114184	SANTHOSH RAJ.R	III/VI	/	/	/	/	/
82	B	611213114186	SARANYA.M	III/VI	/	/	/	/	/
83	A	611213114197	SHARMA .P	III/VI	/	/	/	/	/
84	B	611213114202	SOUNDARRAJAN.S	III/VI	/	/	/	/	/
85	C	611213114214	TAMILMOZHIVARMAN R	III/VI	/	/	/	/	/

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S.NO	SEC	REG. NO	NAME	YEAR	28.01.2016	29.01.2016	30.01.2016	01.02.2016	02.02.2016
86	C	611213114215	TAMIL SELVAN.J	III/VI	/	/	/	/	/
87	C	611213114217	THAARUN.V.G	III/VI	/	/	/	/	/
88	B	611213114218	THAMARAI KANNAN.A	III/VI	/	/	/	/	/
89	C	611213114219	THAMARAISELVAM.K	III/VI	/	/	/	/	/
90	C	611213114235	VIKNESH.A.H	III/VI	/	/	/	/	/
91	C	611213114301	ARDHANARI M	III/VI	/	/	/	/	/
92	A	611213114302	ARUL R	III/VI	/	/	/	/	/
93	D	611213114311	JAYARAM L	III/VI	/	/	/	/	/
94	C	611213114312	JOSEPH MARTIN A	III/VI	OD	/	/	/	/
95	B	611213114315	MANIKANDAN P	III/VI	/	/	/	/	/
96	B	611213114316	MANIKANDAN R	III/VI	/	/	OD	/	/
97	B	611213114317	MANOJKUMAR S	III/VI	/	/	/	/	/
98	C	611213114320	NAVANEETHA KRISHNAN R	III/VI	/	/	/	/	/
99	B	611213114322	PRABHU J	III/VI	/	/	/	/	/
100	C	611213114333	VELU M	III/VI	/	/	/	/	/
101	C	611213114334	VENKATESAN P	III/VI	/	/	/	/	/
102	C	611213114335	VETRIVEL K	III/VI	/	/	/	/	/
No. of Students Present					101	100	99	101	101
No. of Students Absent					01	02	03	01	01
Faculty Signature									

FACULTY INCHARGE

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Department Of Mechanical Engineering

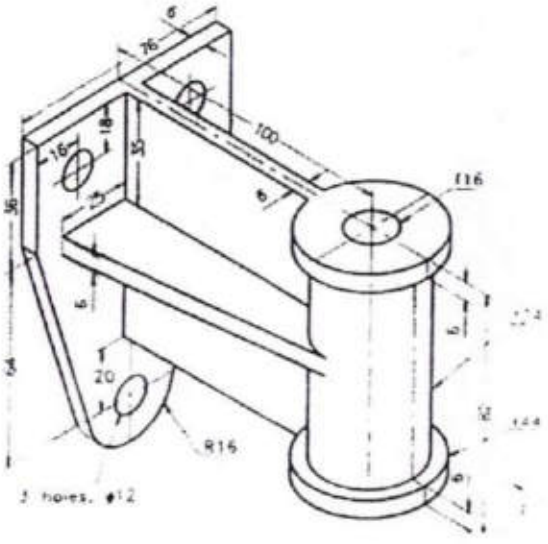
EVALUATION FORM-CERTIFICATE COURSE

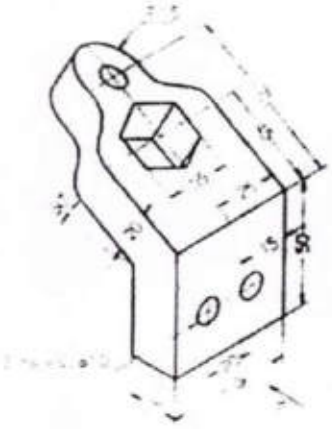
Solid Modeling (Level-1) using CATIA software

Name: M. Aravind	Reg. No: 611213114011	Year/Sem/Sec: III/VI/A

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	50	35
2	PART-B (PART DESIGN)	50	30
TOTAL MARKS		100	85





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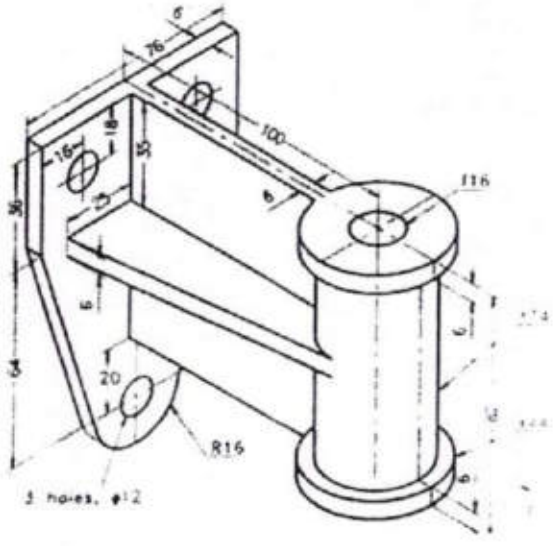
EVALUATION FORM-CERTIFICATE COURSE

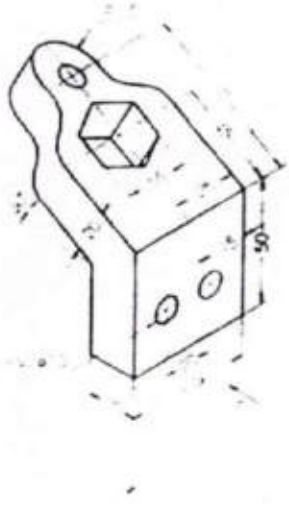
Solid Modeling (Level-1) using CATIA software

Name: S. Manoj | Reg. No: 611213114110 | Year/Sem/Sec: III / VI A

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	50	40
2	PART-B (PART DESIGN)	50	40
TOTAL MARKS		100	80





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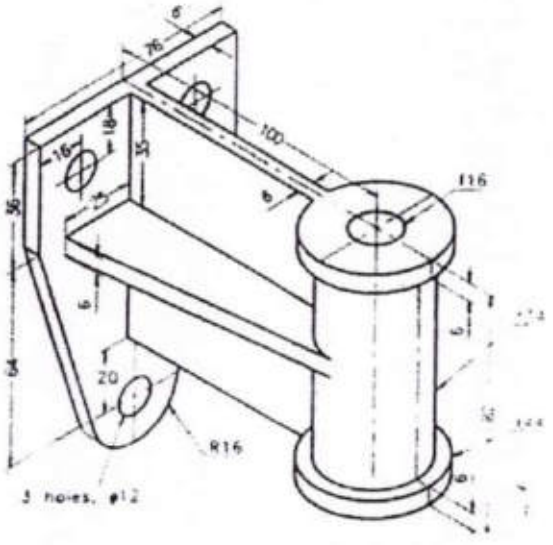
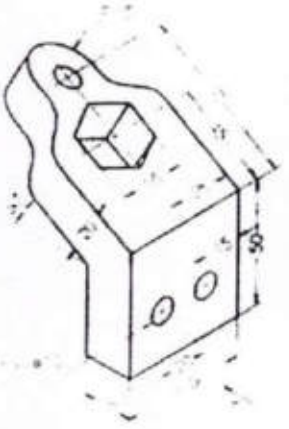
Solid Modeling (Level-1) using CATIA software

Name: R. Keerthana | Reg. No: 611213114085 | Year/Sem/Sec: III-VI-B

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	50	45
2	PART-B (PART DESIGN)	50	45
TOTAL MARKS		100	90





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Department Of Mechanical Engineering

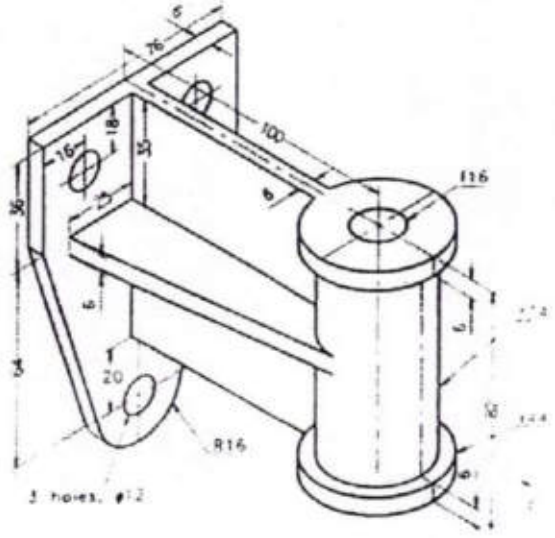
EVALUATION FORM-CERTIFICATE COURSE

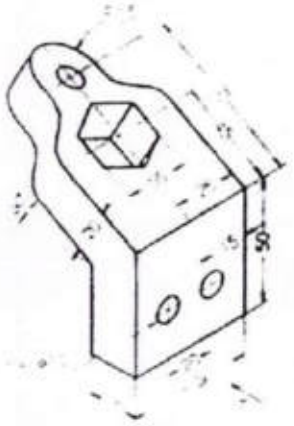
Solid Modeling (Level-1) using CATIA software

Name: A. Tamaraikannan | Reg. No: 611213114218 | Year/Sem/Sec: III VI B

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	50	35
2	PART-B (PART DESIGN)	50	45
TOTAL MARKS		100	80





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Department Of Mechanical Engineering

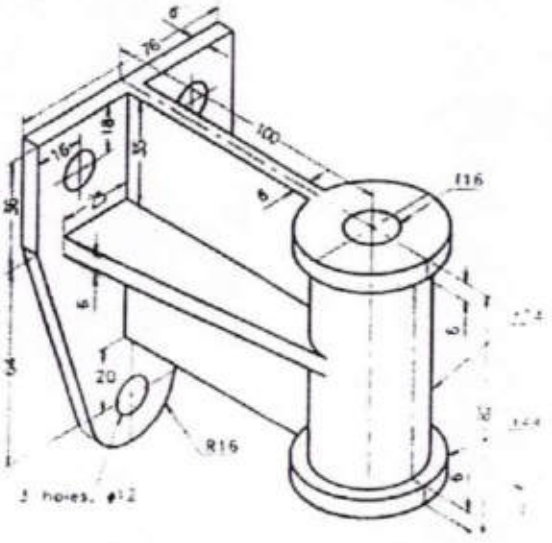
EVALUATION FORM-CERTIFICATE COURSE

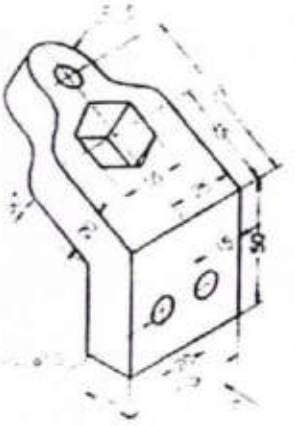
Solid Modeling (Level-1) using CATIA software

Name: R. Balakrishnan	Reg. No: 6112B114015	Year/Sem/Sec: III/VI/C Sec

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTED	MARKS OBTAINED
1	PART-A (SKETCHER)	50	50
2	PART-B (PART DESIGN)	50	40
TOTAL MARKS		100	90





PRINCIPAL,
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Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE
EVALUATION MARK LIST 2.2.2016

S.NO	SEC	REG. NO	NAME	YEAR	Marks (100)
1	B	611213114001	AJAY.S.P	III/VI	70
2	A	611213114002	AJITH R	III/VI	85
3	D	611213114004	AKIL.R	III/VI	60
4	B	611213114005	ANANTHA KUMAR.S	III/VI	60
5	A	611213114007	ARAVINTH.G	III/VI	65
6	C	611213114008	ARUNBALAAJI.S.V	III/VI	70
7	A	611213114011	ARVIND .M	III/VI	65
8	A	611213114012	ASHWIN SAMUEL.P	III/VI	65
9	A	611213114013	BABU .S	III/VI	80
10	C	611213114014	BALAJIARAVINDARAJA.V	III/VI	95
11	C	611213114015	BALAKRISHNAN R	III/VI	90
12	C	611213114017	BALAMURUGAN M	III/VI	90
13	A	611213114019	BALU VENKATESH. M	III/VI	70
14	D	611213114020	BARKISH BANU .M	III/VI	65
15	A	611213114021	BHARATH S	III/VI	85
16	A	611213114024	BOOPATHY.R	III/VI	95
17	A	611213114025	CHANDRASEKARAN. V	III/VI	70
18	D	611213114030	DHANAPALAN .M	III/VI	90
19	A	611213114033	ELANGGOVAN G M	III/VI	60
20	A	611213114037	GIRIVASAN M	III/VI	75
21	C	611213114038	GOKUL K S	III/VI	80
22	C	611213114039	GOKUL R	III/VI	65
23	A	611213114041	GOKUL KRISHNAN M	III/VI	60
24	A	611213114044	GOPINATH.J	III/VI	55
25	A	611213114045	GOPINATH K	III/VI	60
26	A	611213114047	GOVINDARAJ .P	III/VI	85
27	A	611213114048	GOWTHAM N	III/VI	70
28	D	611213114049	GOWTHAM RA	III/VI	90
29	A	611213114050	GOWTHAM .S	III/VI	65
30	B	611213114052	GOWTHAMA ARJUN.V.AR	III/VI	80
31	B	611213114053	GOWTHAMAN.R	III/VI	75
32	A	611213114055	HARIGARA SUDAN.V	III/VI	90
33	A	611213114056	HARIHARAKRISHNAN.S	III/VI	65
34	D	611213114058	HARI PRASATH.M	III/VI	85
35	C	611213114059	HARIRAMAN R	III/VI	70
36	C	611213114064	JAYACHANDRAN.R	III/VI	80
37	D	611213114065	JAYAPRASATH .S.R	III/VI	60
38	C	611213114066	JAYASRI MEENACHI V	III/VI	65
39	D	611213114067	JAYAVEL C	III/VI	70
40	A	611213114068	JEEVANANTH.M	III/VI	80

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Kakapalayam (PO) Salem - 637 504

2.2.2016

S.NO	SEC	REG. NO	NAME	YEAR	Marks (100)
41	A	611213114069	JOHN WESLY.M	III/VI	85
42	D	611213114070	JOTHIKUMAR.A	III/VI	80
43	A	611213114074	KARTHE.R	III/VI	60
44	C	611213114076	KARTHICK RAJAN.N	III/VI	65
45	A	611213114077	KARTHIK D	III/VI	70
46	B	611213114078	KARTHIK.S	III/VI	75
47	A	611213114080	KARTHIKEYAN.M	III/VI	85
48	C	611213114081	KARTHIKRAJA.P	III/VI	90
49	D	611213114083	KAVINKUMAR.P	III/VI	60
50	A	611213114084	KAVINRAJ S R	III/VI	65
51	D	611213114085	KEERTHANA .R	III/VI	90
52	D	611213114087	KESHAV.S	III/VI	95
53	B	611213114088	KISHORE.K.V	III/VI	80
54	C	611213114089	KISHORE KUMAR M	III/VI	85
55	C	611213114090	KRISHNAKUMAR.K	III/VI	70
56	A	611213114092	KUGESHWARAN.T	III/VI	75
57	B	611213114094	LOGESH.E	III/VI	60
58	B	611213114096	MADHAVARAJ.S	III/VI	65
59	A	611213114097	MADHUSUDHANAN .N	III/VI	80
60	A	611213114098	MAGESWARAN.K	III/VI	85
61	B	611213114099	MAHESWARAN.M	III/VI	55
62	B	611213114102	MAMTHA SHREE.S	III/VI	60
63	B	611213114108	MANJULA DEVI.M.K	III/VI	75
64	A	611213114110	MANOJ.S	III/VI	80
65	B	611213114113	MITUN.M	III/VI	65
66	D	611213114118	MOHANRAJ.P	III/VI	60
67	B	611213114121	MOHANRAJA.E	III/VI	55
68	D	611213114129	NAVEENKUMAR. P	III/VI	60
69	C	611213114131	NAVEEN VEL M	III/VI	75
70	D	611213114135	POOJA SHREE .V	III/VI	90
71	C	611213114138	PRABHAKARAN.P	III/VI	90
72	B	611213114144	PRAKASH .S	III/VI	95
73	A	611213114153	PREM KUMAR .R	III/VI	90
74	B	611213114157	RAJ KUMAR.S	III/VI	65
75	B	611213114159	RAKULPRASATH.S	III/VI	75
76	B	611213114167	RANJITH.M	III/VI	80
77	B	611213114170	RANJITH KUMAR.M	III/VI	85
78	D	611213114173	RAVINDAR.K	III/VI	60
79	B	611213114181	SANKARANARAYANAN.S	III/VI	75
80	B	611213114182	SANTHOSE KUMAR.D	III/VI	80
81	C	611213114184	SANTHOSH RAJ.R	III/VI	65
82	B	611213114186	SARANYA.M	III/VI	75
83	A	611213114197	SHARMA .P	III/VI	80
84	B	611213114202	SOUNDARRAJAN.S	III/VI	90
85	C	611213114214	TAMILMOZHIVARMAN R	III/VI	95

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2.2.2016

S.NO	SEC	REG. NO	NAME	YEAR	Marks (100)
86	C	611213114215	TAMIL SELVAN.J	III/VI	65
87	C	611213114217	THAARUN.V.G	III/VI	55
88	B	611213114218	THAMARAI KANNAN.A	III/VI	80
89	C	611213114219	THAMARAISELVAM.K	III/VI	70
90	C	611213114235	VIKNESH.A.H	III/VI	65
91	C	611213114301	ARDHANARI M	III/VI	55
92	A	611213114302	ARUL R	III/VI	75
93	D	611213114311	JAYARAM L	III/VI	80
94	C	611213114312	JOSEPH MARTIN A	III/VI	90
95	B	611213114315	MANIKANDAN P	III/VI	65
96	B	611213114316	MANIKANDAN R	III/VI	80
97	B	611213114317	MANOJKUMAR S	III/VI	85
98	C	611213114320	NAVANEETHA KRISHNAN R	III/VI	65
99	B	611213114322	PRABHU J	III/VI	75
100	C	611213114333	VELU M	III/VI	80
101	C	611213114334	VENKATESAN P	III/VI	85
102	C	611213114335	VETRIVEL K	III/VI	90

2/2/2016
FACULTY INCHARGE

HOD MECHANICAL

PRINCIPAL
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

HARITA TECHSERV LIMITED

Certificate of Completion

This certificate is awarded to

AJAY.S.P (611213114001)

In recognition of sucessful completion of

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem - 637 504

"SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE"

Conducted by "CRCPDT-Harita Techserv Limited" from 18.01.2016 to 02.02.2016
Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

KNOWLEDGE INSTITUTE OF TECHNOLOGY

HARITA TECHSERV LIMITED

Certificate of Completion

This certificate is awarded to

AKIL.R (611213114004)

In recognition of sucessful completion of

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

"SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE"

Conducted by "CRCPDT-Harita Techserv Limited" from 18.01.2016 to 02.02.2016 Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

KNOWLEDGE INSTITUTE OF TECHNOLOGY

HARITA TECHSERV LIMITED

Certificate of Completion

This certificate is awarded to

BALAMURUGAN.M (611213114017)

In recognition of sucessful completion of

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

"SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE"

Conducted by "CRCPDT-Harita Techserv Limited" from 18.01.2016 to 02.02.2016 Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

KNOWLEDGE INSTITUTE OF TECHNOLOGY

HARITA TECHSERV LIMITED

Certificate of Completion

This certificate is awarded to

BHARATH.S (611213114021)

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"SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE"

Conducted by "CRCPDT-Harita Techserv Limited" from 18.01.2016 to 02.02.2016 Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan Coordinator	**Dr.K.Visagavel** HOD/Mechanical	**Dr.PSS.Srinivasan** Principal	**R.Shankarnarayanan** COO/Harita Techserv Limited

KNOWLEDGE INSTITUTE OF TECHNOLOGY

HARITA TECHSERV LIMITED

Certificate of Completion

This certificate is awarded to

GOWTHAMAN.R (611213114053)

In recognition of sucessful completion of

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Kakapalayam (PO) Salem - 637 504

"SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE"

Conducted by "CRCPDT-Harita Techserv Limited" from 18.01.2016 to 02.02.2016 Department of Mechanical Engineering, Knowledge Institute of Technology salem, Tamilnadu, India

Mr.M.Sathyanathan	Dr.K.Visagavel	Dr.PSS.Srinivasan	R.Shankarnarayanan
Coordinator	HOD/Mechanical	Principal	COO/Harita Techserv Limited

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-1) using CATIA software

Name: Shanma. P Year/Sem/Sec: III / VI / A Sec

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA V5	✓				
2	Sketcher Workbench			✓		
3	Part Modeling	✓				
4	Assembly Design		✓			
5	Drafting and Detailing			✓		
6	Generative Sheet metal Design	✓				
7	Generative Shape Design			✓		
8	Course content and Hands on Experience of CATIA V5	✓				
9	Trainer Explanation level about this course		✓			
10	Have you learned Shortcuts of the Tool and worked out Industry Drawings			✓		
11	Overall Experience about this course	✓				

12.Suggestion for Improvement

* More Practice hours needed.

S.T. P

Signature of the Candidate

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

Name: Manoj. S Year/Sem/Sec: III / VI / A

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA V5	✓				
2	Sketcher Workbench		✓			
3	Part Modeling		✓			
4	Assembly Design			✓		
5	Drafting and Detailing	✓				
6	Generative Sheet metal Design			✓		
7	Generative Shape Design		✓			
8	Course content and Hands on Experience of CATIA V5			✓		
9	Trainer Explanation level about this course			✓		
10	Have you learned Shortcuts of the Tool and worked out Industry Drawings		✓			
11	Overall Experience about this course			✓		

12.Suggestion for Improvement

No Suggestion Needed.

Teaching is Good.

S. Manoj

Signature of the Candidate

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-1) using CATIA software

Name: Manoj Kumar. S

Year/Sem/Sec: III / VI / B

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA		✓			
2	Sketcher Workbench		✓			
3	Part Modeling	✓				
4	Assembly Design		✓			
5	Course content and Hands on Experience of CATIA			✓		
6	Trainer Explanation level about this course		✓			
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings			✓		
8	Overall Experience about this course		✓			

Suggestion for Improvement

More assembly design should be given practice

S. Manojkumar

Signature of the Candidate

PRINCIPAL
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-1) using CATIA software

Name: Jayavel.C

Year/Sem/Sec: III / VI / D

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA	✓				
2	Sketcher Workbench		✓			
3	Part Modeling		✓			
4	Assembly Design		✓			
5	Course content and Hands on Experience of CATIA	✓				
6	Trainer Explanation level about this course	✓				
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings	✓				
8	Overall Experience about this course		✓			

Suggestion for Improvement

Need more Indepth teaching in tools usage.

Jayavel.C

Signature of the Candidate

PRINCIPAL
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-1) using CATIA software

Name: Hariraman. R Year/Sem/Sec: III / VI / 'C' Sec.

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA V5		✓			
2	Sketcher Workbench			✓		
3	Part Modeling	✓		✓		
4	Assembly Design		✓			
5	Drafting and Detailing	✓			✓	
6	Generative Sheet metal Design			✓		
7	Generative Shape Design		✓			
8	Course content and Hands on Experience of CATIA V5			✓		
9	Trainer Explanation level about this course		✓			
10	Have you learned Shortcuts of the Tool and worked out Industry Drawings			✓		
11	Overall Experience about this course				✓	

12.Suggestion for Improvement

More Assisting staff's needed during Practice

PRINCIPAL,
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Kakapalayam (PO) Salem - 637 504

R. Hariraman
Signature of the Candidate

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM
Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE
Solid Modeling (Level-1) using CATIA software

Name: Akil. R

Year/Sem/Sec: IV / D Sec

S.No.	List of Content	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	About Introduction to CATIA		✓			
2	Sketcher Workbench	✓				
3	Part Modeling			✓		
4	Assembly Design		✓			
5	Course content and Hands on Experience of CATIA	✓				
6	Trainer Explanation level about this course		✓			
7	Have you learned Shortcuts of the Tool and worked out Industry Drawings		✓			
8	Overall Experience about this course	✓				

Suggestion for Improvement

* Need More Pratice Sessions

Rakil

Signature of the Candidate

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

Beyond Knowledge	**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**	International Association of Plumbing and Mechanical Officials

DEPARTMENT OF MECHANICAL ENGINEERING

Circular No.	KIOT/MECH/IAPMO/2015-16/04	**Date**	01.08.2015
To	All Faculty & Third year students of Mechanical Engineering		
Sub	**Design of Practical HVAC System** (IAPMO – Certification Course: Batch-I, II & III)		

We are planned to conduct, HVAC training on Design of Practical HVAC System from 03.08.2015 for third year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016).

Venue: A310, A312 & A313

Time: 05:00 pm to 07:00 pm

FACULTY I/C HOD/MECH PRINCIPAL

PRINCIPAL
Knowledge Institute of Technology
Kakapalayam (PO) Salem-

Beyond Knowledge	**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**	International Association of Plumbing and Mechanical Officials

DEPARTMENT OF MECHANICAL ENGINEERING

Circular No.	KIOT/MECH/IAPMO/2015-16/06	**Date**	02.01.2016
To	All Faculty & third year students of Mechanical Engineering		
Sub	**Components sizing and selection for chilled water type HVAC system** (IAPMO – Certification Course: Batch-I, II & III)		

We are planned to conduct, HVAC training on Components sizing and selection for chilled water type HVAC system from 04.01.2016 for third year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016).

Venue: A310, A312 & A313

Time: 05:00 pm to 07:00 pm

FACULTY I/C HOD/MECH PRINCIPAL

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem - 6

From

J.Ramesh,
Assistant Professor,
Department of Mechanical Engineering,
Knowledge Institute of Technology,
Salem.

To

The Principal,
Knowledge Institute of Technology,
Salem. .

Through: Head of the Department, Department of Mechanical Engineering

Respected Sir,

Sub: Design of Practical HVAC System conduction–regarding

We are planned to conduct, HVAC training on **Design of Practical HVAC System** from 03.08.2015 for third year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016). In this regard, I request your permission to execute the certification course for final year Mechanical Engineering students.

Encl: Students name list for the course

Thanking You

Place: KIOT

Yours Faithfully

Date: 01.08.2015

J.Ramesh AP/Mech

Forwarded to the Principal
HOD/MECH

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

From

J.Ramesh,
Assistant Professor,
Department of Mechanical Engineering,
Knowledge Institute of Technology,
Salem.

To

The Principal,
Knowledge Institute of Technology,
Salem.

Through: Head of the Department, Department of Mechanical Engineering

Respected Sir,

Sub: Components sizing and selection for chilled water type HVAC system

Conduction–regarding

We are planned to conduct, HVAC training on **Design of Practical HVAC System** from 04.01.2016 for third year Mechanical Engineering students through IIK (IAPMO-India-KIOT) center in this Academic Year (2015-2016). In this regard, I request your permission to execute the certification course for final year Mechanical Engineering students.

Encl: Students name list for the course

Thanking You

Place: KIOT

Yours Faithfully

Date: 02.01.2016

J.Ramesh AP/Mech

Forwarded to the principal

(HOD/MECH)

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem - 6

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-I (2013-2017) AY: 2015-16
Student Name List

Sl. No.	Register Number	Student Name	Remarks
1.	611213114003	AJITH KUMAR.A	
2.	611213114006	ANNAMALAI.M	
3.	611213114009	ARUNKUMAR.M	
4.	611213114010	ARUN VIJAY RAJ.T	
5.	611213114016	BALAKRISNAN.S.M	
6.	611213114018	BALAMURUGAN V	
7.	611213114022	BHARATH.V	
8.	611213114023	BHARATH KUMAR.M	
9.	611213114026	CHANDRU.R	
10.	611213114027	CHINNARAJ R	
11.	611213114028	DESIGA A A	
12.	611213114029	DHANAPAL.M	
13.	611213114031	DHANASEKARAN.S	
14.	611213114032	DHARANIDHARAN G	
15.	611213114034	ELAVARASAN.R	
16.	611213114035	GAYATHRI .R	
17.	611213114036	GIRIVASAN.M	
18.	611213114040	GOKUL.V	
19.	611213114042	GOKULNATH.V	
20.	611213114043	GOPI.K	
21.	611213114046	GOVINDARAJ.C	
22.	611213114051	GOWTHAM.T	
23.	611213114054	GOWTHAMRAJ .D. G	
24.	611213114057	HARIHARAN G	
25.	611213114060	HUSSAIN AHAMED.F	
26.	611213114061	ILAIYVEL SABARIRAJ.K.T	
27.	611213114062	ILAVARASAN.S	
28.	611213114063	JAGASUTHAN. S	
29.	611213114071	KALAIARASAN.D	
30.	611213114072	KALAIVANAN.P	

FACULTY I/C HOD/MECH PRINCIPAL

PRINCIPAL
Knowledge Institute of Technology
Kakapalayam (PO), Salem - 6

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-II (2013-2017) AY: 2015-16
Student Name List

Sl. No.	Register Number	Student Name	Remarks
1.	611213114073	KALAIVANAN.S	
2.	611213114079	KARTHIKEYAN .M	
3.	611213114086	KEERTHIVASAN.S.A	
4.	611213114091	KRISHNAKUMAR.P	
5.	611213114093	LOGANATHAN.S	
6.	611213114095	MADHAN M	
7.	611213114100	MAIVIZHI .R	
8.	611213114101	MAKESH RAJ S	
9.	611213114103	MANI.S	
10.	611213114104	MANI .T	
11.	611213114105	MANIKANDAN .S	
12.	611213114106	MANIKANDAN S	
13.	611213114107	MANIVEL .T.S	
14.	611213114109	MANOJ S	
15.	611213114111	MANOJKUMAR S	
16.	611213114112	MANOJKUMAR.V	
17.	611213114114	MOHAMMAD MAHIN ABUBAKKAR.A	
18.	611213114115	MOHAMMED SHERIEFF J	
19.	611213114116	MOHAN.M	
20.	611213114117	MOHANKUMAR.N	
21.	611213114119	MOHANRAJ.S	
22.	611213114120	MOHANRAJ .R.E	
23.	611213114122	MURUGA POOBATHI .K	
24.	611213114123	MURUGESH.B	
25.	611213114125	NANDHAKUMAR .V	
26.	611213114126	NANDHAKUMAR.R	
27.	611213114128	NARUN P	
28.	611213114133	PALANISAMY .S	
29.	611213114134	PAVITHRAN S	
30.	611213114136	PRABAKARAN .P	

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-III (2013-2017) AY: 2015-16
Student Name List

Sl. No.	Register Number	Name of the students	Result Status
1.	611213114142	PRADEEP RAJA .M	
2.	611213114146	PRASATH M	
3.	611213114148	PRATAP .S	
4.	611213114149	PRATHAP .G	
5.	611213114151	PRAVEEN KUMAR.R	
6.	611213114154	RAGAVENDRA .R	
7.	611213114156	RAJABOOPATHI R	
8.	611213114162	RAMESH .P	
9.	611213114169	RANJITH KUMAR.K.M	
10.	611213114176	SABAREESWARAN L	
11.	611213114195	SENTHIL RAJA. R	
12.	611213114207	SRISANKAR G	
13.	611213114220	VASANTH.P	
14.	611213114221	VASIYULLAH .A	
15.	611213114303	ARULMURUGAN A	
16.	611213114306	DHANASEKARAN B	
17.	611213114307	GOKUL K	
18.	611213114308	GOVINDARAJ S	
19.	611213114309	HARI RAJA S	
20.	611213114310	JAYANTHAN B	
21.	611213114313	MADAN.R	
22.	611213114318	MOHAMMED KUBAI AHAMED S	
23.	611213114319	NAGAMANIKANDAN K	
24.	611213114321	NIFASATH NWSIN N	
25.	611213114323	PRAGADEESH G	
26.	611213114324	PRASANTH P	
27.	611213114325	RAJESH R	
28.	611213114329	SATHISHKUMAR M	
29.	611213114331	SUMAN S	
30.	611213114701	DEEPAKKUMAR S	

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1.7	Refrigerants and types	2	-	-	Day 7
1.8	Study of AC system	2	-	-	Day 8
1.9	Study of Psychrometric	2	-	-	Day 9
1.10	Study of Psychrometric	2	-	-	Day 10
1.11	Study of Psychrometric	1	-	1	Day 11
1.12	Classification of Air-Conditioning System	2	-	-	Day 12
1.13	Classification of Air-Conditioning System	2	-	-	Day 13
1.14	Classification of Air-Conditioning System	2	-	-	Day 14
1.15	Sub systems in AC	2	-	-	Day 15

Detailed Execution Plan

Name of the Course Module: 2. Components sizing and selection for chilled water type HVAC system

Duration: 30 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
2.1	Air terminal selection	2	-	-	Day 1
2.2	Air terminal selection	1	-	1	Day 2
2.3	Cold storage selection	2	-	-	Day 3
2.4	Cold storage selection	1	-	1	Day 4
2.5	Selection of Materials of Ducts	2	-	-	Day 5
2.6	Selection of Materials of Ducts	1	-	1	Day 6
2.7	Primary and secondary pump selections	2	-	-	Day 7
2.8	Selection of cooling tower	2	-	-	Day 8
2.9	Selection of cooling tower	1	-	1	Day 9
2.10	Selection of Chillers	2	-	-	Day 10
2.11	Selection of Chillers	1	-	1	Day 11
2.12	AHU and FCU classification and selection	2	-	-	Day 12
2.13	Selection of Fan/Blower RPM	2	-	-	Day 13
2.14	Chilled water system & Equipment Selection	2	-	-	Day 14
2.15	Selection of Motor HP	2	-	-	Day 15

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KNOWLEDGE INSTITUTE OF TECHNOLOGY Department of Mechanical Engineering Course Plan				Date:01.08.2015
Name of the COE		Iapmo-India – Kiot, Centre Of Excellence		
Name of the Course		HVAC Design and Project Installation Engineer	Semester	05 & 06
Name of the Module	**Topics to be covered**	**Faculty Name**	**Number of Hours**	**Faculty Signature**
Design of Practical HVAC System	Fundamental and scope of HVAC, Mode of heat transfer, Standards, Refrigeration cycle, Component of A/C, Refrigerants and types, Study of AC system, Study of Psychrometric, Classification of Air-Conditioning System & Sub systems in AC.	Mr.J.Ramesh, Mr.S.Surendar & Mr.S.M.Gowtham	30	
Components sizing and selection for chilled water type HVAC system	Orientation of Building, To Read Latitude & Location of building, Difference for wall, glass, Roof and Partition, Cooling and Heat Load Calculation, Calculation of sensible Heat Factor ADP and Dehumidified CFM, Cooling Load Calculation, Chilled water system & Equipment Selection	Mr.T.Balakrishnan Mr.S.M.Gowtham & Mr.J.Ramesh	30	
		Total No.of Hours	**60**	

Detailed Execution Plan

Name of the Course Module: 1. Design of Practical HVAC System

Duration: 30 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
1.1	Fundamental and scope of HVAC	2	-	-	Day 1
1.2	Mode of heat transfer	2	-	-	Day 2
1.3	Mode of heat transfer	1	-	1	Day 3
1.4	Refrigeration cycle	2	-	-	Day 4
1.5	Refrigeration cycle	1	-	1	Day 5
1.6	Component of A/C	2	-	-	Day 6

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DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-I (2012-2016) AY: 2015-16
COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM –MARK STATEMENT

Max.Marks:50

Year/Sem:III/VI

Date: 28.01.2016

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
1.	611213114003	AJITH KUMAR.A	40	PASS
2.	611213114006	ANNAMALAI.M	32	PASS
3.	611213114009	ARUNKUMAR.M	30	PASS
4.	611213114010	ARUN VIJAY RAJ.T	35	PASS
5.	611213114016	BALAKRISNAN.S.M	38	PASS
6.	611213114018	BALAMURUGAN V	34	PASS
7.	611213114022	BHARATH.V	32	PASS
8.	611213114023	BHARATH KUMAR.M	29	PASS
9.	611213114026	CHANDRU.R	28	PASS
10.	611213114027	CHINNARAJ R	42	PASS
11.	611213114028	DESIGA A A	41	PASS
12.	611213114029	DHANAPAL.M	43	PASS
13.	611213114031	DHANASEKARAN.S	28	PASS
14.	611213114032	DHARANIDHARAN G	32	PASS
15.	611213114034	ELAVARASAN.R	32	PASS
16.	611213114035	GAYATHRI .R	34	PASS
17.	611213114036	GIRIVASAN.M	36	PASS
18.	611213114040	GOKUL.V	38	PASS
19.	611213114042	GOKULNATH.V	37	PASS
20.	611213114043	GOPI.K	28	PASS
21.	611213114046	GOVINDARAJ.C	29	PASS
22.	611213114051	GOWTHAM.T	40	PASS
23.	611213114054	GOWTHAMRAJ .D. G	43	PASS
24.	611213114057	HARIHARAN G	44	PASS
25.	611213114060	HUSSAIN AHAMED.F	34	PASS
26.	611213114061	ILAIYVEL SABARIRAJ.K.T	36	PASS
27.	611213114062	ILAVARASAN.S	32	PASS
28.	611213114063	JAGASUTHAN. S	35	PASS
29.	611213114071	KALAIARASAN.D	37	PASS
30.	611213114072	KALAIVANAN.P	28	PASS

Note: Minimum 25 marks will be considered as pass mark for this certification course.

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-II (2013-2017) AY: 2015-16
COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM –MARK STATEMENT

Max.Marks:50

Year/Sem:III/VI

Date: 28.01.2016

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
1.	611213114073	KALAIVANAN.S	38	PASS
2.	611213114079	KARTHIKEYAN .M	32	PASS
3.	611213114086	KEERTHIVASAN.S.A	30	PASS
4.	611213114091	KRISHNAKUMAR.P	39	PASS
5.	611213114093	LOGANATHAN.S	37	PASS
6.	611213114095	MADHAN M	35	PASS
7.	611213114100	MAIVIZHI .R	41	PASS
8.	611213114101	MAKESH RAJ S	42	PASS
9.	611213114103	MANI.S	46	PASS
10.	611213114104	MANI .T	47	PASS
11.	611213114105	MANIKANDAN .S	48	PASS
12.	611213114106	MANIKANDAN S	45	PASS
13.	611213114107	MANIVEL .T.S	42	PASS
14.	611213114109	MANOJ S	36	PASS
15.	611213114111	MANOJKUMAR S	38	PASS
16.	611213114112	MANOJKUMAR.V	42	PASS
17.	611213114114	MOHAMMAD MAHIN ABUBAKKAR.A	38	PASS
18.	611213114115	MOHAMMED SHERIEFF J	35	PASS
19.	611213114116	MOHAN.M	26	PASS
20.	611213114117	MOHANKUMAR.N	25	PASS
21.	611213114119	MOHANRAJ.S	41	PASS
22.	611213114120	MOHANRAJ .R.E	40	PASS
23.	611213114122	MURUGA POOBATHI .K	30	PASS
24.	611213114123	MURUGESH.B	32	PASS
25.	611213114125	NANDHAKUMAR .V	38	PASS
26.	611213114126	NANDHAKUMAR.R	37	PASS
27.	611213114128	NARUN P	42	PASS
28.	611213114133	PALANISAMY .S	47	PASS
29.	611213114134	PAVITHRAN S	28	PASS
30.	611213114136	PRABAKARAN .P	25	PASS

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Sl. No.	Register Number	Student Name	Mark Secured	Result Status
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2.	611213114146	PRASATH M	35	PASS
3.	611213114148	PRATAP .S	38	PASS
4.	611213114149	PRATHAP .G	39	PASS
5.	611213114151	PRAVEEN KUMAR.R	42	PASS
6.	611213114154	RAGAVENDRA .R	42	PASS
7.	611213114156	RAJABOOPATHI R	45	PASS
8.	611213114162	RAMESH .P	29	PASS
9.	611213114169	RANJITH KUMAR.K.M	27	PASS
10.	611213114176	SABAREESWARAN L	25	PASS
11.	611213114195	SENTHIL RAJA. R	26	PASS
12.	611213114207	SRISANKAR G	28	PASS
13.	611213114220	VASANTH.P	25	PASS
14.	611213114221	VASIYULLAH .A	29	PASS
15.	611213114303	ARULMURUGAN A	29	PASS
16.	611213114306	DHANASEKARAN B	35	PASS
17.	611213114307	GOKUL K	34	PASS
18.	611213114308	GOVINDARAJ S	32	PASS
19.	611213114309	HARI RAJA S	26	PASS
20.	611213114310	JAYANTHAN B	29	PASS
21.	611213114313	MADAN.R	28	PASS
22.	611213114318	MOHAMMED KUBAI AHAMED S	38	PASS
23.	611213114319	NAGAMANIKANDAN K	36	PASS
24.	611213114321	NIFASATH NWSIN N	37	PASS
25.	611213114323	PRAGADEESH G	38	PASS
26.	611213114324	PRASANTH P	36	PASS
27.	611213114325	RAJESH R	35	PASS
28.	611213114329	SATHISHKUMAR M	34	PASS
29.	611213114331	SUMAN S	39	PASS
30.	611213114701	DEEPAKKUMAR S	41	PASS

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DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-I (2013-2017) AY: 2015-16
DESIGN OF PRACTICAL HVAC SYSTEM – MARK STATEMENT

Max.Marks:50

Year/Sem:III/V

Date: 26.08.2015

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
1.	611213114003	AJITH KUMAR.A	41	PASS
2.	611213114006	ANNAMALAI.M	38	PASS
3.	611213114009	ARUNKUMAR.M	35	PASS
4.	611213114010	ARUN VIJAY RAJ.T	36	PASS
5.	611213114016	BALAKRISNAN.S.M	37	PASS
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11.	611213114028	DESIGA A A	40	PASS
12.	611213114029	DHANAPAL.M	35	PASS
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18.	611213114040	GOKUL.V	35	PASS
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28.	611213114133	PALANISAMY .S	42	PASS
29.	611213114134	PAVITHRAN S	32	PASS
30.	611213114136	PRABAKARAN .P	30	PASS

Note: Minimum 25 marks will be considered as pass mark for this certification course.

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-III (2013-2017) AY: 2015-16
DESIGN OF PRACTICAL HVAC SYSTEM – MARK STATEMENT

Max.Marks:50

Year/Sem:III/V

Date: 26.08.2015

Sl. No.	Register Number	Student Name	Mark Secured	Result Status
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4.	611213114149	PRATHAP .G	36	PASS
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12.	611213114207	SRISANKAR G	35	PASS
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23.	611213114319	NAGAMANIKANDAN K	42	PASS
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30.	611213114701	DEEPAKKUMAR S	37	PASS

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Kakapalayam (PO) Salem - 637 504

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Sl.No	Reg.No	Name of the Student	Year/ Sem	4 / 1 / 16	5 / 1 / 16	6 / 1 / 16	7 / 1 / 16	8 / 1 / 16	9 / 1 / 16	11 / 1 / 16	12 / 1 / 16	13 / 1 / 16	14 / 1 / 16	19 / 1 / 16	20 / 1 / 16	21 / 1 / 16	22 / 1 / 16	23 / 1 / 16
15.	611213114303	ARULMURUGAN A	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	611213114306	DHANASEKARAN B	III/VI	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
17.	611213114307	GOKUL K	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	611213114308	GOVINDARAJ S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	611213114309	HARI RAJA S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611213114310	JAYANTHAN B	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611213114313	MADAN.R	III/VI	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611213114318	MOHAMMED KUBAI	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611213114319	NAGAMANIKANDAN K	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611213114321	NIFASATH NWSIN N	III/VI	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
25.	611213114323	PRAGADEESH G	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611213114324	PRASANTH P	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611213114325	RAJESH R	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611213114329	SATHISHKUMAR M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611213114331	SUMAN S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
30.	611213114701	DEEPAKKUMAR S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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Kakapalayam (PO), Salem

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504

DEPARTMENT OF MECHANICAL ENGINEERING

CENTER FOR HEATING VENTILATION AND AIR CONDITIONING

BATCH-III (2013-2017) AY: 2015-16

COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM -TRAINING ATTENDANCE

Year: III

Date: 25-1-16

Sl.No	Reg.No	Name of the Student	Year/ Sem	4/1/16	5/1/16	6/1/16	7/1/16	8/1/16	9/1/16	11/1/16	12/1/16	13/1/16	14/1/16	19/1/16	20/1/16	21/1/16	22/1/16	23/1/16
1.	611213114142	PRADEEP RAJA .M	III/VI	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
2.	611213114146	PRASATH M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	611213114148	PRATAP .S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611213114149	PRATHAP .G	III/VI	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611213114151	PRAVEEN KUMAR.R	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	611213114154	RAGAVENDRA .R	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611213114156	RAJABOOPATHI R	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	611213114162	RAMESH .P	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611213114169	RANJITH KUMAR.K.M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	611213114176	SABAREESWARAN L	III/VI	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
11.	611213114195	SENTHIL RAJA. R	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611213114207	SRISANKAR G	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	611213114220	VASANTH.P	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611213114221	VASIYULLAH .A	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Sl.No	Reg.No	Name of the Student	Year/ Sem	3/8/15	4/8/15	5/8/15	6/8/15	7/8/15	10/8/15	11/8/15	12/8/15	13/8/15	14/8/15	17/8/15	18/8/15	19/8/15	20/8/15	21/8/15
18.	611213114308	GOVINDARAJ S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	611213114309	HARI RAJA S	III/V	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611213114310	JAYANTHAN B	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
21.	611213114313	MADAN.R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611213114318	MOHAMMED KUBAI AHAMED	III/V	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611213114319	NAGAMANIKANDAN K	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611213114321	NIFASATH NWSIN N	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611213114323	PRAGADEESH G	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611213114324	PRASANTH P	III/V	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
27.	611213114325	RAJESH R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611213114329	SATHISHKUMAR M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611213114331	SUMAN S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611213114701	DEEPAKKUMAR S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

FACULTY I/C

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-III (2013-2017) AY: 2015-16
DESIGN OF PRACTICAL HVAC SYSTEM - TRAINING ATTENDANCE

Year: III

Date: 23-8-15

Sl.No	Reg.No	Name of the Student	Year/ Sem	3/8/15	4/8/15	5/8/15	6/8/15	7/8/15	10/8/15	11/8/15	12/8/15	13/8/15	14/8/15	17/8/15	18/8/15	19/8/15	20/8/15	21/8/15
1.	611213114142	PRADEEP RAJA .M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	611213114146	PRASATH M	III/V	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
3.	611213114148	PRATAP .S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611213114149	PRATHAP .G	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611213114151	PRAVEEN KUMAR.R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	611213114154	RAGAVENDRA .R	III/V	a	/	/	/	/	/	/	/	/	/	/	/	/	/	a
7.	611213114156	RAJABOOPATHI R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	611213114162	RAMESH .P	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611213114169	RANJITH KUMAR.K.M	III/V	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
10.	611213114176	SABAREESWARAN L	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	611213114195	SENTHIL RAJA. R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611213114207	SRISANKAR G	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
13.	611213114220	VASANTH.P	III/V	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
14.	611213114221	VASIYULLAH .A	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	611213114303	ARULMURUGAN A	III/V	/	/	/	/	/	/	/	/	/	/	M	/	/	/	/
16.	611213114306	DHANASEKARAN B	III/V	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
17.	611213114307	GOKUL K	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Sl. No	Reg.No	Name of the Student	Year/ Sem	4/1/16	5/1/16	6/1/16	7/1/16	8/1/16	9/1/16	11/1/16	12/1/16	13/1/16	14/1/16	19/1/16	20/1/16	21/1/16	22/1/16	23/1/16
15.	611213114111	MANOJKUMAR S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	611213114112	MANOJKUMAR.V	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	611213114114	MOHAMMAD MAHIN ABUBAKKAR A	III/VI	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
18.	611213114115	MOHAMMED [illegible]	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	611213114116	MOHAN.M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611213114117	MOHANKUMAR.N	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611213114119	MOHANRAJ.S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611213114120	MOHANRAJ .R.E	III/VI	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
23.	611213114122	MURUGA POOBATHI .K	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611213114123	MURUGESH.B	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611213114125	NANDHAKUMAR .V	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611213114126	NANDHAKUMAR.R	III/VI	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
27.	611213114128	NARUN P	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611213114133	PALANISAMY .S	III/VI	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
29.	611213114134	PAVITHRAN S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611213114136	PRABAKARAN .P	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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DEPARTMENT OF MECHANICAL ENGINEERING

CENTER FOR HEATING VENTILATION AND AIR CONDITIONING

BATCH-II (2013-2017) AY: 2015-16

COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM -TRAINING ATTENDANCE

Year: III

Date: 25-1-16

Sl. No	Reg.No	Name of the Student	Year/ Sem	4/1/16	5/1/16	6/1/16	7/1/16	8/1/16	9/1/16	11/1/16	12/1/16	13/1/16	14/1/16	19/1/16	20/1/16	21/1/16	22/1/16	28/1/16
1.	611213114073	KALAIVANAN.S	III/VI	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/
2.	611213114079	KARTHIKEYAN .M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	611213114086	KEERTHIVASAN.S.	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611213114091	KRISHNAKUMAR.P	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611213114093	LOGANATHAN.S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
6.	611213114095	MADHAN M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611213114100	MAIVIZHI .R	III/VI	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
8.	611213114101	MAKESH RAJ S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611213114103	MANI.S	III/VI	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	611213114104	MANI .T	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	611213114105	MANIKANDAN .S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611213114106	MANIKANDAN S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	611213114107	MANIVEL .T.S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611213114109	MANOJ S	III/VI	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/

Sl.No	Reg.No	Name of the Student	Year/ Sem	3/8/15	4/8/15	5/8/15	6/8/15	7/8/15	10/8/15	11/8/15	12/8/15	13/8/15	14/8/15	17/8/15	18/8/15	19/8/15	20/8/15	21/8/15
18.	611213114040	GOKUL.V	III/V	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
19.	611213114042	GOKULNATH.V	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611213114043	GOPI.K	III/V	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611213114046	GOVINDARAJ.C	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611213114051	GOWTHAM.T	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611213114054	GOWTHAMRAJ .D. G	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611213114057	HARIHARAN G	III/V	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
25.	611213114060	HUSSAIN AHAMED.F	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611213114061	ILAIYVEL SABARIRAJ.K.T	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611213114062	ILAVARASAN.S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611213114063	JAGASUTHAN. S	III/V	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
29.	611213114071	KALAIARASAN.D	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611213114072	KALAIVANAN.P	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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BATCH-I (2013-2017) AY: 2015-16
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Year: III

Date: 23-8-16

Sl.No	Reg.No	Name of the Student	Year/ Sem	3/8/15	4/8/15	5-8-15	6-8-15	7-8-15	10/8/15	11/8/15	12/8/15	13/8/15	14/8/15	17/8/15	18/8/15	19/8/15	20/8/15	21/8/15
1.	611213114003	AJITH KUMAR.A	III/V	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
2.	611213114006	ANNAMALAI.M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	611213114009	ARUNKUMAR.M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611213114010	ARUN VIJAY RAJ.T	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611213114016	BALAKRISNAN.S.M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	611213114018	BALAMURUGAN V	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611213114022	BHARATH.V	III/V	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
8.	611213114023	BHARATH KUMAR.M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611213114026	CHANDRU.R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	611213114027	CHINNARAJ R	III/V	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
11.	611213114028	DESIGA A A	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611213114029	DHANAPAL.M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	611213114031	DHANASEKARAN.S	III/V	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a
14.	611213114032	DHARANIDHARAN G	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	611213114034	ELAVARASAN.R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	611213114035	GAYATHRI .R	III/V	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
17.	611213114036	GIRIVASAN.M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Sl.No	Reg.No	Name of the Student	Year/ Sem	4-1-16	5-1-16	6-1-16	7-1-16	8-1-16	9-1-16	11-1-16	12-1-16	13-1-16	14-1-16	19-1-16	20-1-16	21-1-16	22-1-16	23-1-16
15.	611213114034	ELAVARASAN.R	III/VI	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
16.	611213114035	GAYATHRI .R	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	611213114036	GIRIVASAN.M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	611213114040	GOKUL.V	III/VI	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
19.	611213114042	GOKULNATH.V	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	611213114043	GOPI.K	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611213114046	GOVINDARAJ.C	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611213114051	GOWTHAM.T	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611213114054	GOWTHAMRAJ .D. G	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
24.	611213114057	HARIHARAN G	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611213114060	HUSSAIN AHAMED.F	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	611213114061	ILAIYVEL SABARIRAJ.K.T	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611213114062	ILAVARASAN.S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611213114063	JAGASUTHAN. S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611213114071	KALAIARASAN.D	III/VI	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
30.	611213114072	KALAIVANAN.P	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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BATCH-I (2013-2017) AY: 2015-16

COMPONENTS SIZING AND SELECTION FOR CHILLED WATER TYPE HVAC SYSTEM -TRAINING ATTENDANCE

Year: III

Date: 25-1-16

Sl.No	Reg.No	Name of the Student	Year/ Sem	4-1-16	5-1-16	6-1-16	7-1-16	8-1-16	9-1-16	11-1-16	12-1-16	13-1-16	14-1-16	19-1-16	20-1-16	21-1-16	22-1-16	28-1-16
1.	611213114003	AJITH KUMAR.A	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	611213114006	ANNAMALAI.M	III/VI	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
3.	611213114009	ARUNKUMAR.M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611213114010	ARUN VIJAY RAJ.T	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611213114016	BALAKRISNAN.S.M	III/VI	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
6.	611213114018	BALAMURUGAN V	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611213114022	BHARATH.V	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	611213114023	BHARATH KUMAR.M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611213114026	CHANDRU.R	III/VI	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
10.	611213114027	CHINNARAJ R	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	611213114028	DESIGA A A	III/VI	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
12.	611213114029	DHANAPAL.M	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	611213114031	DHANASEKARAN.S	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611213114032	DHARANIDHARAN G	III/VI	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Sl.No	Reg.No	Name of the Student	Year/ Sem	3/8/15	4/8/15	5/8/15	6/8/15	7/8/15	10/8/15	11/8/15	12/8/15	13/8/15	14/8/15	17/8/15	18/8/15	19/8/15	20/8/15	21/8/15
18.	611213114115	MOHAMMED SHERIEFF J	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19.	611213114116	MOHAN.M	III/V	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
20.	611213114117	MOHANKUMAR.N	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	611213114119	MOHANRAJ.S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	611213114120	MOHANRAJ .R.E	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	611213114122	MURUGA POOBATHI .K	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	611213114123	MURUGESH.B	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	611213114125	NANDHAKUMAR .V	III/V	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
26.	611213114126	NANDHAKUMAR.R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	611213114128	NARUN P	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28.	611213114133	PALANISAMY .S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	611213114134	PAVITHRAN S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	611213114136	PRABAKARAN .P	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

FACULTY I/C

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Kakapalayam (PO), Salem - 63

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504
DEPARTMENT OF MECHANICAL ENGINEERING
CENTER FOR HEATING VENTILATION AND AIR CONDITIONING
BATCH-II (2013-2017) AY: 2015-16
DESIGN OF PRACTICAL HVAC SYSTEM - TRAINING ATTENDANCE

Year: III

Date: 23-8-15

Sl.No	Reg.No	Name of the Student	Year/ Sem	3/8/15	4/8/15	5/8/15	6/8/15	7/8/15	10/8/15	11/8/15	12/8/15	13/8/15	14/8/15	17/8/15	18/8/15	19/8/15	20/8/15	21/8/15
1.	611213114073	KALAIVANAN.S	III/V	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
2.	611213114079	KARTHIKEYAN .M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3.	611213114086	KEERTHIVASAN.S.A	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	611213114091	KRISHNAKUMAR.P	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	611213114093	LOGANATHAN.S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	611213114095	MADHAN M	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	611213114100	MAIVIZHI .R	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	611213114101	MAKESH RAJ S	III/V	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	611213114103	MANI.S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	611213114104	MANI .T	III/V	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
11.	611213114105	MANIKANDAN .S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	611213114106	MANIKANDAN S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
13.	611213114107	MANIVEL .T.S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	611213114109	MANOJ S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	611213114111	MANOJKUMAR S	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	611213114112	MANOJKUMAR.V	III/V	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
17.	611213114114	MOHAMMAD MAHIN ABUBAKKAR A	III/V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	JAYAVEL SABARIRAJ . K J				
Register No	611212131140 61				
Date	23.8.15	Duration	60 Minutes	Max.Marks	50
Faculty Name JR	Marks Awarded				
Faculty Signature					

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
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Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	Chandru R				
Register No	611213114027				
Date	25.3.2015	Duration	60 Minutes	Max.Marks	50
Faculty Name J.R	Marks Awarded				
Faculty Signature					

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(A) Function of temperature (B) Physical property of a substance
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(A) J/m² sec (B) J/m °K sec (C) W/m °K (D) Option (B) and (C) above.

19. Which of the following statement is wrong?
(A) The heat transfer in liquid and gases takes place according to convection
(B) The amount of heat flow through a body is dependent upon the material of the body
(C) The thermal conductivity of solid metals increases with rise in temperature
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21. In free convection heat transfer transition from laminar to turbulent flow is governed by the critical value of the
(A) Reynold's number (B) Grashoff's number (C) Reynold's number, Grashoff's number (D) Prandtl number, Grashoff's number

22. Thermal conductivity of non-metallic amorphous solids with decrease in temperature
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23. According to Dalton's law of partial pressures, (where pb = Barometric pressure, pa = Partial pressure of dry air, and pv = Partial pressure of water vapour)
(A) Pb = pa – pv (B) Pb = pa + pv (C) Pb = pa × pv (D) Pb = pa/pv

24. Heat transfer takes place as per
(A) Zeroth law of thermodynamics (B) First law of thermodynamics (C) Second law of thermodynamics (D) Kirchaffs Law

25. The heat transfer by conduction through a thick sphere is given by
(A) Q = 2πkr1 r2 (T1 - T2)/ (r2 - r1) (B) Q = 4πkr1 r2 (T1 - T2)/ (r2 - r1)
(C) Q = 6πkr1 r2 (T1 - T2)/ (r2 - r1) (D) Q = 8πkr1 r2 (T1 - T2)/ (r2 - r1)

26. When heat is transferred from one particle of hot body to another by actual motion of the heated particles, it is referred to as heat transfer by
(A) Conduction (B) Convection (C) Radiation (D) Conduction and convection

27. Fourier's law of heat conduction is (where Q = Amount of heat flow through the body in unit time, A = Surface area of heat flow, taken at right angles to the direction of heat flow, dT = Temperature difference on the two faces of the body, dx = Thickness of the body, through which the heat flows, taken along the direction of heat flow, and k = Thermal conductivity of the body)
(A) k. A. (dT/dx) (B) k. A. (dx/dT) (C) k. (dT/dx) (D) k. (dx/dT)

28. When heat is transferred from hot body to cold body, in a straight line, without affecting the intervening medium, it is referred as heat transfer by
(A) Conduction (B) Convection (C) Radiation (D) Conduction and convection

29. Reynolds number (RN) is given by (where h = Film coefficient, l = Linear dimension, V = Velocity of fluid, k = Thermal conductivity, t = Temperature, ρ = Density of fluid, cp = Specific heat at constant pressure, and μ = Coefficient of absolute viscosity)
(A) RN = hl/k (B) RN = μ cp/k (C) RN = ρ V l /μ (D) RN = V²/t.cp

30. Sensible heat is the heat required to
(A) Change vapour into liquid (B) Change liquid into vapour
(C) Increase the temperature of a liquid of vapour (D) Convert water into steam and superheat it

31. Two locations where a cold air return should be installed:
(A) Open area of wall and low to the ground.
(B) Behind appliances and high on the wall.
(C) Open area of wall and high on the wall.
(D) Behind appliances and low to the ground.

32. Which of the following is a law of thermodynamics?
(A) Heat is a form of matter.
(B) Heat moves toward a place with higher intensity.
(C) Heat moves toward a place with lower intensity.
(D) Heat moves toward a place with a higher temperature.

33. If 1 pound of water warms to 60 degrees F from 55 degrees F, what btu of latent heat will it have absorbed?

(D)Heat moves toward a place with a higher temperature.

33. If 1 pound of water warms to 60 degrees F from 55 degrees F, what btu of latent heat will it have absorbed?

(A)2.5 (B)5 (C)10 (D)15

34. What is the amount of heat energy required to evaporate 1 pound of water?

(A)370 btu (B) 570 btu (C) 770 btu (D)970 btu

35. In an air conditioning and refrigeration system, what occurs in a condenser?

(A)The refrigerant absorbs the latent heat. (B)The refrigerant releases the latent heat.

(C)Latent heat is pressurized. (D) Latent heat is increased.

36. In Fahrenheit, the boiling point of water is _____.

(A)100 degrees (B)112 degrees (C)212 degrees (D)221 degrees

37. Ice exerts pressure _____.

(A)Upwards (B) Laterally (C) Downwards (D)In all directions

38. Pressure is usually measured in _____.

(A)Pounds per square foot (B) Pressure per square foot

(C)Pounds per square inch (D) Pressure per square inch

39. Vaporization can be increased by _____ the pressure on a liquid.

(A)Increasing (B) Equalizing (C) Reducing

40. Pressure on the high pressure side of a mechanical refrigeration unit is called _____.

(A)Suction pressure (B) Discharge or head pressure

(C) Differential l pressure (D) Absolute pressure

41. Dry bulb temperature is the temperature of air recorded by a thermometer, when

(A) It is not affected by the moisture present in the air

(B) Its bulb is surrounded by a wet cloth exposed to the air

(C) The moisture present in it begins to condense (D) None of the above

42. In refrigerators, the temperature difference between the evaporating refrigerant and the medium being cooled should be

(A) High, of the order of 25° (B) As low as possible (3 to 11°C) (C) Zero (D) Any value

43. The evaporator changes the low pressure liquid refrigerant from the expansion valve into

(A) High pressure liquid refrigerant (B) Low pressure liquid and vapour refrigerant

(C) Low pressure vapour refrigerant (D) None of these

44. Choose the correct statement

(A) A refrigerant should have low latent heat

(B) If operating temperature of system is low, then refrigerant with low boiling point should be used

(C) Pre-cooling and sub-cooling bf refrigerant are same

(D) Superheat and sensible heat of a refrigerant are same

45. Carbon dioxide is

(A) Colourless (B) Odourless (C) Non-flammable (D) All of these

46. Reducing suction pressure in refrigeration cycle

(A) Lowers evaporation temperature (B) Increases power required per ton of refrigeration

(C) Lowers compressor capacity because vapour is lighter (D) All of the above

47. The coefficient of performance of a domestic refrigerator is _____ as compared to a domestic air-conditioner.

(A) Same (B) Less (C) More (D) None of these

48. If a gas is to be liquefied, its temperature must be

(A) Increased to a value above its critical temperature

(B) Reduced to a value below its critical temperature

(C) Equal to critical temperature n (D) none of the above

49. The capacity of a domestic refrigerator is in the range of

(A) 0.1 to 0.3 TR (B) 1 to 3 TR (C) 3 to 5 TR (D) 5 to 7 TR

50. The lowest thermal diffusivity is of

(A) Iron (B) Lead (C) Aluminium (D) Rubber

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
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Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	Dhanasekaran B				
Register No	611213114306				
Date	23.8.2015	Duration	60 Minutes	Max.Marks	50
Faculty Name SMG	Marks Awarded				
Faculty Signature S.M. Gowtham	25				

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Design of Practical HVAC System				
Name of the Student	P. Vasanth				
Register No	611213114220				
Date	25.8.2015	Duration	60 Minutes	Max.Marks	50
Faculty Name SMG	Marks Awarded				
Faculty Signature S. M. Ganesh					

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Subject Name	Design of Practical HVAC System				
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Register No	611213114220				
Date	28.8.2015	Duration	60 Minutes	Max.Marks	50
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Faculty Signature S.M. [signature]	45				

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(A) Function of temperature (B) Physical property of a substance
(C) Dimensionless parameter (D) All of these

18. Unit of thermal conductivity in S.I. units is
(A) J/m² sec (B) J/m °K sec (C) W/m °K (D) Option (B) and (C) above.

19. Which of the following statement is wrong?
(A) The heat transfer in liquid and gases takes place according to convection
(B) The amount of heat flow through a body is dependent upon the material of the body
(C) The thermal conductivity of solid metals increases with rise in temperature
(D) Logarithmic mean temperature difference is not equal to the arithmetic mean temperature difference

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21. In free convection heat transfer transition from laminar to turbulent flow is governed by the critical value of the
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Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	S. Mani Kandan				
Register No	611213114106				
Date	25.1.2016	Duration	60 Minutes	Max.Marks	50
Faculty Name J.R	Marks Awarded				
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ANSWER ALL THE QUESTIONS-(50X01=50)

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(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
2. The dehumidification process, on the psychrometric chart, is shown by
(A) Horizontal line (B) Vertical line (C) Inclined line (D) Curved line
3. The wet bulb temperature at 100% relative humidity is _____ dry bulb temperature.
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4. The human body feels comfortable when the heat stored in the body is
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5. The heat rejection factor (HRF) is given by
(A) 1 + C.O.P (B) 1 - C.O.P. (C) 1 + (1/C.O.P) (D) 1 - (1/C.O.P)
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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
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Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	Dani. S				
Register No	611213114103				
Date	25.1.2016	Duration	60 Minutes	Max.Marks	50
Faculty Name JR	Marks Awarded				
Faculty Signature	46				

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Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	Gowtham Raj. D. CY				
Register No	611213114054				
Date	25.1.21	Duration	60 Minutes	Max.Marks	50
Faculty Name JR	Marks Awarded				
Faculty Signature Ramesh	43				

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(A) ¼ (B) 1/3 (C) 3 (D) 4

45. A refrigerant with the highest critical pressure is

(A) R-11 (B) R-12 (C) R-22 (D) Ammonia

46. The unit of thermal diffusivity is

(A) m/hK (B) m/h (C) m^2/h (D) m^2/hK

47. The comfort conditions in air conditioning are at (where DBT = Dry bulb temperature, and RH = Relative humidity)

(A) 25°C DBT and 100% RH (B) 20°C DBT and 80% RH

(C) 22°C DBT and 60% RH (D) 25°C DBT and 40% RH

48. The pressure at the outlet of a refrigerant compressor is called

(A) Suction pressure (B) Discharge pressure (C) Critical pressure (D) Back pressure

49. The bypass factor, in case of sensible cooling of air, is given by (where td_1 = Dry bulb temperature of air entering the cooling coil, td_2 = Dry bulb temperature of air leaving the cooling coil, and td_3 = Dry bulb temperature of the cooling coil)

(A) $(td_1 - td_3)/(td_2 - td_3)$ (B) $(td_2 - td_3)/(td_1 - td_3)$ (C) $(td_3 - td_1)/(td_2 - td_3)$ (D) $(td_3 - td_2)/(td_1 - td_3)$

50. The operating temperature of a cold storage is 2°C. The heat leakage from the surrounding is 30 kW for the ambient temperature of 40°C. The actual C.O.P. of refrigeration plant used is one fourth that of ideal plant working between the same temperatures. The power required to drive the plant is

(A) 1.86 kW (B) 3.72 kW (C) 7.44 kW (D) 18.6 kW

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	Arunvijay Raj. T				
Register No	611213114010.				
Date	25.1.2016	Duration	60 Minutes	Max.Marks	50
Faculty Name JR	Marks Awarded				
Faculty Signature Ramesh	35				

ANSWER ALL THE QUESTIONS-(50X01=50)

1. Which of the following refrigerant is highly toxic and flammable?
(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
2. The dehumidification process, on the psychrometric chart, is shown by
(A) Horizontal line (B) Vertical line (C) Inclined line (D) Curved line
3. The wet bulb temperature at 100% relative humidity is _____ dry bulb temperature.
(A) Same as (B) Lower than (C) Higher than (D) None of these
4. The human body feels comfortable when the heat stored in the body is
(A) Positive (B) Negative (C) Zero (D) None of these
5. The heat rejection factor (HRF) is given by
(A) 1 + C.O.P (B) 1 - C.O.P. (C) 1 + (1/C.O.P) (D) 1 - (1/C.O.P)
6. In order to collect liquid refrigerant and to prevent it from going to a _____, a device known as accumulator is used at the suction of compressor.
(A) Compressor (B) Condenser (C) Expansion valve (D) Evaporator
7. The vertical and uniformly spaced lines on a psychrometric chart indicates
(A) Dry bulb temperature (B) Wet bulb temperature (C) Dew point temperature
(D) Specific humidity
8. The undesirable property of a refrigerant is
(A) Non-toxic (B) Non-flammable (C) Non-explosive (D) High boiling point
9. The process, generally used in summer air conditioning to cool and dehumidify the air, is called
(A) Humidification (B) Dehumidification (C) Heating and humidification
(D) Cooling and dehumidification
10. The leakage in a refrigeration system using ammonia is detected by
(A) Halide torch (B) Sulphur sticks (C) Soap and water (D) All of these
11. The lowest temperature during the cycle in a vapour compression system occurs after
(A) Compression (B) Expansion (C) Condensation (D) Evaporation
12. In a domestic refrigerator, a capillary tube controls the flow of refrigerant from the
(A) Expansion valve to the evaporator (B) Evaporator to the thermostat
(C) Condenser to the expansion valve (D) Condenser to the evaporator
13. The refrigerant used in small tonnage commercial machines (hermetically sealed units) is
(A) Ammonia (B) Carbon dioxide (C) Sulphur dioxide (D) R-12
14. When the air is passed through an insulated chamber having sprays of water maintained at a temperature higher than the dew point temperature of entering air but lower than its dry bulb temperature, then the air is said to be
(A) Cooled and humidified (B) Cooled and dehumidified
(C) Heated and humidified (D) Heated and dehumidified
15. A refrigerant compressor is used to
(A) Raise the pressure of the refrigerant (B) Raise the temperature of the refrigerant
(C) Circulate the refrigerant through the refrigerating system (D) All of the above
16. In aqua ammonia absorption refrigeration system, incomplete rectification leads to accumulation of water in
(A) Condenser (B) Evaporator (C) Absorber (D) None of these

17. Most air cooled condensers are designed to operate with a temperature difference of
(A) 5°C (B) 8°C (C) 14°C (D) 22°C
18. In a reversed Brayton cycle, the heat is absorbed by the air during
(A) Isentropic compression process (B) Constant pressure cooling process
(C) Isentropic expansion process (D) Constant pressure expansion process
19. Wet bulb temperature is the temperature of air recorded by a thermometer, when
(A) It is not affected by the moisture present in the air
(B) Its bulb is surrounded by a wet cloth exposed to the air
(C) The moisture present in it begins to condense
(D) None of the above
20. The difference between dry bulb temperature and dew point temperature, is called
(A) Dry bulb depression (B) Wet bulb depression
(C) Dew point depression (D) Degree of saturation
21. In mechanical refrigeration system, the refrigerant has the maximum temperature
(A) In evaporator (B) Before expansion valve
(C) Between compressor and condenser (D) Between condenser and evaporator
22. The central air conditioning system has _____ overall efficiency as compared to individual systems.
(A) Same (B) Lower (C) Higher (D) None of these
23. Moisture should be removed from refrigerants to avoid
(A) Freezing at the expansion valve (B) Restriction to refrigerant flow
(C) Corrosion of steel plates (D) All of these
24. The specific humidity during humidification process
(A) Remains constant (B) Increases (C) Decreases (D) None of these
25. During a refrigeration cycle, heat is rejected by the refrigerant in a
(A) Compressor (B) Condenser (C) Evaporator (D) Expansion valve
26. In a vapour compression system, the condition of refrigerant is dry saturated vapour
(A) Before entering the compressor (B) After leaving the compressor
(C) Before entering the condenser (D) After leaving the condenser
27. During sensible cooling of air, specific humidity
(A) Remains constant (B) Increases (C) Decreases (D) None of these
28. In a psychrometric chart, specific humidity (moisture content) lines are
(A) Vertical and uniformly spaced (B) Horizontal and uniformly spaced
(C) Horizontal and non-uniformly spaced (D) Curved lines
29. The horizontal and non-uniformly spaced lines on a psychrometric chart indicates
(A) Dry bulb temperature (B) Wet bulb temperature
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30. In a vapour compression refrigeration system, a throttle valve is used in place of an expander because
(A) It considerably reduces mass of the system (B) It improves the C.O.P., as the condenser is small
(C) The positive work in isentropic expansion of liquid is very small (D) It leads to significant cost reduction
31. The ratio of the actual mass of water vapour in a unit mass of dry air to the mass of water vapour in the same mass of dry air when it is saturated at the same temperature and pressure, is called
(A) Humidity ratio (B) Relative humidity (C) Absolute humidity (D) Degree of saturation
32. During dehumidification process, _____ remains constant.
(A) Wet bulb temperature (B) Relative humidity (C) Dry bulb temperature (D) Specific humidity
33. Pressure of water vapour is given by
(A) 0.622 Pv/ (Pb - Pv) (B) $\mu/[1 - (1 - \mu)(Ps/Pb)]$ (C) [Pv (Pb - Pd)]/ [Pd (Pb - Pv)] (D) None of these
34. R-12 is generally preferred over R-22 in deep freezers since
(A) It has low operating pressures (B) It gives higher coefficient of performance
(C) It is miscible with oil over large range of temperatures (D) All of the above
35. In a spray washing system, if the temperature of water is higher than the dry-bulb temperature of entering air, then the air is

37. An infinite parallel planes with emissivities e_1 and e_2, the interchange factor for radiation from surface 1 to surface 2 is given by

(A) $(e_1 + e_2)/ e_1 + e_2 - e_1e_2$ (B) $1/e_1 + 1/e_2$ (C) $e_1 + e_2$ (D) e_1e_2

38. The emissivity of a polished silver body is _____ as compared to black body.

(A) Same (B) Low (C) Very low (D) High

39. Air refrigerator works on

(A) Reversed Carnot cycle (B) Bell Coleman cycle (C) Both (A) and (B) (D) None of these

40. The relative coefficient of performance is equal to

(A) (Theoretical C.O.P.)/ (Actual C.O.P.) (B) (Actual C.O.P.) /(Theoretical C.O.P.)

(C) (Actual C.O.P.) × (Theoretical C.O.P.) (D) None of these

41. In case of sensible cooling of air, the coil efficiency is given by

(A) B.P.F. – 1 (B) 1 - B.P.F. (C) 1/ B.P.F. (D) 1 + B.P.F.

42. For large tonnage (more than 200 TR) air-conditioning applications, the compressor recommended is

(A) Reciprocating (B) Rotating (C) Centrifugal (D) Screw

43. The wet bulb temperature during sensible cooling of air

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47. The comfort conditions in air conditioning are at (where DBT = Dry bulb temperature, and RH = Relative humidity)

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KNOWLEDGE INSTITUTE OF TECHNOLOGY					
DEPARTMENT OF MECHANICAL ENGINEERING					
Iapmo-India – Kiot, Centre of Excellence					
Subject Name	Components sizing and selection for chilled water type HVAC system				
Name of the Student	A. Ajithkumar				
Register No	611213114003				
Date	25.1.16	Duration	60 Minutes	Max.Marks	50
Faculty Name	Marks Awarded				
J.R	40				
Faculty Signature					

ANSWER ALL THE QUESTIONS-(50X01=50)

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(A) B.P.F. – 1 (B) 1 - B.P.F. (C) 1/ B.P.F. (D) 1 + B.P.F.

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	Approved by AICTE, Affiliated to Anna University,Chennai.	Date
	Kakapalayam (PO), Salem – 637 504 | www.kiot.ac.in	22.06.2015

REPORT OF THE EVENT

Date	:	15.06.2015- 19.06.2015	**Resource person**	:	**Mr.M.E.Rajamanikam** **Managing Director,** **Bits 'n' Watts Embedded Solution, Chennai.**
Time	:	09.00 am to 04.50 pm	**Title**	:	Certificate Course on "**Hardware & Software Interface design**"
Venue	:	**B-Block** **CC4- Lab**	**No. of Participants**	:	22 (III-ECE students)

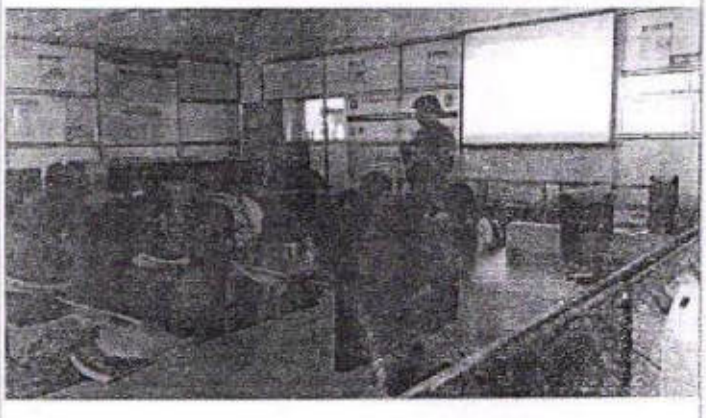
Students Learning:

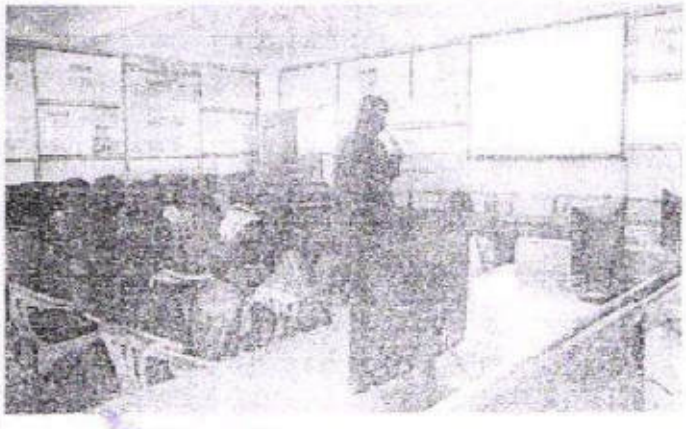
Students are able to learn about Hardware interface design (HID) is a cross-disciplinary design field that shapes the physical connection between people and technology in order to create new hardware interfaces that transform purely digital processes into analog methods of interaction. It employs a combination of filmmaking tools, software prototyping, and electronics bread boarding.

Through this parallel visualization and development, hardware interface designers are able to shape a cohesive vision alongside business and engineering that more deeply embeds design throughout every stage of the product. The development of hardware interfaces as a field continues to mature as more things connect to the internet.

Hardware interface designers draw upon industrial design, interaction design and electrical engineering. Interface elements include touchscreens, knobs, buttons, sliders and switches as well as input sensors such as microphones, cameras, and accelerometers.

Systems design is the process of defining the architecture, modules, interfaces, and data for a system to satisfy specified requirements. Systems design could be seen as the application of systems theory to product development. User Interface Design is concerned with how users add information to the system and with how the system presents information back to them. Data Design is concerned with how the data is represented and stored within the system. Finally, Process Design is concerned with how data moves through the system, and with how and where it is validated, secured and/or transformed as it flows into, through and out of the system. At the end of the system design phase, documentation describing the three sub-tasks is produced and made available for use in the next phase.





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Approved by AICTE, Affiliated to Anna University.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Circular No.	2015-16/04	Date	12/06/2015
To	III[rd] Year ECE Students		
Subject	Certificate Course on "**Hardware & Software Interface design**"	From-to	15.06.2015- 19.06.2015

Department of ECE organizes Certificate Course on "**Hardware & Software Interface design**" for III[rd] Year ECE Students. In this regard the interested Students of III[rd] Year ECE are requested to attend program without fail.

Date & Time	Name of the Program	Resource Person	Venue
15.06.2015- 19.06.2015 (09.00 am to 04.50pm)	Certificate Course on "Hardware & Software Interface design"	**Mr.M.E.Rajamanikam Managing Director, Bits 'n' Watts Embedded Solution, Chennai.**	**B-Block (CC4 -LAB)**

Dinesh 12/06/15
FACULTY INCHARGE

12/6/15
HOD/ECE

PRINCIPAL

MECH	VP Office	EEE	ECE	CSE	CIVIL	S&H	PD	LIB	AO	MBA	Hostel NB	Residential Warden	College NB	Office/ File
*	*	*	*										*	*

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem - 637 504

From:

Mr.G.Dineshkumar,
Assistant Professor / ECE,
Department of Electronics and Communication Engineering,
Knowledge Institute of Technology,
Salem.

To:

The Principal,
Knowledge Institute of Technology,
Salem

Through: Head of the Department,
Department of Electronics and Communication Engineering

Respected Sir,

Sub: Certificate Course conduction–regarding

Department of Electronics and Communication Engineering organizing Certificate Course on "**Hardware & Software Interface design**". In this regard, I request your permission to execute the Certificate Course for III[rd] Year Electronics and Communication Engineering students.

Thanking You

Salem
12/06/2015

Yours Faithfully
Dinesh 12/6/2015
Mr.G.Dineshkumar

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Knowledge Institute of Technology
Kakapalayam (PO), Salem - 637 504

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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To	III[rd] Year ECE Students		
Subject	Certificate Course on "**Hardware & Software Interface design**"	From-to	15.06.2015- 19.06.2015

Syllabus

Unit-1

Data representation; assembly language and assembly-level computer architecture; performance measurement and optimization; the memory hierarchy, including I/O and devices; virtual memory; storage management; and interrupts, signals, and process control.

Unit-2

Design Process – Requirements – Specifications - Architecture Design - Designing of Components - System Integration

Unit-3

Component Interfacing - Memory Interfacing - I/O Device Interfacing - Interfacing Protocols - GPIB - FIREWIRE - USB - IRDA

Unit-4

Programming Languages - Desired Language Characteristics - Multi-tasking and Task Scheduling - Use of High Level Languages - C for Programming embedded systems - Programming and Run-time Environment - Compiling, Assembling, Linking – Debugging.

Unit-5

Implementation - Development Environment-Debugging Techniques - Manufacturing and Testing - Design Examples - Alarm Clock - Audio player - Software modem - Digital still camera.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

To	III[rd] Year ECE Students
Subject	Certificate Course on **"Hardware & Software Interface design"**

Faculty Profile

M.E.Rajamanikam Profile:

M.E. Rajamanikam is a leading industrialist based in Chennai who specialized in UPS and Power Supplies in the brand name of "Gemini".

His major clients are in the cable TV industry. He is a pioneer in the introduction of Power Pass Technology in cable TV in Tamilnadu.

He has around 32 years of experience in this field since the era of vacuum tubes. He is also an authorized dealer for Electronics for You in Kits 'n' Spare, Delhi and VEGA KITS, Mumbai.

He has also shared his expertise to student community by guiding them in their academic projects and conducting training courses.

He has conducted around 60 workshops in reputed educational institutions, which include 7 workshops in collaboration with Anna University and AICTE, 8 short-term training courses for Polytechnics and 40 individual seminars.

His field of interest includes Embedded System Design and Power Electronics.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate Course on "**Hardware & Software Interface design**"- Name list

Year/Deg./Dept./Sem. : III B.E./ECE-A&B /V **Academic year:** 2015-16 **Date:** 12/06/2015

S.No.	Name of the student	Section
1.	VENKATESAN.M	III-ECE-B
2.	VENNILA S	III-ECE-B
3.	VIHAAHENE A.S	III-ECE-B
4.	VIDYA R	III-ECE-B
5.	YOGAPRIYA.R	III-ECE-B
6.	PRIYA K	III-ECE-B
7.	RAJABOMMANNAN G	III-ECE-B
8.	RANJITH S	III-ECE-B
9.	SANTHOSHKUMAR M	III-ECE-B
10.	SENTHIL N K	III-ECE-B
11.	MALLIKARAJA M	III-ECE-A
12.	MANGAIYARKARASI R	III-ECE-A
13.	MEENA.P	III-ECE-A
14.	MOHANA PRIYA.P(95)	III-ECE-A
15.	MOHANAPRIYA.P(96)	III-ECE-A
16.	MOHANRAJ.P	III-ECE-A
17.	MONICA SHREE.M	III-ECE-A
18.	MONIKAA.S.P	III-ECE-A
19.	KARTHIK A	III-ECE-A
20.	KAVYA S	III-ECE-A
21.	MONISHA M	III-ECE-A
22.	NIJANDAN D	III-ECE-A

12/6/15
Faculty Incharge

12/6/15
HOD ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Attendance

Certificate Course on "**Hardware & Software Interface design**"

Year/Deg./Dept./Sem. : III B.E./ECE-A&B /V **Academic year:** 2015-16 **Date:** 12/06/2015

S.No.	Name of the student	Section	15.06.15	16.06.15	17.06.15	18.06.15	19.06.15
1.	VENKATESAN.M	III-ECE-B	/	/	/	/	/
2.	VENNILA S	III-ECE-B	/	/	/	/	/
3.	VHAAHENE A.S	III-ECE-B	/	/	/	/	/
4.	VIDYA R	III-ECE-B	/	/	/	/	/
5.	YOGAPRIYA.R	III-ECE-B	/	OA	/	/	/
6.	PRIYA K	III-ECE-B	/	/	/	/	/
7.	RAJABOMMANNAN G	III-ECE-B	/	/	/	/	/
8.	RANJITH S	III-ECE-B	/	/	/	/	/
9.	SANTHOSHKUMAR M	III-ECE-B	/	/	OA	/	/
10.	SENTHIL N K	III-ECE-B	/	/	/	/	/
11.	MALLIKARAJA M	III-ECE-A	/	/	/	/	/
12.	MANGAIYARKARASI R	III-ECE-A	/	/	/	/	/
13.	MEENA.P	III-ECE-A	/	/	/	/	/
14.	MOHANA PRIYA.P(95)	III-ECE-A	/	/	/	/	/
15.	MOHANAPRIYA.P(96)	III-ECE-A	/	/	/	/	/
16.	MOHANRAJ.P	III-ECE-A	/	/	/	OA	/
17.	MONICA SHREE.M	III-ECE-A	/	/	/	/	/
18.	MONIKAA.S.P	III-ECE-A	/	/	/	/	/
19.	KARTHIK A	III-ECE-A	/	/	/	/	/
20.	KAVYA S	III-ECE-A	/	/	/	/	/
21.	MONISHA M	III-ECE-A	/	/	/	/	/
22.	NIJANDAN D	III-ECE-A	/	/	/	/	/

Dinesh 19/6/15
Faculty Incharge

19/6/15
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Evaluation of participants performance

Certificate Course on "**Hardware & Software Interface design**"

Year/Deg./Dept./Sem. : III B.E./ECE-A&B /V **Academic year:** 2015-16 **Date:** 12/06/2015

S.No.	Name of the student	Section	Marks Scored (50)
1.	VENKATESAN.M	III-ECE-B	42
2.	VENNILA S	III-ECE-B	34
3.	VHAAHENE A.S	III-ECE-B	32
4.	VIDYA R	III-ECE-B	36
5.	YOGAPRIYA.R	III-ECE-B	38
6.	PRIYA K	III-ECE-B	42
7.	RAJABOMMANNAN G	III-ECE-B	44
8.	RANJITH S	III-ECE-B	46
9.	SANTHOSHKUMAR M	III-ECE-B	42
10.	SENTHIL N K	III-ECE-B	38
11.	MALLIKARAJA M	III-ECE-A	34
12.	MANGAIYARKARASI R	III-ECE-A	36
13.	MEENA.P	III-ECE-A	32
14.	MOHANA PRIYA.P(95)	III-ECE-A	44
15.	MOHANAPRIYA.P(96)	III-ECE-A	38
16.	MOHANRAJ.P	III-ECE-A	28
17.	MONICA SHREE.M	III-ECE-A	26
18.	MONIKAA.S.P	III-ECE-A	30
19.	KARTHIK A	III-ECE-A	34
20.	KAVYA S	III-ECE-A	40
21.	MONISHA M	III-ECE-A	44
22.	NIJANDAN D	III-ECE-A	38

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Question Paper

Certificate Course on "**Hardware & Software Interface design**"

Name of the Student: VHARHENE. A. S. Date: 19.6.15.

Class: III - ECE - B

1. Which of the following are header files?
   a) #include
   b) file
   c) struct()
   d) proc()

16/25 Jinesh

2. Which of the following is also known as loader?
   a) locater
   b) linker
   c) assembler
   d) compiler
3. Which of the following gives the final control to the programmer?
   a) linker
   b) compiler
   c) locater
   d) simulator
4. Embedded systems applications typically involve processing information as
   A. Block level
   B. Logical volumes
   C. Distance
   D. Signals
5. Processor must accept and process frame before next frame arrives, typically called
   A. Hard real-time systems
   B. Real-time constraints
   C. Real-data constraints
   D. Soft real-time systems
6. Average time for a particular task is constrained as well as is number of instances when some maximum time is exceeded, stated approach is known as
   A. Hard real-time systems
   B. Real-data constraints
   C. Real-time constraints
   D. Soft real-time systems
7. Caches can be converted into software-managed on-chip memories via
   A. Block level
   B. Seek time
   C. Line locking
   D. Line blocking
8. Which type of non-privileged processor mode is entered due to raising of high priority of an interrupt?

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a. User mode
b. Fast Interrupt Mode (FIQ)
c. Interrupt Mode (IRQ)
d. Supervisor Mode (SVC)

9. In the process of pipelining, which instructions are fetched from the memory by the ARM processor during the execution of current instruction?
a. Previous
b. Present
c. Next
d. All of the above

10. If the three stages of execution in pipelining are overlapped, how would be the speed of execution?
a. Higher
b. Moderate
c. Lower
d. Unpredictable

11. How is the nature of instruction size in CISC processors?
a. Fixed
b. Variable
c. Both a and b
d. None of the above

12. What is/are the configuration status of control unit in RISC Processors?
a. Hardwired
b. Microprogrammed
c. Both a and b
d. None of the above

13. While designing an embedded system, which sub-task oriented process allocates the time steps for various modules that share the similar resources?
a. Simulation and Validation
b. Iteration
c. Hardware-Software Partitioning
d. Scheduling

14. In DAC 0808, which among the following is configured as a reference in addition to R-2R ladder and current switches?
a. Voltage amplifier
b. Current amplifier
c. Transconductance amplifier
d. Transresistance amplifier

15. What is the size range of the alphanumeric LCDs?
a. 1 to 8 characters
b. 8 to 80 characters
c. 100 to 150 characters
d. 250 to 400 characters

16. Which among the following is/are integrated by OTG controller in order to implement OTG dual-role device functionality?
a. Host Controller
b. Device Controller
c. Master-only I^2C bus interface
d. All of the above

17. In Von Neumann architecture, which among the following handles all the operations of the system that are inside and outside the processor?
a. Input Unit
b. Output Unit

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c. Control Unit
d. Memory Unit
18. In CPU structure, where is one of the operand provided by an accumulator in order to store the result?
a. Control Unit
b. Arithmetic Logic Unit
c. Memory Unit
d. Output Unit
19. Which types of embedded systems involve the coding at a simple level in an embedded 'C', without any necessity of RTOS?
a. Small Scale Embedded Systems
b. Medium Scale Embedded Systems
c. Sophisticated Embedded Systems
d. All of the above
20. In Cortex-A processor series, which among the following is the standalone and smallest processor in size constraints with high-end application support?
a. Cortex-A5
b. Cortex-A9
c. Cortex-A53
d. Cortex-A59
21. In DC motor interfacing, which field/s is/are generated by forcing current through the coil for spinning of the motor?
a. Electric field
b. Electrostatic field
c. Magnetic field
d. All of the above
22. Which of the following are not dependent on the actual hardware performing the physical task?
a. applications
b. hardware
c. registers
d. parameter block
23.Which of the following is an example of single task operating system?
a.android
b. windows
c. IOS
d. CP/M
24. Which of the following cannot carry implicit information?
a. semaphore
b. message passing
c. threads
d. process
25. Which of the following works by dividing the processor's time?
a. single task operating system
b. multitask operating system
c. kernel
d. applications

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Department of Electronics and Communication Engineering

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This is to certify that Ms-/ Mr ....VENKATESAN M-III ECE-B has successfully completed the Certificate Course on **Hardware & Software Interface design** from 15.06.15 ..... To 17.06.15.. conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.

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This is to certify that Ms / ~~Mr~~ MONISHA. M. *of* ~~III~~ ECE - A *has successfully completed the Certificate Course on* ***Hardware & Software Interface design*** *from* 15.06.15 *To* 19.06.15 *conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.*

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INTEC

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This is to certify that ~~Ms~~ / Mr KARTHIK.A. III-ECE-A *has successfully completed the Certificate Course on* ***Hardware & Software Interface design*** *from* 15.06.15 *To* 19.06.15 *conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.*

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DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Revathi. S

Title of the Course: Testing digital memory, mixed signal VLSI circuits

Year/ Sem / Sec: II / III / B

Dept : ECE **Date:** 27.6.14.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available	✓				
Overall rating about lecture and Training	✓				

Two positive points about the Course:

1. Easy to understand the concept of
2. VLSI Circuits

Suggestions for improvement:

1. —
2. —

Revathi S

(Signature of the student)

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DEPARTMENT OF ECE
FEEDBACK FORM

Name of the Student: Aakila Banu. A

Title of the Course: Testing digital memory, mixed signal VLSI circuit

Year/ Sem / Sec: II / IV / A

Dept : ECE **Date:** 27.08.14

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available	✓				
Overall rating about lecture and Training	✓				

Two positive points about the Course:

1. The course was good and learned.
2. Simulated related software & testing

Suggestions for improvement:

1. -
2.

Aakila Banu. A

(Signature of the student)

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DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Arunkumar. G

Title of the Course: Testing digital memory, mixed signal/ VLSI circ

Year/ Sem / Sec: II/III/A

Dept : ECE **Date:** 27/6/14.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available	✓				
Overall rating about lecture and Training		✓			

Two positive points about the Course:

1. The course was very usefull
2. Learned more skills about digital/ memory testing.

Suggestions for improvement:

1. Need of some Power point materials.
2.

G Arunkumar

(Signature of the student)

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DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Dharini P

Title of the Course: Testing digital memory, mixed signal/ VLSI circu

Year/ Sem / Sec: II / III / B

Dept : ECE **Date:** 27. 6. 14

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Two positive points about the Course:

1. The course was good.
2. Useful to do projects & placements

Suggestions for improvement:

1. —
2.

Dharini P

(Signature of the student)

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DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Parithra k

Title of the Course: Testing digital memory, mixed signal VLSI circuits

Year/ Sem / Sec: II/III/B

Dept : ECE **Date:** 27.6.14

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills	✓				
Sincerity/commitment	✓				
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Two positive points about the Course:

1. Usefull for doing projects & simulation
2. db software projects

Suggestions for improvement:

1. ✓
2.

Parithra k

(Signature of the student)

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Knowledge Institute of Technology
Kakapalayam (PO), Salem - 637 504

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	Kakapalayam (PO), Salem – 637 504	www.kiot.ac.in	22.06.2015

REPORT OF THE EVENT

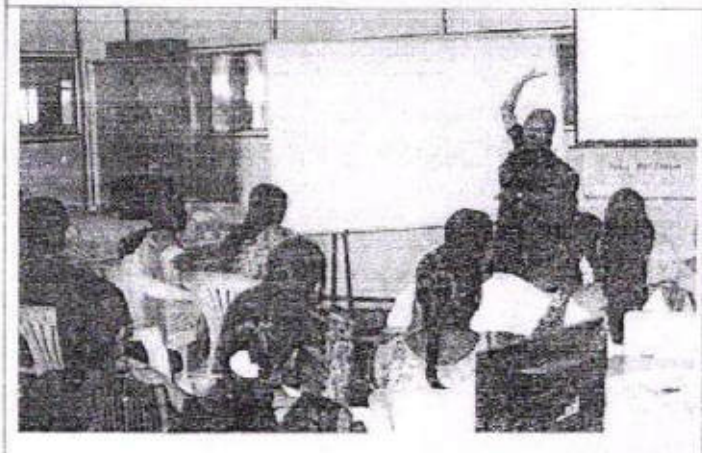
Date	:	15.06.2015- 19.06.2015	**Resource person**	:	**Mrs.Rooparamasamy, Consultant for RV-VLSI, Bangalore.**
Time	:	09.00 am to 04.50 pm	**Title**	:	Certificate Course on "**Testing digital memory, mixed signal VLSI circuits**"
Venue	:	**E-Block PG VLSI Design Lab**	**No. of Participants**	:	22 (II-ECE students)

Students Learning:

Students are able to learn about Design for testing or design for testability (DFT) consists of IC design techniques that add testability features to a hardware product design. The added features make it easier to develop and apply manufacturing tests to the designed hardware. The purpose of manufacturing tests is to validate that the product hardware contains no manufacturing defects that could adversely affect the product's correct functioning.

Tests are applied at several steps in the hardware manufacturing flow and, for certain products, may also be used for hardware maintenance in the customer's environment. The tests are generally driven by test programs that execute using automatic test equipment (ATE) or, in the case of system maintenance, inside the assembled system itself. In addition to finding and indicating the presence of defects (i.e., the test fails), tests may be able to log diagnostic information about the nature of the encountered test fails. The diagnostic information can be used to locate the source of the failure.

Integrated circuit or monolithic integrated circuit (also referred to as an IC, a chip, or a microchip) is a set of electronic circuits on one small flat piece (or "chip") of semiconductor material that is normally silicon. The integration of large numbers of tiny MOS transistors into a small chip results in circuits that are orders of magnitude smaller, faster, and less expensive than those constructed of discrete electronic components. The IC's mass production capability, reliability, and building-block approach to circuit design has ensured the rapid adoption of standardized ICs in place of designs using discrete transistors. ICs are now used in virtually all electronic equipment and have revolutionized the world of electronics. Computers, mobile phones, and other digital home appliances are now inextricable parts of the structure of modern societies, made possible by the small size and low cost of ICs.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Circular No.	2015-16/02	Date	12/06/2015
To	II[nd] Year ECE Students		
Subject	Certificate Course on " **Testing digital memory, mixed signal VLSI circuits** "	From-to	15.06.2015- 19.06.2015

Department of ECE organizes Certificate Course on "**Testing digital memory, mixed signal VLSI circuits**" for II[nd] Year ECE Students. In this regard the interested Students of II[nd] Year ECE are requested to attend program without fail.

Date & Time	Name of the Program	Resource Person	Venue
15.06.2015-19.06.2015 (09.00 am to 04.50pm)	Certificate Course on "Testing digital memory, mixed signal VLSI circuits "	Mrs.Rooparamasamy, Consultant for RV-VLSI, Bangalore.	E-Block (PG VLSI -LAB)

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MECH	VP Office	EEE	ECE	CSE	CIVIL	S&H	PD	LIB	AO	MBA	Hostel NB	Residential Warden	College NB	Office/ File
*	*	*	*	*	*	*				*			*	*

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Kakapalayam (PO), Salem - 637 504

From:

Mrs.M.Shenbagapriya,
Assistant Professor / ECE.
Department of Electronics and Communication Engineering,
Knowledge Institute of Technology,
Salem.

To:

The Principal,
Knowledge Institute of Technology,
Salem .

Through: Head of the Department, Department of Electronics and Communication Engineering

Respected Sir,

Sub: Certificate Course conduction–regarding

Department of Electronics and Communication Engineering organizing Certificate Course on **"Testing digital memory, mixed signal VLSI circuits".** In this regard, I request your permission to execute the Certificate Course for Electronics and Communication Engineering students.

Thanking You

Salem

12/06/2015

Yours Faithfully

Mrs.M.Shenbagapriya

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Knowledge Institute of Technology
Kakapalayam (P.O), Salem - 637 504

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Circular No.	2015-16/02	Date	12/06/2015
To	II[nd] Year ECE Students		
Subject	Certificate Course on " **Testing digital memory, mixed signal VLSI circuits** "	From-to	15.06.2015- 19.06.2015

Syllabus

Unit-1

Scope of testing and verification in VLSI design process. Issues in test and verification of complex chips, embedded cores and SOCs.

Unit-2

Fundamentals of VLSI testing. Automatic test pattern generation. Test interface and boundary scan. System testing and test for SOCs. Delay fault testing. BIST for testing of logic and memories. Test automation.

Unit-3

Design verification techniques based on simulation, analytical and formal approaches. Functional verification. Timing verification. Formal verification. Basics of equivalence checking and model checking. Hardware emulation.

Unit-4

CMOS testing: Testing of static and dynamic circuits. Fault diagnosis: Fault models for diagnosis, Cause- effect diagnosis, Effect-cause diagnosis.

Unit-5

Static and Dynamic Latches and Registers, Timing issues, pipelines, clock strategies, Memory architecture and memory control circuits, Low power memory circuits.

M.S 12/06/15.

FACULTY INCHARGE

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12/06/15.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

To	II[rd] Year ECE Students
Subject	Certificate Course on " **Testing digital memory, mixed signal VLSI circuits"**

Faculty Profile

Mrs.Rooparamasamy Profile:

She bring along a solid foundation in the field of VLSI Design Training, Online Teaching & Training and Math Mentorship. As an Instructor, she provide quality coaching and employing technical expertise to imbibe strong industry skills in Electronics Engineers, College Students, and other Professionals looking to bolster their skill set across Logic Design, RTL Design and Verification, System Verilog and UVM.

Over the years, she had been leading result-oriented training programs / sessions across institutions and organizations. she have successfully delivered training programs to engineering colleges under the RV-VLSI and IEEE umbrella and have contributed to the method of teaching RTL-Design/Verification/System Verilog and UVM, gaining the stature of a trusted expert in the field. she am skilled at conceptualization, and executing online Skills Development & Learning programs with a focus to upgrade students' skills and working knowledge.

On many occasions, she have been invited as a Guest Faculty to a number of well reputed Engineering colleges. she have conducted numerous workshops, training sessions, and seminars leveraging her strong grasp over VLSI concepts. she am capable of maintaining the same standards via online classes, being known for writing and thoroughly explaining programs live in class.

Besides, she am also a Consultant with IDEK firm and develop Math Manipulatives for Children and provide Math tuitions to students (5th to 10th class) on the online platform "Vedantu". What preceded her teaching endeavors was her job as a Design Engineer for Texas Instruments, she was involved in a host of duties pertaining to Testing and DFT, while rooting out & diminishing the problem space from corner case failures and estimating potential failures. Eventually, her passion to be an exemplary teacher devoted to contributing to professional education with the intent to igniting and instructing young minds.

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she employed her experience in mentoring and teaching to start working as an online instructor for Mathematics for 'Vedantu' which is an online tutoring company since August 2016. Prior to this, she have been personally tutoring students on Math.

At Vedantu, she have successfully established an educational atmosphere where learners have the opportunity to ful fill their potential and demonstrated results in the form of students achieving academic success.

Her key role is to improvise on the basic lesson plans and teaching methods with a focus to provide a more dedicated approach to each student. she constantly aim to establish healthy relationships with the students, relying on word of mouth and positive feedback to increase enrollment in the online programs. she have accomplished about 750 sessions in Vedantu with a rating of 4.9/5 and garnered positive feedback and praise. Additionally, she have steadily developed Math manipulatives for IDEK for children from 6th-8thstandards to support their understanding of Math.

She started her career as with Texas Instruments India Pvt. Ltd. Her duties chiefly focused on Design for Testability operations, right from creation of the spec, to design and onto verification. Being accredited for developing various Test structures for multiple SOCs while coding the complete Test Controller Block in Verilog and verifying it at the at the top level.

She worked extensively on the VLCT (Very Low-Cost Tester) interface successfully led many real time implementations for the products.

She completed Bachelor's Degree in the Field of Study Bachelor of Engineering (Electronics and Communication) Grade81% Dates attended or expected graduation1999 – 2003 Activities and Societies: Elocution, Essay Writing, Public Speaking and other Literary Activities Teaching/Mentoring at B. M. S. College of Engineering.

Domain of Interest : Digital Electronics, Digital Design Using Verilog, VLSI.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate Course on "**Testing digital memory, mixed signal VLSI circuits**"- Name list

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /III **Academic year:** 2015-16 **Date:** 12/06/2015

S.No.	Name of the student	Section
1.	ABINAYA S	II-ECE-B
2.	ABIRAMI B	II-ECE-B
3.	AMIRTHA VARSHINI S	II-ECE-B
4.	ANAND M	II-ECE-B
5.	BHARANIDHAR S	II-ECE-B
6.	BHUVANESHWARI K	II-ECE-B
7.	DEEPADHARSHINI N	II-ECE-B
8.	DHANASEKARAN A	II-ECE-B
9.	DIVYA A	II-ECE-B
10.	DIVYA M	II-ECE-B
11.	DIVYABHARATHI S	II-ECE-B
12.	GOWRI B	II-ECE-B
13.	ABINAYA M	II-ECE-A
14.	ARCHANA R	II-ECE-A
15.	ARVIND R	II-ECE-A
16.	DINESH T	II-ECE-A
17.	GOKUL G	II-ECE-A
18.	GOKULAPRIYA V	II-ECE-A
19.	GOWTHAMAN A	II-ECE-A
20.	HEMA S	II-ECE-A
21.	HEMA PREETHA M	II-ECE-A
22.	ISHWARYA D	II-ECE-A

M.S 12/6/15
Faculty Incharge

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Attendance

Certificate Course on "**Testing digital memory, mixed signal VLSI circuits**"

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /III **Academic year:** 2015-16 **Date:** 12/06/2015

S.No.	Name of the student	Section	15.06.15	16.06.15	17.06.15	18.06.15	19.06.15
1.	ABINAYA S	II-ECE-B	/	/	/	/	/
2.	ABIRAMI B	II-ECE-B	/	/	/	/	/
3.	AMIRTHA VARSHINI S	II-ECE-B	/	/	/	/	/
4.	ANAND M	II-ECE-B	/	/	/	/	/
5.	BHARANIDHAR S	II-ECE-B	/	/	/	/	/
6.	BHUVANESHWARI K	II-ECE-B	/	/	a	/	/
7.	DEEPADHARSHINI N	II-ECE-B	/	/	/	/	/
8.	DHANASEKARAN A	II-ECE-B	/	/	/	/	/
9.	DIVYA A	II-ECE-B	/	/	/	/	/
10.	DIVYA M	II-ECE-B	/	/	/	/	/
11.	DIVYABHARATHI S	II-ECE-B	/	/	/	/	/
12.	GOWRI B	II-ECE-B	/	/	/	/	/
13.	ABINAYA M	II-ECE-A	/	/	/	/	/
14.	ARCHANA R	II-ECE-A	/	/	/	/	/
15.	ARVIND R	II-ECE-A	/	/	/	/	/
16.	DINESH T	II-ECE-A	/	/	/	/	/
17.	GOKUL G	II-ECE-A	/	/	/	/	/
18.	GOKULAPRIYA V	II-ECE-A	/	/	/	a	/
19.	GOWTHAMAN A	II-ECE-A	/	/	/	/	/
20.	HEMA S	II-ECE-A	/	/	/	/	/
21.	HEMA PREETHA M	II-ECE-A	/	/	/	/	/
22.	ISHWARYA D	II-ECE-A	/	/	/	/	/

M.S 19/6/15
Faculty Incharge

19.6.15
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Evaluation of participants performance

Certificate Course on "**Testing digital memory, mixed signal VLSI circuits**"

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /III **Academic year:** 2015-16 **Date:** 12/06/2015

S.No.	Name of the student	Section	Marks Scored (50)
1.	ABINAYA S	II-ECE-B	34
2.	ABIRAMI B	II-ECE-B	32
3.	AMIRTHA VARSHINI S	II-ECE-B	36
4.	ANAND M	II-ECE-B	38
5.	BHARANIDHAR S	II-ECE-B	42
6.	BHUVANESHWARI K	II-ECE-B	44
7.	DEEPADHARSHINI N	II-ECE-B	28
8.	DHANASEKARAN A	II-ECE-B	26
9.	DIVYA A	II-ECE-B	30
10.	DIVYA M	II-ECE-B	34
11.	DIVYABHARATHI S	II-ECE-B	28
12.	GOWRI B	II-ECE-B	40
13.	ABINAYA M	II-ECE-A	42
14.	ARCHANA R	II-ECE-A	36
15.	ARVIND R	II-ECE-A	32
16.	DINESH T	II-ECE-A	34
17.	GOKUL G	II-ECE-A	36
18.	GOKULAPRIYA V	II-ECE-A	32
19.	GOWTHAMAN A	II-ECE-A	40
20.	HEMA S	II-ECE-A	42
21.	HEMA PREETHA M	II-ECE-A	38
22.	ISHWARYA D	II-ECE-A	32

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Faculty Incharge

19/6/15
HOD/ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Question Paper

Certificate Course on "**Testing digital memory, mixed signal VLSI circuits**"

Name of the Student: Divya.M. Date: 19.6.15

Class: II ECE-B

1. VLSI technology uses _____ to form integrated circuit
   a) transistors
   b) switches
   c) diodes
   d) buffers

17/25

2. Medium scale integration has
   a) ten logic gates
   b) fifty logic gates
   c) hundred logic gates
   d) thousands logic gates

M.Sc

3. The difficulty in achieving high doping concentration leads to
   a) error in concentration
   b) error in variation
   c) error in doping
   d) distrubution error
4. _____ is used to deal with effect of variation
   a) chip level technique
   b) logic level technique
   c) switch level technique
   d) system level technique
5. As die size shrinks, the complexity of making the photomasks
   a) increases
   b) decreases
   c) remains the same
   d) cannot be determined
6. _____ architecture is used to design VLSI
   a) system on a device

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b) single open circuit

c) system on a chip

d) system on a circuit

7. The design flow of VLSI system is

1. architecture design 2. market requirement 3. logic design 4. HDL coding

a) 2-1-3-4

b) 4-1-3-2

c) 3-2-1-4

d) 1-2-3-4

8. _____ is used in logic design of VLSI

a) LIFO

b) FIFO

c) FILO

d) LILO

9. Which provides higher integration density?

a) switch transistor logic

b) transistor buffer logic

c) transistor transistor logic

d) circuit level logic

10. Physical and electrical specification is given in

a) architectural design

b) logic design

c) system design

d) functional design

11. _____ impurities are added to the wafer of the crystal

a) n impurities

b) p impurities

c) silicon

d) crystal

12. What kind of substrate is provided above the barrier to dopants?

a) insulating

b) conducting

c) silicon

d) semi conducting

13. The photoresist layer is exposed to

a) visible light

b) ultraviolet light

c) infra red light

d) LED

14. In nMOS device, gate material could be

a) silicon

b) polysilicon

c) boron

d) phosphorus

15. Heavily doped polysilicon is deposited using

a) chemical vapour decomposition

b) chemical vapour deposition

c) chemical deposition

d) dry deposition

16. In diffusion process, _____ impurity is desired

a) n type

b) p type

17. Contact cuts are made in

a) source

b) drain

c) metal layer

d) diffusion layer

18. Interconnection pattern is made on

a) polysilicon layer

b) silicon-di-oxide layer

c) metal layer

d) diffusion layer

19. CMOS technology is used in developing

a) microprocessors

b) microcontrollers

c) digital logic circuits

d) all of the mentioned

20. CMOS has

a) high noise margin

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b) high packing density

c) high power dissipation

d) high complexity

21. Oxidation process is carried out using

a) hydrogen

b) low purity oxygen

c) sulphur

d) nitrogen

22. Photoresist layer is formed using

a) high sensitive polymer

b) light sensitive polymer

c) polysilicon

d) silicon di oxide

23. In CMOS fabrication,the photoresist layer is exposed to

a) visible light

b) ultraviolet light

c) infra red light

d) fluorescent

24. Which has high input resistance?

a) nMOS

b) CMOS

c) pMOS

d) BiCMOS

25. Silicon oxide is patterned on a substrate using:

a) Physical lithography

b) Photolithography

c) Chemical lithography

d) Mechanical lithography

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Department of Electronics and Communication Engineering

Certificate of Completion

This is to certify that Ms / ~~Mr~~ ABINAYA.S.-I-ECE-8... has successfully completed the Certificate Course on ***Testing digital memory, mixed signal VLSI circuits*** *from 15.6.15.. To 19.6.15.... conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.*

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HOD/ ECE

RV– TRAINER

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Department of Electronics and Communication Engineering

Certificate of Completion

This is to certify that Ms / ~~Mr~~ .DIVYA.M-II-ECE-B..... has successfully completed the Certificate Course on ***Testing digital memory, mixed signal VLSI circuits*** *from 15.6.15.. To 17.6.15..... conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.*

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Department of Electronics and Communication Engineering

Certificate of Completion

This is to certify that ~~Ms~~ / Mr BHARANIDHAR.S-II-ECE-B *has successfully completed the Certificate Course on* ***Testing digital memory, mixed signal VLSI circuits*** *from* 15.6.15 *To* 19.6.15 *conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.*

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Department of Electronics and Communication Engineering

Certificate of Completion

This is to certify that ~~Mr~~ / Mr ARVIND.R. II-ECE-A *.. has successfully completed the Certificate Course on* ***Testing digital memory, mixed signal VLSI circuits*** *from* 15.6.15 *.. To* 19.6.15 *..... conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.*

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Department of Electronics and Communication Engineering

Certificate of Completion

This is to certify that ~~Mr~~ / Mr DINESH.T.-II-ECE.-A *..... has successfully completed the Certificate Course on* ***Testing digital memory, mixed signal VLSI circuits*** *from* 15.6.15 *To* 19.6.15 *.... conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.*

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DEPARTMENT OF ECE
FEEDBACK FORM

Name of the Student: Ishwarya D.

Title of the Course: Testing digital memory mixed signal VLSI circuits

Year/ Sem / Sec: II / III / A

Dept : ECE

Date: 19.6.15.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Two positive points about the Course:

1. The course was very useful
2. for us to do projects.

Suggestions for improvement:

1.

2.

Ishwarya. D

(Signature of the student)

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DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Abirami. B.

Title of the Course: Testing digital memory, mixed signal VLSI circuits

Year/ Sem / Sec: III / III / B

Dept : ECE **Date:** 19.06.15.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available	✓				
Overall rating about lecture and Training	✓				

Two positive points about the Course:

1. we Learned skills about mixed signal
2. VLSI circuits

Suggestions for improvement:

1. –
2. –

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Abirami. B

(Signature of the student)

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DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Deepadharshini.N.

Title of the Course: Testing, digital memory, mixed signal/ VLSI circuit

Year/ Sem / Sec: II/III/B

Dept : ECE **Date:** 19.6.15.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Two positive points about the Course:

1. The course was very good and
2. learned more things

Suggestions for improvement:

1. —
2.

Deepadh.N

(Signature of the student)

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DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Divya Bharathi S

Title of the Course: Testing digital memory mixed signal/VLSI circuits

Year/ Sem / Sec: II / III / B

Dept : ECE **Date:** 19/06/15.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available	✓				
Overall rating about lecture and Training		✓			

Two positive points about the Course:

1. Acquire skills about testing digital
2. memory, mixed signal VLSI circuits

Suggestions for improvement:

1. –
2. –

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Divya bharathi S

(Signature of the student)

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DEPARTMENT OF ECE
FEEDBACK FORM

Name of the Student: Gowthaman. A.

Title of the Course: Testing digital memory, mixed signal VLSI circuits

Year/ Sem / Sec: II / IV / A

Dept : ECE **Date:** 19.6.15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Speaker knowledge of the subject	✓				
Communication skills		✓			
Sincerity/commitment	✓				
Additional resources available	✓				
Overall rating about lecture and Training		✓			

Two positive points about the Course:

1. It is very useful for studying VLSI
2. Circuits

Suggestions for improvement:

1.

2.

Gowthaman A

(Signature of the student)

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Beyond Knowledge

Quality Improvement Cell (QIC)

Circular No.	2015-16 / QIC /265	Date	16 / 12 / 2015
To	All Department HOD's		
Subject	IIT Spoken Tutorial Online Courses – Nominating Department Coordinator		

We are happy to inform that the **Quality Improvement Cell (QIC)** in association with **IIT BOMBAY** has been planned to establish **"IIT SPOKEN TUTORIAL – ONLINE COURSES"** on January 2016. In this regard, we request all the Heads of the Department to kindly go through the website www.iitspokentutorial.org for reference and nominate a coordinator for the same **on or Before 18-12-2015** to the Principal Office.

To RR/RP – look into it & discuss

18/12/15

16/12/15 — **COORDINATOR**

17/12/15 — **HOD**

17/12/15 — **VICE PRINCIPAL**

PRINCIPAL

MECH	EEE	ECE	CSE	CIVIL	S&H	PD	LIB	AO	Transport I/c	Hostel NB	Residential Warden	College NB	Office/ File
*	*	*	*	*	*			*				*	*

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Knowledge Institute of Technology
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SALEM-637 504

Department of Computer Science and Engineering

Quality Improvement Cell (QIC)

Circular No.	2015-16 / QIC / 04	Date	05 / 02 / 2016
To	All Department HODs' and Students		
Subject	***Inaugural of Spoken Tutorial Online Courses***		

We are very happy to inform that the Quality Improvement Cell (QIC) in association with IIT Bombay have been planned to inaugurate spoken tutorial online courses on **08/02/2016**. In this regard, we kindly invite all head of the departments and department spoken tutorial coordinators to this function.

Venue : CSE PG Seminar Hall **TIME**: 3.00PM – 4.30PM

The following courses are planned to conduct in this semester:

S.No	Name of the Course	Department	Number of Students Registered
1.	C & C++	CSE	40
		EEE	20
		ECE Second Year	20
2.	Java	ECE Third Year	40
3.	Firefox	CIVIL	30
4.	Open FOAM	MECH	40

Note: HODs' are requested to send 10 students from their respective departments to attend this function

To RP/RR – Take 5 from II nd A & III rd 'B'

OVERALL COORDINATOR 5/2/16 | HOD 05/02/16 | VICE PRINCIPAL 5/2/16 | PRINCIPAL

MECH	EEE	ECE	CSE	CIVIL	S&H	PD	LIB	AO	Trans port i/c	Hostel NB	Residential Warden	College NB	Office/ File
*	*	*	*	*	*			*				*	*

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Department of Computer Science and Engineering

Venue: CSE PG Seminar Hall Date: 8th February 2016 Time: 03.00 P.M to 04.30 P.M

The Management, Principal, staff and students of CSE Department cordially invites you to the Inaugural Function of

IIT Spoken Tutorial

spoken-tutorial

Ministry of Human Resources and Development
Govt Of India

Dr.K.VISAGAVEL
Vice Principal, KIOT.
has kindly consented to offer the inaugural address

Dr.P.RAJENDRAN
Director Placement, KIOT.
has kindly consented to offer the felicitation address

Prof.M.THANGAVAL
Director Training, KIOT.
has kindly consented to offer the felicitation address

Dr.V.KUMAR
Professor & Head/CSE, KIOT.
has kindly consented to offer the HOD address

Kindly charm the juncture with your presence

Principal,
Knowledge Institute of Tech
Kakapalayam

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate for completion of Java Training

Attendance

Year/Deg./Dept./Sem. : III B.E./ECE-A&B /VI **Academic year:** 2015-16 **Date:** 16/12/2015

S.No.	Name of the student	Section	08.02.16	10.02.16	15.02.16	17.02.16	22.02.16
1.	AAKILA BANU A	III-ECE-A	/	/	/	/	/
2.	ABINAYA V	III-ECE-A	/	/	/	/	/
3.	ABIRAMI.T	III-ECE-A	/	/	/	/	/
4.	ABISHEK KUMAR K	III-ECE-A	/	/	/	/	/
5.	AMUTHAVALLI M	III-ECE-A	/	a	/	/	/
6.	ANITHA.M	III-ECE-A	/	/	/	/	/
7.	ARUNKUMAR.G	III-ECE-A	/	/	/	/	/
8.	AYYAPPAN V	III-ECE-A	/	/	/	/	/
9.	BABYKIRUTHIGA K	III-ECE-A	a	/	/	/	/
10.	BALAJI R	III-ECE-A	/	/	/	/	/
11.	BHUVANESWARI R	III-ECE-A	/	/	/	/	/
12.	DEEPAMBIKA N	III-ECE-A	/	/	a	/	/
13.	DEEPASRI.T	III-ECE-A	/	/	/	/	/
14.	DEEPIKA T	III-ECE-A	/	/	/	a	/
15.	DHANASEKAR A	III-ECE-A	/	/	/	/	/
16.	DHARANKUMAR J	III-ECE-A	/	/	/	/	/
17.	DHARINI P	III-ECE-A	/	/	/	/	/
18.	DINESH.V	III-ECE-A	/	a	/	/	/
19.	DINESH KUMAR R	III-ECE-A	/	/	/	/	/
20.	DIVYA BHARATHI S	III-ECE-A	/	/	/	/	/
21.	DIVYA DHARSHINI S	III-ECE-A	/	/	/	/	/
22.	ELAHI A	III-ECE-A	/	/	/	/	/

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23.	ELAYA RAJA.M	III-ECE-A	/	/	/	/	/
24.	ESWARI.S	III-ECE-A	/	a	/	/	/
25.	FATHIMA BEVI .M	III-ECE-A	/	/	/	/	/
26.	GOKILAPRIYA R	III-ECE-A	/	/	/	/	/
27.	GOKUL PRIYA.M	III-ECE-A	/	/	/	/	/
28.	GOPINATH.D	III-ECE-A	/	/	a	/	/
29.	HARI HARAN A	III-ECE-A	/	/	/	/	/
30.	HARIHARASUDHAN M	III-ECE-A	/	/	/	/	/
31.	HARI PRASATH R	III-ECE-A	/	/	/	/	/
32.	HARSHA SHARMA V	III-ECE-A	/	/	/	/	/
33.	INDHUMATHI.L	III-ECE-A	/	/	/	/	/
34.	INDHUMATHI P	III-ECE-A	/	/	/	/	/
35.	JAYACHITRA R	III-ECE-A	/	a	/	/	/
36.	JAYASHRI.S	III-ECE-A	/	/	/	/	/
37.	JOTHI.K	III-ECE-A	/	/	/	/	a
38.	KALIDASAN R	III-ECE-A	/	/	/	/	/
39.	KARTHIGA.S	III-ECE-A	/	/	/	/	/
40.	KAVITHA R	III-ECE-A	/	/	/	a	/
41.	KIRUTHIKA R	III-ECE-A	/	/	/	/	/
42.	KOKILAVANI.R	III-ECE-A	/	/	/	/	/
43.	KOWSALYA K	III-ECE-A	/	/	/	/	a
44.	KOWSALYA M	III-ECE-A	/	/	/	/	/
45.	MALLIKARAJA M	III-ECE-A	/	/	/	/	/
46.	MANGAIYARKARASI R	III-ECE-A	/	/	/	/	/
47.	MEENA.P	III-ECE-A	/	/	/	/	/
48.	MOHANA PRIYA.P(95)	III-ECE-A	/	/	/	/	/
49.	MOHANAPRIYA.P(96)	III-ECE-A	/	/	/	/	/
50.	MOHANRAJ.P	III-ECE-A	/	/	/	/	/
51.	MONICA SHREE.M	III-ECE-A	/	/	/	/	/
52.	MONIKAA.S.P	III-ECE-A	/	/	/	/	/

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53.	KARTHIK A	III-ECE-A	✓	✓	✓	✓	✓
54.	KAVYA S	III-ECE-A	✓	a	✓	✓	✓
55.	MONISHA M	III-ECE-A	✓	✓	✓	✓	✓
56.	NIJANDAN D	III-ECE-A	✓	✓	✓	✓	✓
57.	MYTHILI S	III-ECE-B	✓	✓	✓	✓	✓
58.	NANDHINI.A	III-ECE-B	✓	✓	✓	✓	✓
59.	NANDHINI.R	III-ECE-B	✓	✓	✓	✓	✓
60.	NIVETHA.N	III-ECE-B	a	✓	✓	✓	✓
61.	PAVITHRA.I	III-ECE-B	✓	✓	✓	✓	✓
62.	PAVITHRA.K	III-ECE-B	✓	✓	✓	✓	✓
63.	PAVITHRA S	III-ECE-B	✓	✓	✓	✓	✓
64.	PRABAKARAN.S	III-ECE-B	✓	✓	✓	✓	✓
65.	PRADHEEP KUMAR S	III-ECE-B	✓	✓	✓	✓	✓
66.	PRASANNA A	III-ECE-B	✓	✓	✓	✓	✓
67.	PRAVINKUMAR R	III-ECE-B	✓	a	✓	✓	✓
68.	PRIYADHARSHINI M	III-ECE-B	✓	✓	✓	✓	✓
69.	RAJESH KUMAR.S	III-ECE-B	✓	✓	✓	✓	✓
70.	RAMYADEVI M	III-ECE-B	✓	✓	✓	✓	✓
71.	RENUGA P	III-ECE-B	✓	✓	a	✓	✓
72.	REVATHI S	III-ECE-B	✓	✓	✓	✓	✓
73.	SABARI VASAN.S	III-ECE-B	✓	✓	✓	✓	a
74.	SAKTHI PRIYA.N	III-ECE-B	✓	✓	✓	✓	✓
75.	SAKTHIVEL A	III-ECE-B	✓	✓	✓	✓	✓
76.	SANGEETHA B	III-ECE-B	✓	✓	✓	✓	✓
77.	SANGEETHA V	III-ECE-B	✓	✓	✓	✓	✓
78.	SANTHIYA T	III-ECE-B	✓	✓	✓	✓	✓
79.	SARAVANAN S	III-ECE-B	✓	a	✓	✓	✓
80.	SATHIYA BAMA.N	III-ECE-B	✓	✓	✓	✓	✓
81.	SATHYA S	III-ECE-B	✓	✓	✓	✓	✓
82.	SHALINI S	III-ECE-B	✓	✓	✓	✓	✓
83.	SHANMUGAPRIYA S	III-ECE-B	✓	✓	✓	✓	✓

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84.	SHARMILA V	III-ECE-B	/	/	/	/	/
85.	SHIVARANJANI.R	III-ECE-B	/	/	/	/	/
86.	SHYLAJA S	III-ECE-B	/	/	a	/	/
87.	SOUNDARYA.S	III-ECE-B	/	/	/	/	/
88.	SOUNDHARYAA S.K	III-ECE-B	/	/	/	/	/
89.	SOWMIYA R	III-ECE-B	/	/	/	/	/
90.	SOWNDARYA R	III-ECE-B	a	/	/	/	/
91.	SRIDEVI M	III-ECE-B	/	/	/	/	/
92.	SRIDHAR.V	III-ECE-B	/	/	/	a	/
93.	SUGANYA V	III-ECE-B	/	/	/	/	/
94.	SUGUNA.M	III-ECE-B	/	/	/	/	/
95.	SURESH KUMAR D	III-ECE-B	/	/	/	/	/
96.	TAMILARASI K R	III-ECE-B	/	/	/	/	/
97.	TAMILAZAGAN.M	III-ECE-B	/	/	/	/	/
98.	TAMILSELVAN S	III-ECE-B	/	/	/	/	a
99.	TAMIZHARASAN K	III-ECE-B	/	/	/	/	/
100.	THAMARAI KANNAN M	III-ECE-B	/	/	/	/	/
101.	THANVEER AHMED.A.H	III-ECE-B	/	/	/	/	/
102.	VASAN S	III-ECE-B	/	/	/	/	/
103.	VENKATESAN.M	III-ECE-B	/	/	/	/	/
104.	VENNILA S	III-ECE-B	/	/	/	/	/
105.	VHAAHENE A.S	III-ECE-B	/	/	/	/	/
106.	VIDYA R	III-ECE-B	/	/	/	/	/
107.	YOGAPRIYA.R	III-ECE-B	/	/	/	/	/
108.	PRIYA K	III-ECE-B	/	/	/	/	/
109.	RAJABOMMANNAN G	III-ECE-B	/	/	/	/	/
110.	RANJITH S	III-ECE-B	/	/	/	/	/
111.	SANTHOSHKUMAR M	III-ECE-B	/	/	/	/	/
112.	SENTHIL N K	III-ECE-B	/	/	/	/	/

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Evaluation of Participants Performance

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /IV **Academic year:** 2015-16 **Date:** 13/04/2016

S.No.	Name of the student	Section
1.	ABINAYA M	75
2.	ARCHANA R	74
3.	ARVIND R	56
4.	DINESH T	54
5.	GOKUL G	68
6.	GOKULAPRIYA V	62
7.	GOWTHAMAN A	64
8.	HEMA S	65
9.	HEMA PREETHA M	58
10.	ISHWARYA D	54
11.	JAYABHARATHI S	56
12.	JEEVAREKHA A	58
13.	MADHAN S	64
14.	MANIKANDAN K	55
15.	MOHANRAJ S	58
16.	NITHYA G	65
17.	PAVITHIRA A	68
18.	PAVITHRA R	65
19.	POOJA R	58
20.	PRADEEPKUMAR L	54
21.	PRAKASH V	59
22.	PREETHI M	65

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23.	ABINAYA S	68
24.	ABIRAMI B	66
25.	AMIRTHA VARSHINI S	64
26.	ANAND M	68
27.	BHARANIDHAR S	67
28.	BHUVANESHWARI K	69
29.	DEEPADHARSHINI N	51
30.	DHANASEKARAN A	52
31.	DIVYA A	58
32.	DIVYA M	59
33.	DIVYABHARATHI S	55

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Faculty Incharge

13/04/16
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Attendance

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /IV **Academic year:** 2015-16 **Date:** 16/12/2015

S.No.	Name of the student	Section	09.02.16	11.02.16	16.02.16	18.02.16	23.02.16
1.	ABINAYA M	II-ECE-A	/	/	/	/	/
2.	ARCHANA R	II-ECE-A	/	/	/	/	/
3.	ARVIND R	II-ECE-A	/	/	/	/	/
4.	DINESH T	II-ECE-A	/	/	/	/	/
5.	GOKUL G	II-ECE-A	/	/	/	/	/
6.	GOKULAPRIYA V	II-ECE-A	/	/	/	/	/
7.	GOWTHAMAN A	II-ECE-A	/	/	/	/	/
8.	HEMA S	II-ECE-A	/	a	/	/	/
9.	HEMA PREETHA M	II-ECE-A	/	/	/	/	/
10.	ISHWARYA D	II-ECE-A	/	/	/	/	/
11.	JAYABHARATHI S	II-ECE-A	/	/	/	/	/
12.	JEEVAREKHA A	II-ECE-A	/	/	/	/	/
13.	MADHAN S	II-ECE-A	/	/	a	/	/
14.	MANIKANDAN K	II-ECE-A	/	/	/	/	/
15.	MOHANRAJ S	II-ECE-A	/	/	/	/	/
16.	NITHYA G	II-ECE-A	/	/	/	/	/
17.	PAVITHIRA A	II-ECE-A	/	/	/	/	/
18.	PAVITHRA R	II-ECE-A	/	/	/	/	/
19.	POOJA R	II-ECE-A	/	/	/	/	/
20.	PRADEEPKUMAR L	II-ECE-A	/	/	/	/	/
21.	PRAKASH V	II-ECE-A	/	/	/	/	/
22.	PREETHI M	II-ECE-A	/	/	/	/	/

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23.	ABINAYA S	II-ECE-B	/	/	/	/	/
24.	ABIRAMI B	II-ECE-B	/	/	/	/	/
25.	AMIRTHA VARSHINI S	II-ECE-B	/	a	/	/	/
26.	ANAND M	II-ECE-B	/	/	/	/	/
27.	BHARANIDHAR S	II-ECE-B	/	/	/	a	/
28.	BHUVANESHWARI K	II-ECE-B	/	/	/	/	/
29.	DEEPADHARSHINI N	II-ECE-B	/	/	/	/	/
30.	DHANASEKARAN A	II-ECE-B	/	/	/	/	/
31.	DIVYA A	II-ECE-B	/	/	/	/	/
32.	DIVYA M	II-ECE-B	/	/	/	/	/
33.	DIVYABHARATHI S	II-ECE-B	/	/	/	/	/

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Faculty Incharge

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Year/Deg./Dept./Sem. : II B.E./ECE-A&B /IV **Academic year:** 2015-16 **Date:** 16/12/2015

S.No.	Name of the student	Section
1.	GOWRI B	II-ECE-B
2.	GOWSITHA B	II-ECE-B
3.	GOWTHAMA SWETHA M	II-ECE-B
4.	KAMALI D	II-ECE-B
5.	KANIMOZHI S	II-ECE-B
6.	KARTHIK A R	II-ECE-B
7.	KEERTHI G	II-ECE-B
8.	KHAVIYA R	II-ECE-B
9.	MALATHI M	II-ECE-B
10.	MOHAMMED ZIYAD J	II-ECE-B
11.	MOULIKA M	II-ECE-B
12.	ARUNKUMARB S	II-ECE-A
13.	DINESHKUMAR C	II-ECE-A
14.	ELAKIYAA D	II-ECE-A
15.	GOKUL S	II-ECE-A
16.	MANIMARAN M	II-ECE-A
17.	SRINIVASA PERUMAL A.S	II-ECE-A
18.	SRIRAM P	II-ECE-A
19.	TAMILSELVAN A	II-ECE-A
20.	VIGITHRA K	II-ECE-A
21.	VIGNESH S	II-ECE-B
22.	VIJAY L	II-ECE-B

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23.	VISHALI R	II-ECE-B
24.	ARAVINDAN D	II-ECE-B
25.	BOOPATHY J	II-ECE-B
26.	DIVYA KARTHIKA A	II-ECE-B
27.	KRISHNABHARATHI P	II-ECE-B
28.	MUTHUMANI N	II-ECE-B
29.	NAGADHARANI M	II-ECE-B
30.	SANKAR K	II-ECE-B
31.	VIGNESH M	II-ECE-B
32.	GOWRI B	II-ECE-B
33.	GOWSITHA B	II-ECE-B

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Year/Deg./Dept./Sem. : III B.E./ECE-A&B /VI **Academic year:** 2015-16 **Date:** 16/12/2015

S.No.	Name of the student	Section
1.	AAKILA BANU A	III-ECE-A
2.	ABINAYA V	III-ECE-A
3.	ABIRAMI.T	III-ECE-A
4.	ABISHEK KUMAR K	III-ECE-A
5.	AMUTHAVALLI M	III-ECE-A
6.	ANITHA.M	III-ECE-A
7.	ARUNKUMAR.G	III-ECE-A
8.	AYYAPPAN V	III-ECE-A
9.	BABYKIRUTHIGA K	III-ECE-A
10.	BALAJI R	III-ECE-A
11.	BHUVANESWARI R	III-ECE-A
12.	DEEPAMBIKA N	III-ECE-A
13.	DEEPASRI.T	III-ECE-A
14.	DEEPIKA T	III-ECE-A
15.	DHANASEKAR A	III-ECE-A
16.	DHARANKUMAR J	III-ECE-A
17.	DHARINI P	III-ECE-A
18.	DINESH.V	III-ECE-A
19.	DINESH KUMAR R	III-ECE-A
20.	DIVYA BHARATHI S	III-ECE-A
21.	DIVYA DHARSHINI S	III-ECE-A
22.	ELAHI A	III-ECE-A

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23.	ELAYA RAJA.M	III-ECE-A
24.	ESWARI.S	III-ECE-A
25.	FATHIMA BEVI .M	III-ECE-A
26.	GOKILAPRIYA R	III-ECE-A
27.	GOKUL PRIYA.M	III-ECE-A
28.	GOPINATH.D	III-ECE-A
29.	HARI HARAN A	III-ECE-A
30.	HARIHARASUDHAN M	III-ECE-A
31.	HARI PRASATH R	III-ECE-A
32.	HARSHA SHARMA V	III-ECE-A
33.	INDHUMATHI.L	III-ECE-A
34.	INDHUMATHI P	III-ECE-A
35.	JAYACHITRA R .	III-ECE-A
36.	JAYASHRI.S	III-ECE-A
37.	JOTHI.K	III-ECE-A
38.	KALIDASAN R	III-ECE-A
39.	KARTHIGA.S	III-ECE-A
40.	KAVITHA R	III-ECE-A
41.	KIRUTHIKA R	III-ECE-A
42.	KOKILAVANI.R	III-ECE-A
43.	KOWSALYA K	III-ECE-A
44.	KOWSALYA M	III-ECE-A
45.	MALLIKARAJA M	III-ECE-A
46.	MANGAIYARKARASI R	III-ECE-A
47.	MEENA.P	III-ECE-A
48.	MOHANA PRIYA.P(95)	III-ECE-A
49.	MOHANAPRIYA.P(96)	III-ECE-A
50.	MOHANRAJ.P	III-ECE-A
51.	MONICA SHREE.M	III-ECE-A
52.	MONIKAA.S.P	III-ECE-A
53.	KARTHIK A	III-ECE-A

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54.	KAVYA S	III-ECE-A
55.	MONISHA M	III-ECE-A
56.	NIJANDAN D	III-ECE-A
57.	MYTHILI S	III-ECE-B
58.	NANDHINI.A	III-ECE-B
59.	NANDHINI.R	III-ECE-B
60.	NIVETHA.N	III-ECE-B
61.	PAVITHRA.I	III-ECE-B
62.	PAVITHRA.K	III-ECE-B
63.	PAVITHRA S	III-ECE-B
64.	PRABAKARAN.S	III-ECE-B
65.	PRADHEEP KUMAR S	III-ECE-B
66.	PRASANNA A	III-ECE-B
67.	PRAVINKUMAR R	III-ECE-B
68.	PRIYADHARSHINI M	III-ECE-B
69.	RAJESH KUMAR.S	III-ECE-B
70.	RAMYADEVI M	III-ECE-B
71.	RENUGA P	III-ECE-B
72.	REVATHI S	III-ECE-B
73.	SABARI VASAN.S	III-ECE-B
74.	SAKTHI PRIYA.N	III-ECE-B
75.	SAKTHIVEL A	III-ECE-B
76.	SANGEETHA B	III-ECE-B
77.	SANGEETHA V	III-ECE-B
78.	SANTHIYA T	III-ECE-B
79.	SARAVANAN S	III-ECE-B
80.	SATHIYA BAMA.N	III-ECE-B
81.	SATHYA S	III-ECE-B
82.	SHALINI S	III-ECE-B
83.	SHANMUGAPRIYA S	III-ECE-B
84.	SHARMILA V	III-ECE-B

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85.	SHIVARANJANI.R	III-ECE-B
86.	SHYLAJA S	III-ECE-B
87.	SOUNDARYA.S	III-ECE-B
88.	SOUNDHARYAA S.K	III-ECE-B
89.	SOWMIYA R	III-ECE-B
90.	SOWNDARYA R	III-ECE-B
91.	SRIDEVI M	III-ECE-B
92.	SRIDHAR.V	III-ECE-B
93.	SUGANYA V	III-ECE-B
94.	SUGUNA.M	III-ECE-B
95.	SURESH KUMAR D	III-ECE-B
96.	TAMILARASI K R	III-ECE-B
97.	TAMILAZAGAN.M	III-ECE-B
98.	TAMILSELVAN S	III-ECE-B
99.	TAMIZHARASAN K	III-ECE-B
100.	THAMARAI KANNAN M	III-ECE-B
101.	THANVEER AHMED.A.H	III-ECE-B
102.	VASAN S	III-ECE-B
103.	VENKATESAN.M	III-ECE-B
104.	VENNILA S	III-ECE-B
105.	VHAAHENE A.S	III-ECE-B
106.	VIDYA R	III-ECE-B
107.	YOGAPRIYA.R	III-ECE-B
108.	PRIYA K	III-ECE-B
109.	RAJABOMMANNAN G	III-ECE-B
110.	RANJITH S	III-ECE-B
111.	SANTHOSHKUMAR M	III-ECE-B
112.	SENTHIL N K	III-ECE-B

Faculty Incharge 16/12/15

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HOD/ECE 16/12/15

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Certificate for completion of C Training

Evaluation of Participants Performance

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /IV **Academic year:** 2015-16 **Date:** 19/04/2016

S.No.	Name of the student	Marks
1.	GOWRI B	56
2.	GOWSITHA B	45
3.	GOWTHAMA SWETHA M	52
4.	KAMALI D	65
5.	KANIMOZHI S	54
6.	KARTHIK A R	48
7.	KEERTHI G	50
8.	KHAVIYA R	56
9.	MALATHI M	60
10.	MOHAMMED ZIYAD J	62
11.	MOULIKA M	64
12.	ARUNKUMARB S	53
13.	DINESHKUMAR C	54
14.	ELAKIYAA D	74
15.	GOKUL S	78
16.	MANIMARAN M	76
17.	SRINIVASA PERUMAL A.S	70
18.	SRIRAM P	64
19.	TAMILSELVAN A	66
20.	VIGITHRA K	65
21.	VIGNESH S	52
22.	VIJAY L	49

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23.	VISHALI R	58
24.	ARAVINDAN D	52
25.	BOOPATHY J	61
26.	DIVYA KARTHIKA A	56
27.	KRISHNABHARATHI P	63
28.	MUTHUMANI N	55
29.	NAGADHARANI M	58
30.	SANKAR K	68
31.	VIGNESH M	64
32.	GOWRI B	62
33.	GOWSITHA B	59

19/04/16
Faculty Incharge

19/04/16
HOD/ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate for completion of C Training

Attendance

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /IV **Academic year:** 2015-16 **Date:** 16/12/2015

S.No.	Name of the student	Section	09.02.16	11.02.16	16.02.16	18.02.16	23.02.16
1.	GOWRI B	II-ECE-B	/	/	/	/	/
2.	GOWSITHA B	II-ECE-B	/	/	/	/	/
3.	GOWTHAMA SWETHA M	II-ECE-B	a	/	/	/	/
4.	KAMALI D	II-ECE-B	/	/	/	/	/
5.	KANIMOZHI S	II-ECE-B	/	/	/	/	/
6.	KARTHIK A R	II-ECE-B	/	/	/	/	/
7.	KEERTHI G	II-ECE-B	/	a	/	/	/
8.	KHAVIYA R	II-ECE-B	/	/	/	/	/
9.	MALATHI M	II-ECE-B	/	/	/	/	/
10.	MOHAMMED ZIYAD J	II-ECE-B	/	/	/	/	/
11.	MOULIKA M	II-ECE-B	/	/	/	/	/
12.	ARUNKUMARB S	II-ECE-A	/	/	/	/	/
13.	DINESHKUMAR C	II-ECE-A	/	/	a	/	/
14.	ELAKIYAA D	II-ECE-A	/	/	/	/	/
15.	GOKUL S	II-ECE-A	/	/	/	/	/
16.	MANIMARAN M	II-ECE-A	/	/	/	/	/
17.	SRINIVASA PERUMAL A.S	II-ECE-A	/	/	/	a	/
18.	SRIRAM P	II-ECE-A	/	/	/	/	/
19.	TAMILSELVAN A	II-ECE-A	/	/	/	/	/
20.	VIGITHRA K	II-ECE-A	/	/	/	/	/
21.	VIGNESH S	II-ECE-B	/	/	/	/	/
22.	VIJAY L	II-ECE-B	/	/	/	/	/

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23.	VISHALI R	II-ECE-B	✓	✓	✓	✓	✓
24.	ARAVINDAN D	II-ECE-B	✓	✓	✓	✓	✓
25.	BOOPATHY J	II-ECE-B	✓	✓	✓	✓	✓
26.	DIVYA KARTHIKA A	II-ECE-B	✓	✓	✓	✓	✓
27.	KRISHNABHARATHI P	II-ECE-B	✓	✓	✓	✓	✓
28.	MUTHUMANI N	II-ECE-B	✓	✓	✓	✓	✓
29.	NAGADHARANI M	II-ECE-B	✓	✓	✓	✓	✓
30.	SANKAR K	II-ECE-B	✓	✓	✓	✓	✓
31.	VIGNESH M	II-ECE-B	✓	✓	✓	✓	✓

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate for completion of Cpp Training

Namelist

Year/Deg./Dept./Sem. : II B.E./ECE-A&B /IV **Academic year:** 2015-16 **Date:** 16/12/2015

S.No.	Name of the student	Section
1.	ABINAYA M	II-ECE-A
2.	ARCHANA R	II-ECE-A
3.	ARVIND R	II-ECE-A
4.	DINESH T	II-ECE-A
5.	GOKUL G	II-ECE-A
6.	GOKULAPRIYA V	II-ECE-A
7.	GOWTHAMAN A	II-ECE-A
8.	HEMA S	II-ECE-A
9.	HEMA PREETHA M	II-ECE-A
10.	ISHWARYA D	II-ECE-A
11.	JAYABHARATHI S	II-ECE-A
12.	JEEVAREKHA A	II-ECE-A
13.	MADHAN S	II-ECE-A
14.	MANIKANDAN K	II-ECE-A
15.	MOHANRAJ S	II-ECE-A
16.	NITHYA G	II-ECE-A
17.	PAVITHIRA A	II-ECE-A
18.	PAVITHRA R	II-ECE-A
19.	POOJA R	II-ECE-A
20.	PRADEEPKUMAR L	II-ECE-A
21.	PRAKASH V	II-ECE-A
22.	PREETHI M	II-ECE-A

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23.	ABINAYA S	II-ECE-B
24.	ABIRAMI B	II-ECE-B
25.	AMIRTHA VARSHINI S	II-ECE-B
26.	ANAND M	II-ECE-B
27.	BHARANIDHAR S	II-ECE-B
28.	BHUVANESHWARI K	II-ECE-B
29.	DEEPADHARSHINI N	II-ECE-B
30.	DHANASEKARAN A	II-ECE-B
31.	DIVYA A	II-ECE-B
32.	DIVYA M	II-ECE-B
33.	DIVYABHARATHI S	II-ECE-B

16/12/15
Faculty Incharge

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate for completion of Java Training

Evaluation of Participants Performance

Year/Deg./Dept./Sem. : III B.E./ECE-A&B /VI **Academic year:** 2015-16 **Date:** 19/04/2016

S.No.	Name of the student	Section
1.	AAKILA BANU A	75
2.	ABINAYA V	74
3.	ABIRAMI.T	56
4.	ABISHEK KUMAR K	54
5.	AMUTHAVALLI M	68
6.	ANITHA.M	62
7.	ARUNKUMAR.G	64
8.	AYYAPPAN V	65
9.	BABYKIRUTHIGA K	58
10.	BALAJI R	54
11.	BHUVANESWARI R	56
12.	DEEPAMBIKA N	58
13.	DEEPASRI.T	64
14.	DEEPIKA T	55
15.	DHANASEKAR A	58
16.	DHARANKUMAR J	65
17.	DHARINI P	68
18.	DINESH.V	65
19.	DINESH KUMAR R	58
20.	DIVYA BHARATHI S	54
21.	DIVYA DHARSHINI S	59
22.	ELAHI A	65

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23.	ELAYA RAJA.M	68
24.	ESWARI.S	66
25.	FATHIMA BEVI .M	64
26.	GOKILAPRIYA R	68
27.	GOKUL PRIYA.M	67
28.	GOPINATH.D	69
29.	HARI HARAN A	51
30.	HARIHARASUDHAN M	52
31.	HARI PRASATH R	58
32.	HARSHA SHARMA V	59
33.	INDHUMATHI.L	55
34.	INDHUMATHI P	58
35.	JAYACHITRA R	54
36.	JAYASHRI.S	56
37.	JOTHI.K	58
38.	KALIDASAN R	64
39.	KARTHIGA.S	55
40.	KAVITHA R	58
41.	KIRUTHIKA R	65
42.	KOKILAVANI.R	68
43.	KOWSALYA K	65
44.	KOWSALYA M	58
45.	MALLIKARAJA M	54
46.	MANGAIYARKARASI R	59
47.	MEENA.P	65
48.	MOHANA PRIYA.P(95)	68
49.	MOHANAPRIYA.P(96)	66
50.	MOHANRAJ.P	64
51.	MONICA SHREE.M	68
52.	MONIKAA.S.P	67
53.	KARTHIK A	69

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54.	KAVYA S	51
55.	MONISHA M	52
56.	NIJANDAN D	58
57.	MYTHILI S	59
58.	NANDHINI.A	55
59.	NANDHINI.R	75
60.	NIVETHA.N	74
61.	PAVITHRA.I	56
62.	PAVITHRA.K	54
63.	PAVITHRA S	68
64.	PRABAKARAN.S	62
65.	PRADHEEP KUMAR S	64
66.	PRASANNA A	65
67.	PRAVINKUMAR R	58
68.	PRIYADHARSHINI M	54
69.	RAJESH KUMAR.S	56
70.	RAMYADEVI M	58
71.	RENUGA P	64
72.	REVATHI S	55
73.	SABARI VASAN.S	58
74.	SAKTHI PRIYA.N	65
75.	SAKTHIVEL A	68
76.	SANGEETHA B	65
77.	SANGEETHA V	58
78.	SANTHIYA T	54
79.	SARAVANAN S	59
80.	SATHIYA BAMA.N	65
81.	SATHYA S	68
82.	SHALINI S	66
83.	SHANMUGAPRIYA S	64
84.	SHARMILA V	68

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85.	SHIVARANJANI.R	67
86.	SHYLAJA S	69
87.	SOUNDARYA.S	51
88.	SOUNDHARYAA S.K	52
89.	SOWMIYA R	58
90.	SOWNDARYA R	59
91.	SRIDEVI M	55
92.	SRIDHAR.V	75
93.	SUGANYA V	74
94.	SUGUNA.M	56
95.	SURESH KUMAR D	54
96.	TAMILARASI K R	68
97.	TAMILAZAGAN.M	62
98.	TAMILSELVAN S	64
99.	TAMIZHARASAN K	65
100.	THAMARAI KANNAN M	58
101.	THANVEER AHMED.A.H	54
102.	VASAN S	56
103.	VENKATESAN.M	58
104.	VENNILA S	64
105.	VHAAHENE A.S	55
106.	VIDYA R	58
107.	YOGAPRIYA.R	65
108.	PRIYA K	68
109.	RAJABOMMANNAN G	65
110.	RANJITH S	58
111.	SANTHOSHKUMAR M	54
112.	SENTHIL N K	59

19/04/16

Faculty Incharge

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19/04/16

HOD/ECE

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Department of Electronics & Communication Engineering

CLASS TIME TABLE

Academic Year: 2015-2016 Even Sem

Class : II Yr / IV Sem 'A' Section

Date: 18.01.2016

W.e.f: 27.01.2016

Hall No: B302

Period	1	2	10:40 - 10:55	3	4	12.35 - 1.25	5	6	3.05 - 3.20	7	8
Hour	9:00 - 9:50	9:50 - 10:40		10:55 - 11:45	11:45 - 12:35		1:25 - 2:15	2:15 - 3:05		3:20 - 4:10	4:10 - 5:00
MON	CT	CS	NTA	PRP	EMF	LUNCH	<----------C&SI / BE&CS LAB/SPOKEN TUTORIAL---------->				SPORTS
TUE	EMF	PRP		<----------P&T---------->			EC-II	CS		LIC	PRP
WED	EC-II	EMF		CT	LIC		<----------EE&CS / LIC LAB/SPOKEN TUTORIAL---------->				YOGA / AA
THU	PRP	<----------LIC / C&SI LAB/SPOKEN TUTORIAL---------->					CS	LIC		EC-II	EMF
FRI	LIC	CT		CS	LIB/NET		CT	EC-II		PRP	HOD/CON
SAT	CS	EC-II		EMF	PRP		LIC	CT		EMF	MAP

Subject Code	Subject Acronym	Name of the Subject	Name of the Faculty	Dept.	Periods / Week
Theory					
MA6451	PRP	PROBABILITY AND RANDOM PROCESS	Dr.R.Krishnasamy	S&H	6
EC6401	EC-II	ELECTRONIC CIRCUITS - II	Mr.V.Saravanan	ECE	4
EC6402	CT	COMMUNICATION THEORY	Mr.M.Dineshkumar	ECE	4
EC6403	EMF	ELECTROMAGNETEIC FIELDS	Ms.D.Gayathri	ECE	6
EC6404	LIC	LINEAR INTEGRATED CIRCUITS	Mr.P.Shanmugasundaram	ECE	5
EC6405	CS	CONTROL SYSTEM ENGINEERING	Mr.N.Vijayanandan	ECE	5
Practical					
EC6411	C&SI LAB	CIRCUITS AND SIMULATION INTEGRATED LABORATORY	Mr.M.Dineshkumar	ECE	6
EC6412	LIC LAB	LINEAR INTEGRATED CIRCUITS LABORATORY	Mr.P.Shanmugasundaram	ECE	6
EE6461	BE&CS LAB	ELECTRICAL ENGINEERING AND CONTROL SYSTEM LAB	Mr.S.Mohanvel	EEE	6
SPOKEN TUTORIAL		SPOKEN TUTORIAL Hour	Mr.R.Rasu	ECE	9
HOD/CON		HOD Hour / Contact Hour	Dr.N.Senthiyakumari / Mr.V.Saravanan	ECE	1
LIB/NET		Internet Hour / Library Hour	Mr.M.Dineshkumar/Mr.R.Rasu	ECE	1
P&T		Placement Training Hour	Mr.S.Veera kumar	ECE	2
SPORTS & YOGA/FAA		Sports Hour & Yoga / Frontier Area Awareness	Mr.R.Rasu	ECE	2
MAP		Make A Product	Mr.M.Dineshkumar	ECE	1
Class Adviser			Mr.M.Dineshkumar		

Principal

Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

M. Chandrasekar
Time Table IC

18/1/16
HOD

Vice Principal

Principal

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504

Department of Electronics & Communication Engineering

CLASS TIME TABLE

Academic Year: 2015-2016 Even Sem

Class : II Yr / IV Sem 'B' Section

Date: 18.01.2016

W.e.f. 27.01.2016

Hall No: B102

Period	1	2		3	4		5	6		7	
Time	10:00 - 10:50	10:50 - 11:40	11:40 - 11:55	11:55 - 12:45	12:45 - 1:35	1:35 - 2:25	2:25 - 3:15	3:15 - 4:05	4:05 - 4:20	4:20 - 5:10	5:10 - 6:00
Monday	EC-II	EMF		CT	PRP		<----------P&T---------->			LIC	SPORTS
Tuesday	LIC	CT		CS	EMF		PRF-T	<----------LIC / C&SI LAB/SPOKEN TUTORIAL---------->			
Wednesday	CT	EC-II		CT	EC-II		CS	EMF-T		PRP	YOGA/FAA
Thursday	EMF	LIC		PRP	CS		<----------EE&CS / LIC LAB/SPOKEN TUTORIAL---------->				LIB/NET
Friday	CS	PRP		LIC	EC-II		EMF	<----------C&SI /EE&CS LAB/SPOKEN TUTORIAL---------->			
Saturday	PRP	CS		EMF	HOD/CON		CT	LIC		EC-II	MAP

Subject Code	Acronym	Name of the Subject	Name of the Faculty	Dept.	Periods / Week
Theory					
MA6451	PRP	PROBABILITY AND RANDOM PROCESS	Ms.T.Ranjani	S&H	6
EC6401	EC-II	ELECTRONIC CIRCUITS - II	Mr.K.Rajesh	ECE	5
EC6402	CT	COMMUNICATION THEORY	Mrs.C.Gomathi	ECE	5
EC6403	EMF	ELECTROMAGNETEIC FIELDS	Mr.C.Babu	ECE	6
EC6404	LIC	LINEAR INTEGRATED CIRCUITS	Mrs.A.Lelinadevi	ECE	5
EC6405	CS	CONTROL SYSTEM ENGINEERING	Mr.R.Prasanna	ECE	5
Practical					
EC6411	C&SI LAB	CIRCUITS AND SIMULATION INTEGRATED LABORATORY	Mr.K.Rajesh	ECE	6
EC6412	LIC LAB	LINEAR INTEGRATED CIRCUITS LABORATORY	Mrs.A.Lelinadevi	ECE	6
EE6461	EE&CS LAB	ELECTRICAL ENGINEERING AND CONTROL SYSTEM LAB	Ms.K.Yadhari	EEE	6
SPOKEN TUTORIAL		SPOKEN TUTORIAL Hour	Mr.R.Prasanna	ECE	9
HOD/CON		HOD Hour / Contact Hour	Dr.N.Senthiyakumari / Mrs.C.Gomathi	ECE	1
LIB/NET		Internet Hour / Library Hour	Mr.K.Rajesh/Mr.R.Prasanna	ECE	1
P&T		Placement Training Hour	Mr.M.Bhaneidharan	ECE	2
SPORTS & YOGA/FAA		Sports Hour & Yoga / Frontier Area Awareness	Mr.R.Prasanna	ECE	2
MAP		Make A Product	Mr.K.Rajesh	ECE	1
Class Advisor			Mr.K.Rajesh		

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Kakapalayam (Po), Salem-637 504

Time Table IC 18.1.16

HOD 18/1/16

Vice Principal

Principal

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504

Department of Electronics & Communication Engineering

CLASS TIME TABLE

Academic Year: 2015-2016 Even Sem

Class : III Yr / VI Sem 'A' Section

Date: 18.01.2016

W.e.f: 29.01.2016

Hall No: B304

Period / Time	1	2	3	4	5	6	7	8
	9.00 - 9.50	9.50 - 10.40	10.40 - 10.55	10.55 - 11.45	11.45 - 12.35	12.35 - 1.25	1.25 - 2.15	2.15 - 3.05	3.05 - 3.20	3.20 - 4.10	4.10 - 5.00
Monday	AWP	CA		CN	POM		<----------COMM SKILLS---------->			ME	P&T
Tuesday	VLSI	<----------COMM SKILLS LAB---------->				LUNCH	AWP	ME		CN	
Wednesday	CN	VLSI		POM	CA		<----------CN/VLSI LAB / SPOKEN TUTORIAL---------->				
Thursday	POM	ME		VLSI	HOD/CON		LIB/NET	CA		VLSI	
Friday	ME	AWP		CA	CN		<----------VLSI / CN LAB / SPOKEN TUTORIAL---------->				
Saturday	CA	POM		AWP	CN		VLSI	AWP		ME	POM

Subject Code	Acronym	Name of the Subject	Name of the faculty	Dept.	Periods / Week
Theory					
MG6851	POM	PRINCIPLES OF MANAGEMENT	Ms.T.Radha	ECE	5
CS6303	CA	COMPUTER ARCHITECTURE	Ms.D.Gayathri	ECE	5
CS6551	CN	COMPUTER NETWORKS	Mr.M.Dineshkumar	ECE	5
EC6601	VLSI	VLSI DESIGN	Mr.N.Vijayanandam	ECE	5
EC6602	AWP	ANTENNA AND WAVE PROPAGATION	Mr.S.Veera kumar	ECE	5
EC6001	ME	MEDICAL ELECTRONICS	Mr.K.Rathinakumar	ECE	5
Practical					
EC6611	CN LAB	COMPUTER NETWORKS LABORATORY	Mr.S.Veera kumar	ECE	6
EC6612	VLSI LAB	VLSI DESIGN LABORATORY	Mr.N.Vijayanandam	ECE	6
GE6674	COMM SKILLS	COMMUNICATION SKILLS LABORATORY	Mr.S.Ravindar	S&H	4
SPOKEN TUTORIAL		SPOKEN TUTORIAL Hour	Mr.R.Ranu	ECE	6
HOD/CON		HOD Hour/Contact Hour	Dr.N.Santhiyakumari / Mr.V.Saravanan	ECE	1
LIB/NET		Internet Hour/ Library Hour	Mr.N.Vijayanandam/Ms.T.Radha	ECE	1
Class Advisor			Mr.N.Vijayanandam		

Time Table IC 18.1.16

HOD 18/1/16

Vice Principal

Principal

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Kakapalayam (Po), Salem-637 504

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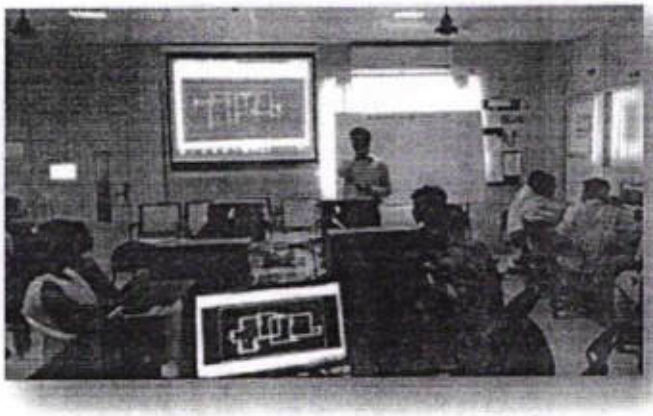
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT OF THE EVENT

Date	:	21.01.16 to 6.02.16 (42 Hours)	**Resource person**	:	**Global CADD Technology** 38, Kalaimagal St, Alagapuram Pudur, Salem, Tamil Nadu 636004 (External)
Time	:	2.30 pm to 6.30pm	**Title**	:	Certification Course on- "Electrical wiring circuit design using Electrical CAD"
Venue	:	E-Block 3rd Floor-MTLC & CC9 lab.	**No. of Participants**	:	90

- Resource Person discussed about basics of CAD/CAM/CAE, concept of Electrical CAD.
- They briefly discussed about coordinate System, Line, XLine, Rectangle, Copy, Offset Polygen, Array, Move, Rotate, Mirror, Erase, Arc, Circles, Trim, Extend, Scale, Stretch.
- On Day 5 to 8 student had Drawing Practice on Ellipse, Spline, Point, Donut, Extend, Break Fillet, Chamfer, Explode, Divide, Object Selection Method, Drafting Settings, Properties, Match Properties, Block, Wblock, Hatch, Display, Order, Single line text, Multi line text, Table, Boundary, Region, Parametric Modeling & Dimensioning.
- Student Undergone Test in Inserting Schematic Components, Symbols, Components from list, Connectors, Terminals, Multi-Level Terminals on day 9 and 10.
- Resource person delivered the development of circuit Design practically.



Encl: Circular / Lesson Plan / Attendance Sheet / Feedback

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SALEM - 637 504

Beyond knowledge

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Circular No.	EEE/CC/01	**Date**	14.11.2015
To	II-Year EEE students		
Name of the subject	Certification Course- Reg.		

This is to inform you that Department of Electrical & Electronics Engineering has planned to conduct a **Certification course on Electrical wiring circuit design using Electrical CAD** for II year students. Interested candidates are requested to register their names to Faculty Coordinator.

SL. NO.	Name of The Program	Venue	Date & Time (No of Hours)	Resource Person
1	Electrical wiring circuit design using Electrical CAD	E-Block 3rd Floor- MTLC & CC9 lab	21.01.16 to 6.02.16 & 2.30 pm to 6.30pm (42 Hours)	**Global CADD Technology** 38, Kalaimagal St, Alagapuram Pudur, Salem, Tamil Nadu 636004 (External)

For Further Details & Registration Kindly Contact:

Mr.B.Sasikumar, AP/EEE & Dept. certification Course Coordinator

B. Sasikumar 14/11/15

Certification Course Co-Coordinator

D. V. Thyagu 14/11/15

HOD/EEE

PRINCIPAL

MECH	CIVIL	EEE	ECE	CSE	S&H	P&T	LIB	AO	Transport I/C	Hostel NB	Residential Warden	CollegeNB	Office /File	Class Circulation
		*				*						*	*	*

Principal,
Knowledge Institute of Technology

From

10/01/2016, Salem

Mr.B.Sasikumar,
Associate Professor,
Department of Electrical and Electronics engineering,
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/EEE

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "**Electrical wiring circuit design using Electrical CAD**" from 21.01.16 to 6.02.16 for a period of 14 days with the duration of 42 hours. It will be helpful for our II Year Electrical and Electronics engineering students through which they can enrich their knowledge in Electrical CAD in Autodesk software. In this regards we request you to endowment as permission to conduct the course. This course is not in our curriculum and will be helpful for the skill development of our students.

The course details are as follows:

Description	Particulars
Year	II (Electrical and Electronics engineering Students)
Name of the Course	**Electrical wiring circuit design using Electrical CAD**
Company/ Resource Person	**Global CADD Technology** 38, Kalaimagal St, Alagapuram Pudur, Salem, Tamil Nadu 636004
Total Number of Students Registered	90 Nos.

Thank you sir

Yours truly,

(Mr.B.Sasikumar)

10/01/16

HOD/EEE

Principal,
Knowledge Institute of Technology
Salem-637 504

PRINCIPAL

KNOWLEDGE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECRICAL AND ELECTRONICS ENGINEERING

Date: 06.05.2015

Submitted to the Principal for Approval

Based on the QIC meeting recommendation and PAC meeting approval, it is proposed to conduct the following Certificate Courses, Value Added Courses and Vocational Education training courses for the AY 2015-16.

S.No.	Type of the Course (CC, VAC & VET)	Name of the Course	Duration (Hrs)	Target Student	Remarks
1.	CC	Electrical wiring circuit design using Electrical CAD	42	II-EEE	Existing Course and Continuing
2.	VAC	Programming in C & C++	60	III-EEE	Existing Course and Continuing
3.	VAC	Numerical Modeling using MATLAB	30	II-EEE	Existing Course and Continuing
4.	VAC	Product Development using Electronic Devices	49	II-EEE	New Course
5.	VET	Residential Wiring Design and Estimation	96	EEE	New Course

6/5/15

HOD/EEE

Principal,
Knowledge Institute of Technology

PRINCIPAL

KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Certification Course

Students Enrollment List

Academic Year: 2015-16 **Year/Sem:** II/IV **Date:** 10/1/2016

Name of the Course: Electrical wiring circuit design using Electrical CAD

S.No	Register No	Name of the Student
1	611214105001	AJITH KUMAR.U
2	611214105003	ARUN.P. R.
3	611214105005	BOOBANA.M
4	611214105008	DHAMODHARAN.Y
5	611214105009	DIVYABHARATHI.P
6	611214105010	DURAIPANDIAN.D
7	611214105012	ESWARAN.S.
8	611214105013	GOKUL.R
9	611214105014	GOPINATH.P.
10	611214105017	HARIHARAN.G
11	611214105018	HEMA.S. U
12	611214105019	INDHU.V
13	611214105021	JAISHNU.M
14	611214105022	JANANI.P.
15	611214105023	JAWAHAR RAJ.M
16	611214105026	KARTHI.M
17	611214105027	KARTHICK.M
18	611214105028	KARTHICK.S.
19	611214105029	KARTHIKEYAN.D
20	611214105031	KARTHIKEYAN.R
21	611214105032	KARTHIKEYAN.R
22	611214105034	KAVI KIRUTHIGA. P
23	611214105035	KAVINKUMAR.A.R
24	611214105036	KAVI PRIYA.N.E
25	611214105037	KAVISRI.S
26	611214105040	KUMARESH.M
27	611214105041	MANIKANDAN.M.
28	611214105042	MANIVASAN.A
29	611214105044	MENAKA.R
30	611214105045	METHUNA.A. K.
31	611214105046	MEYVEL.K
32	611214105047	MITHILA.R.
33	611214105049	MOHANA PRIYA.G
34	611214105051	MOULISANKAR.R
35	611214105052	MUKESH KUMAR.N
36	611214105054	MURUGAN.C
37	611214105055	MURUGESAN.V
38	611214105056	MUTHU VIJAY.P
39	611214105058	PADMAVATHI.K
40	611214105059	POOMALAIRAJ.K
41	611214105061	PRAVIN KUMAR.S.
42	611214105062	PREETHIKA.K
43	611214105063	PREMKUMAR.S
44	611214105064	PREM KUMAR.R
45	611214105065	PRIYANKA.B
46	611214105067	RAMYA.P
47	611214105068	RAMYAA.M
48	611214105069	RANJITH.I
49	611214105070	RAVIHARI.M

Principal,
Knowledge Institute of Technology

S.No	Register No	Name of the Student
50	611214105074	SANGAVI.D
51	611214105075	SANTHIYA.S
52	611214105076	SANTHOSH.C. S
53	611214105077	SANTHOSH KUMAR. K
54	611214105079	SARTH KUMAR.S
55	611214105080	SASIKUMAR.S
56	611214105082	SATHIYA PRIYA.M
57	611214105086	SOWNDHARYA.K
58	611214105087	SOWRANCHANA.S
59	611214105088	SUGANYA.K
60	611214105089	SURENDIRAN.M
61	611214105091	THANGAM.A
62	611214105092	THIRTHA PRIYAN.D
63	611214105095	VIGNESH.R
64	611214105096	VIGNESH.S
65	611214105098	VISHNUU PRASHANTH.L.V
66	611214105099	YUGANDRAN.S
67	611214105301	ANITHA R
68	611214105302	ASHOK KUMAR S
69	611214105303	BOOPATHI S
70	611214105305	DEEPADHARSHINI D
71	611214105307	GEETHA V
72	611214105310	JANANI R
73	611214105311	KARUPPUSAMY P
74	611214105314	SUNDARESAN S
75	611214105315	SURESH KUMAR E
76	611214105316	TAMILSELVAN S
77	611214105318	VANMATHI M E
78	611214105002	ANU.J
79	611214105007	DEEPAN.A
80	611214105016	GOWTHAMRAJ.R
81	611214105039	KEERTHI.E. M.
82	611214105048	MOHAN.K.
83	611214105053	MURALI.P
84	611214105072	ROJA.M
85	611214105073	SAMPATH.M
86	611214105083	SELVAPRIYA.S
87	611214105084	SENTHIL KUMAR.P
88	611214105093	USHA DEVI.E
89	611214105306	DHIVYA A
90	611214105317	UMESH M

CC Coordinator

HoD/EEE

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504
Department of Electrical and Electronics Engineering
Certification Course – Lesson Plan Schedule

Name of the Course:	Electrical wiring circuit design using Electrical CAD		
Academic Year:	2015-2016		
Year/Sem:	II / IV	**Date:**	21.01.16 to 06.02.16

Day	Session Timing	Course Content
1.	3.30pm to 7 pm	• Introduction to CAD/CAM/CAE
2.	3.30pm to 7 pm	• Introduction to Electrical CAD • Basic setup, coordinate System
3.	3.30pm to 7 pm	• Line, XLine, Rectangle, Copy, Offset • Polygen, Array, Move, Rotate
4.	3.30pm to 7 pm	• Mirror, Erase, Arc, Circles, Trim • Extend, Scale, Stretch
5.	3.30pm to 7 pm	**Drawing Practice:** • Ellipse, Spline, Point, Donut, Extend, Break • Fillet, Chamfer, Explode, Divide
6.	3.30pm to 7 pm	**Drawing Practice:** • Object Selection Method • Drafting Settings, Properties, Match Properties, Block, Wblock
7.	3.30pm to 7 pm	**Drawing Practice:** • Hatch, Display, Order, Single line text • Multi line text, Table, Boundary, Region
8.	3.30pm to 7 pm	**Drawing Practice:** • Parametric Modeling & Dimensioning
9.	3.30pm to 7 pm	**Drawing Test:** • Inserting Schematic Components, Symbols, Components from list

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10.	3.30pm to 7 pm	**Drawing Test:** • Connectors, Terminals, Multi-Level Terminals
11.	3.30pm to 7 pm	**Circuit Design Practice:** • Jumpers, Basic Utilities, Copying Catalogue and Location Values
12.	3.30pm to 7 pm	**Circuit Design Practice** • Swapping and Updation Blocks, Using the Auditing tools
13.	3.30pm to 7 pm	• Evaluation Test
14.	3.30pm to 7 pm	• Feedback and Valedictory

Certification Course Schedule - Resource Person Schedule

Total Days	Timings	Resource Person	Venue
14	AN- 3.30-7.00	**Global CADD Technology** 38, Kalaimagal St, Alagapuram Pudur, Salem, Tamil Nadu 636004	E-Block 3rd Floor- MTLC & CC9 lab

CC Coordinator

HoD/EEE

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

GLOBAL
CADD TECHNOLOGY

2/38, First Floor, Kalaimagal Street,
Swarnapuri, Salem - 636 004.
■ 0427-4042435 ■ 84288 86528
■ e-mail: globalcaddtechnology@gmail.com
■ Web: www.globalcaddtech.com

Date: 03-11-15

To

THE HEAD OF THE DEPARTMENT,
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING.
KNOWLEDGE INSTITUTE OF TECHNOLOGY,
SALEM.

Respected Sir,

Sub: In-Campus certificate course on SOFTWARE Training for your Students at your premises – reg.

We are very glad to inform you that we are providing training and services in IT and CAD/ CAM related courses at Salem. We are providing training at-par to the requirement of reputed companies. We ensure you that our training will provide 100% knowledge to your students to work in their field with full confidence and excellence.

We are interested in joining our hands with your esteemed institution and to educate software oriented courses for your students from various academic disciplines. So we kindly request you to provide us with an opportunity to implement SOFTWARE related curriculum for your students.

We are well equipped to conduct in-campus training classes for your students to your convenient schedule.

Looking forward to your favorable reply

Thanking you Sir.

Yours truly,
For GLOBAL CADD TECHNOLOGY,

(S.SIVARAJ)
MANAGING PARTNER

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Empowering Cadd Trainers

GLOBAL
CADD TECHNOLOGY

2/38, First Floor, Kalaimagal Street,
Swarnapuri, Salem - 636 004.
■ 0427-4042435 ■ 84288 86528
■ e-mail: globalcaddtechnology@gmail.com
■ Web: www.globalcaddtech.com

COMPANY PROFILE

We are happy to introduce ourselves as professionals experienced from various backgrounds such as Educational sector, Industrial R&D (Research & Development), Industrial service sector and Industrial technical sector.

The **"M/s.Global Cadd Technology"** institution was established in the year 2008 for the purpose of providing good software education in design field in a cost effective manner.
We as a team and based on our experience are aware of the fact what the industrial and professional sector requires from a fresher. We impart those qualities in our students to take a good career path.

Now we have expanded our operation by becoming franchisee of
"M/S. CADD TECHNOLOGIES SCHOOL OF DESIGN PVT LTD" who is the pioneer in CADD training field as a authorized training partner for AUTODESK and PTC UNIVERSITY.

CADD TECHNOLOGIES SCHOOL OF DESIGN PVT LTD as a company is always committed for quality training in updated technology which will serve the student community in terms of industry requirement, self fulfillment, and industry solutions for which it has framed an advisory committee which includes people from the industry, leading educational institutions and well wishers who are backing us to strengthen our presence in the market.

"M/S.MATCOM SYSTEMS ", the sister concern of **"M/S. CADD TECHNOLOGIES SCHOOL OF DESIGN PVT LTD"** is the pioneer in the field of technical computing solutions. They provide solutions for the industries, researchers and academicians through the MATLAB, Arduino based Embedded system design, LabVIEW, OrCAD, VLSI design tools and other software tools in terms of Signal Analysis and Processing, Data Processing, Image and Video Processing based applications.

Principal,
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■ Web: www.globalcaddtech.com

Our other franchisee partner

"M/S.KALVI HIGHER EDUCATION AND RESEARCH INSTITUTE", is one of the foremost Computer Education Institute in India.

Kalvi Institute in the field of training for Information Technology people Offers International Certification like **IBM, Microsoft, Adobe, Corel, Oracle, Tally, AutoDesk, HP, Cisco, C,C++ Institute, Linux,CompTIA, Toefl, GRE, Intel.**

In this competitive field many such institutions take this service in a commercial manner and their training is only in the software level. This training may not be sufficient for a student to prove his capability in entry level of top companies. We have specialized and customized training, tailored to meet specific industrial requirements.

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Certification Course

Students Attendence

Academic Year: 2015-16 **Year/Sem:** II/III

Name of the Course: Electrical wiring circuit design using Electrical CAD **Timing:** 2.30pm to 6.30pm

S.No	Register No	Name of the Student	21.01.16	22.01.16	23.01.16	25.01.16	27.01.16	28.01.16	29.01.16	30.01.16	01.02.16	02.02.16	03.02.16	04.02.16	05.02.16	06.02.16
1	611214105001	AJITH KUMAR.U	/	/	/	/	/	/	/	/	/	/	/	a	/	/
2	611214105003	ARUN.P. R.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	611214105005	BOOBANA.M	/	a	/	/	/	/	/	/	/	/	/	/	/	/
4	611214105008	DHAMODHARAN.Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	611214105009	DIVYABHARATHI.P	/	/	/	/	a	/	/	/	/	/	/	/	/	/
6	611214105010	DURAIPANDIAN.D	/	/	/	/	/	/	/	/	/	a	/	/	/	/
7	611214105012	ESWARAN.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	611214105013	GOKUL.R.	/	/	a	/	/	/	/	/	/	/	/	/	/	/
9	611214105014	GOPINATH.P.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	611214105017	HARIHARAN.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	611214105018	HEMA.S. U	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	611214105019	INDHU.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	611214105021	JAISHNU.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	611214105022	JANANI.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	611214105023	JAWAHAR RAJ.M	/	/	a	/	/	/	/	a	/	/	/	/	/	/
16	611214105026	KARTHI.M	/	/	/	/	/	/	/	/	/	/	/	/	a	/
17	611214105027	KARTHICK.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	611214105028	KARTHICK.S.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	611214105029	KARTHIKEYAN.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	611214105031	KARTHIKEYAN.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	611214105032	KARTHIKEYAN.R	a	/	/	/	/	/	/	/	/	/	/	/	/	/
22	611214105034	KAVI KIRUTHIGA. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	611214105035	KAVINKUMAR.A.R	/	/	/	/	/	/	/	/	/	/	/	a	/	/
24	611214105036	KAVI PRIYA.N.E	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	611214105037	KAVISRI.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	611214105040	KUMARESH.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	611214105041	MANIKANDAN.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	611214105042	MANIVASAN.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	611214105044	MENAKA.R.	/	/	/	/	/	/	a	/	/	/	/	/	/	/
30	611214105045	METHUNA.A. K.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	611214105046	MEYVEL.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	611214105047	MITHILA.R.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	611214105049	MOHANA PRIYA.G	/	/	/	/	/	/	/	/	/	/	/	/	/	a

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

S.No	Register No	Name of the Student	21.01.16	22.01.16	23.01.16	25.01.16	27.01.16	28.01.16	29.01.16	30.01.16	01.02.16	02.02.16	03.02.16	04.02.16	05.02.16	06.02.16
34	611214105051	MOULISANKAR.R	/	a	/	/	/	/	/	/	/	/	a	/	/	/
35	611214105052	MUKESH KUMAR.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	611214105054	MURUGAN.C	/	/	/	a	/	/	/	/	/	/	/	/	/	/
37	611214105055	MURUGESAN.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	611214105056	MUTHU VIJAY.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	611214105058	PADMAVATHI.K	/	/	/	/	/	/	a	/	/	/	/	/	/	a
40	611214105059	POOMALAIRAJ.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41	611214105061	PRAVIN KUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42	611214105062	PREETHIKA.K	/	/	/	/	/	/	/	/	/	/	/	/	a	/
43	611214105063	PREMKUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44	611214105064	PREM KUMAR.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45	611214105065	PRIYANKA.B	/	/	/	/	/	/	/	/	/	/	/	/	/	/
46	611214105067	RAMYA.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47	611214105068	RAMYAA.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48	611214105069	RANJITH.I	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49	611214105070	RAVIHARI.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50	611214105074	SANGAVI.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/
51	611214105075	SANTHIYA.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52	611214105076	SANTHOSH.C. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
53	611214105077	SANTHOSH KUMAR. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
54	611214105079	SARTH KUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
55	611214105080	SASIKUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56	611214105082	SATHIYA PRIYA.M	/	/	/	/	/	/	/	/	/	a	/	/	/	/
57	611214105086	SOWNDHARYA.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
58	611214105087	SOWRANCHANA.S	/	/	/	/	/	/	/	/	/	/	/	/	/	a
59	611214105088	SUGANYA.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/
60	611214105089	SURENDIRAN.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
61	611214105091	THANGAM.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
62	611214105092	THIRTHA PRIYAN.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/
63	611214105095	VIGNESH.R	/	/	/	/	/	a	/	/	/	/	/	/	/	/
64	611214105096	VIGNESH.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
65	611214105098	VISHNUU PRASHANTH.L.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
66	611214105099	YUGANDRAN.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
67	611214105301	ANITHA.R	/	/	a	/	/	/	/	/	/	/	/	/	/	/
68	611214105302	ASHOK KUMAR.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
69	611214105303	BOOPATHI.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
70	611214105305	DEEPADHARSHINI.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/
71	611214105307	GEETHA.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/
72	611214105310	JANANI.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Principal,
Knowledge Institute of Technology,
Kakapalayam-637 504.

S.No	Register No	Name of the Student	21.01.16	22.01.16	23.01.16	25.01.16	27.01.16	28.01.16	29.01.16	30.01.16	01.02.16	02.02.16	03.02.16	04.02.16	05.02.16	06.02.16
73	611214105311	KARUPPUSAMY P	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
74	611214105314	SUNDARESAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
75	611214105315	SURESH KUMAR E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
76	611214105316	TAMILSELVAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
77	611214105318	VANMATHI M E	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
78	611214105002	ANU J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
79	611214105007	DEEPAN A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	611214105016	GOWTHAMRAJ R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
81	611214105039	KEERTHI E M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
82	611214105048	MOHAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
83	611214105053	MURALI P	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
84	611214105072	ROJA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
85	611214105073	SAMPATH M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓
86	611214105083	SELVAPRIYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓
87	611214105084	SENTHIL KUMAR P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
88	611214105093	USHA DEVI E	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓
89	611214105306	DHIVYA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
90	611214105317	UMESH M	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
No of Students Present			89	87	86	88	89	89	87	88	90	87	90	88	87	87
No of Students Absent			1	3	4	2	1	1	3	2	0	3	0	2	3	3

B. Sendhil 6/2/16
CC Coordinator

V. Hey 6/2/16
HoD/EEE

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Certificate Course Evaluation Test Question Paper

Name of the Course:	Electrical wiring circuit design using Electrical CAD		
Academic Year:	2015-2016		
Year/Sem:	II / IV		
Name:	INDHU. V		
Reg No:	611214105019	**Date:**	05.02.16

Part A **(10x2=20)**

1. Define Cad?
2. What Is Cad System?
3. List the Elements Of Cad; (or) Various Phases Of Cad?
4. Compare 2d Vs 3d?
5. What Are The Various 2d Transformations?
6. What Are The Advantages Of Solid Modeling?
7. What Is Drawing Entities?
8. What Are The Editing Commands In Cad?
9. What Is B-rep – Boundary Representation?
10. What Is Csg – Constructive Solid Geometry?

Part B **(15X2=30)**

1. Draw the Electrical Symbols of Resistor, Capacitor, Inductor, Thyristor, TRIAC, DIAC, 1 phase Induction motor, Synchronous motor and Transformer in CAD Software.
2. Construct the circuit diagram of a bride rectifier circuit using CAD Software.

S.No	Particulars	Marks Allocated	Marks Awarded
1	Test	50	48
2	Viva- Voce	20	18
3	Assignments and Participation	30	30
	Total	**100**	96

Evaluator Sign

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Certificate Course Evaluation Test Question Paper

Name of the Course:	Electrical wiring circuit design using Electrical CAD		
Academic Year:	2015-2016		
Year/Sem:	II / IV		
Name:	PREM KUMAR. R		
Reg No:	611214105063	**Date:**	05.02.16

Part A **(10x2=20)**

1. Define Cad?
2. What Is Cad System?
3. List the Elements Of Cad; (or) Various Phases Of Cad?
4. Compare 2d Vs 3d?
5. What Are The Various 2d Transformations?
6. What Are The Advantages Of Solid Modeling?
7. What Is Drawing Entities?
8. What Are The Editing Commands In Cad?
9. What Is B-rep – Boundary Representation?
10. What Is Csg – Constructive Solid Geometry?

Part B **(15X2=30)**

1. Draw the Electrical Symbols of Resistor, Capacitor, Inductor, Thyristor, TRIAC, DIAC, 1 phase Induction motor, Synchronous motor and Transformer in CAD Software.
2. Construct the circuit diagram of a bride rectifier circuit using CAD Software.

S.No	Particulars	Marks Allocated	Marks Awarded
1	Test	50	48
2	Viva- Voce	20	18
3	Assignments and Participation	30	30
	Total	**100**	96

Evaluator Sign

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Certification Course Evaluation Mark Statement

Academic Year: 2015-16 **Year/Sem:** II/IV **Date:** 06.02.16

Name of the Course: Electrical wiring circuit design using Electrical CAD

S.No	Register No	Name of the Student	Mark Secured (100)	STATUS
1	611214105001	AJITH KUMAR.U	88	Certified
2	611214105003	ARUN.P. R.	63	Certified
3	611214105005	BOOBANA.M	88	Certified
4	611214105008	DHAMODHARAN.Y	72	Certified
5	611214105009	DIVYABHARATHI.P	69	Certified
6	611214105010	DURAIPANDIAN.D	84	Certified
7	611214105012	ESWARAN.S.	96	Certified
8	611214105013	GOKUL.R	96	Certified
9	611214105014	GOPINATH.P.	85	Certified
10	611214105017	HARIHARAN.G	75	Certified
11	611214105018	HEMA.S. U	75	Certified
12	611214105019	INDHU.V	96	Certified
13	611214105021	JAISHNU.M	72	Certified
14	611214105022	JANANI.P.	85	Certified
15	611214105023	JAWAHAR RAJ.M	78	Certified
16	611214105026	KARTHI.M	85	Certified
17	611214105027	KARTHICK.M	78	Certified
18	611214105028	KARTHICK.S.	85	Certified
19	611214105029	KARTHIKEYAN.D	80	Certified
20	611214105031	KARTHIKEYAN.R	91	Certified
21	611214105032	KARTHIKEYAN.R	86	Certified
22	611214105034	KAVI KIRUTHIGA. P	84	Certified
23	611214105035	KAVINKUMAR.A.R	94	Certified
24	611214105036	KAVI PRIYA.N.E	90	Certified
25	611214105037	KAVISRI.S	91	Certified
26	611214105040	KUMARESH.M	86	Certified
27	611214105041	MANIKANDAN.M	84	Certified
28	611214105042	MANIVASAN.A	96	Certified
29	611214105044	MENAKA.R	85	Certified
30	611214105045	METHUNA.A. K.	70	Certified
31	611214105046	MEYVEL.K	75	Certified
32	611214105047	MITHILA.R.	78	Certified
33	611214105049	MOHANA PRIYA.G	72	Certified
34	611214105051	MOULISANKAR.R	96	Certified
35	611214105052	MUKESH KUMAR.N	97	Certified
36	611214105054	MURUGAN.C.	88	Certified
37	611214105055	MURUGESAN.V	63	Certified
38	611214105056	MUTHU VIJAY.P	88	Certified
39	611214105058	PADMAVATHI.K	72	Certified
40	611214105059	POOMALAIRAJ.K	69	Certified
41	611214105061	PRAVIN KUMAR.S.	84	Certified
42	611214105062	PREETHIKA.K	96	Certified
43	611214105063	PREMKUMAR.S	96	Certified
44	611214105064	PREM.KUMAR.R	85	Certified
45	611214105065	PRIYANKA.B	75	Certified
46	611214105067	RAMYA.P	75	Certified

Principal,
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CERTIFICATION COURSE

KNOWLEDGE INSTITUTE OF TECHNOLOGY

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NH - 47, KIOT COMPUS, KAKAPALAYAM, SALEM – 637 504.

Beyond Knowledge

GLOBAL
CADD TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that ~~Mr.~~ / Ms. ANU.J - II - EEE

Reg. No. 611214105002 of knowledge institute of technology, salem has Successfully completed the certificate course on "Electrical wiring circuit design using Electrical CAD" conducted by Global CADD Technology from 21.01.2016 to 06.02.2016.

COORDINATOR	HOD	VICE PRINCIPAL	PRINCIPAL
Mr.S.Sivaraj	Dr.N.Suthanthira Vanitha	Dr. K. Visagavel	Dr. PSS. Srinivasan
GLOBAL CADD TECHNOLOGY	Professor & Head / EEE KIOT	KIOT	KIOT

Principal,
Knowledge Institute of Technology
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CERTIFICATION COURSE

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GLOBAL
CADD TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that ~~Mr.~~ / Ms. KAVISRI.S - II - EEE

Reg. No. 611214105037 of knowledge institute of technology, salem has Successfully completed the certificate course on "Electrical wiring circuit design using Electrical CAD" conducted by Global CADD Technology from 21.01.2016 to 06.02.2016.

COORDINATOR	HOD	VICE PRINCIPAL	PRINCIPAL
Mr.S.Sivaraj	Dr.N.Suthanthira Vanitha	Dr. K. Visagavel	Dr. PSS. Srinivasan
GLOBAL CADD TECHNOLOGY	Professor & Head / EEE KIOT	KIOT	KIOT

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Knowledge Institute of Technology
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GLOBAL
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr. / ~~Ms.~~ KARTHIKEYAN . D - II - EEE

Reg. No. 611214105029 of knowledge institute of technology, salem has Successfully completed the certificate course on "Electrical wiring circuit design using Electrical CAD" conducted by Global CADD Technology from 21.01.2016 to 06.02.2016.

COORDINATOR	HOD	VICE PRINCIPAL	PRINCIPAL
Mr.S.Sivaraj	Dr.N.Suthanthira Vanitha	Dr. K. Visagavel	Dr. PSS. Srinivasan
GLOBAL CADD TECHNOLOGY	Professor & Head / EEE KIOT	KIOT	KIOT

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

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Beyond Knowledge

GLOBAL
CADD TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr. / ~~Ms.~~ MURUGAN . C - II - EEE

Reg. No. 611214105054 of knowledge institute of technology, salem has Successfully completed the certificate course on "Electrical wiring circuit design using Electrical CAD" conducted by Global CADD Technology from 21.01.2016 to 06.02.2016.

COORDINATOR	HOD	VICE PRINCIPAL	PRINCIPAL
Mr.S.Sivaraj	Dr.N.Suthanthira Vanitha	Dr. K. Visagavel	Dr. PSS. Srinivasan
GLOBAL CADD TECHNOLOGY	Professor & Head / EEE KIOT	KIOT	KIOT

Principal
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GLOBAL
CADD TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr. / ~~Ms.~~ ARUN . P.R - II - EEE

Reg. No. 611214105003 of knowledge institute of technology, salem has Successfully completed the certificate course on "Electrical wiring circuit design using Electrical CAD" conducted by Global CADD Technology from 21.01.2016 to 06.02.2016.

COORDINATOR	HOD	VICE PRINCIPAL	PRINCIPAL
Mr.S.Sivaraj	Dr.N.Suthanthira Vanitha	Dr. K. Visagavel	Dr. PSS. Srinivasan
GLOBAL CADD TECHNOLOGY	Professor & Head / EEE KIOT	KIOT	KIOT

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Knowledge Institute of Technology
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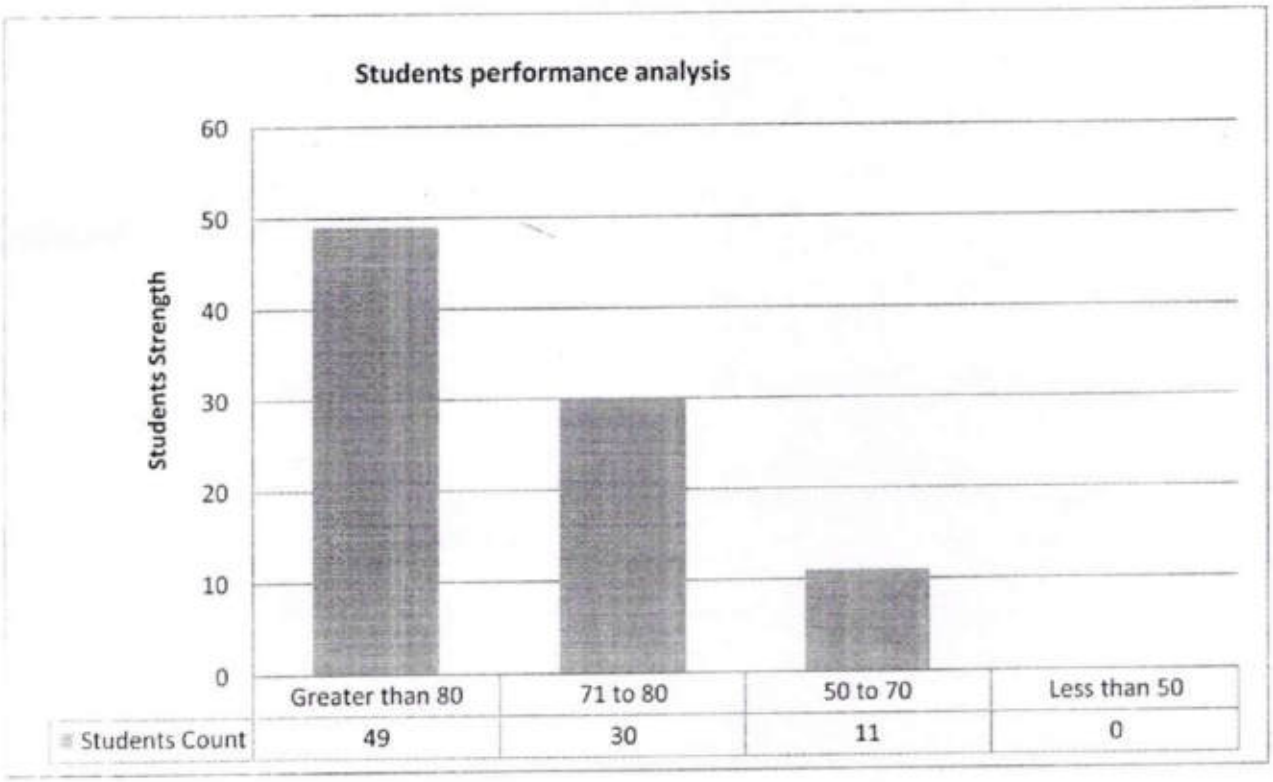
KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Mark Evaluation Analysis Report

Name of the Course:	Electrical wiring circuit design using Electrical CAD		
Academic Year:	2015-2016		
Year/Sem:	II / IV	**Date:**	21.01.16 to 06.02.16

Total No of Students Enrolled: 90



CC Coordinator

HoD/EEE

Principal,
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Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FEEDBACK FORM

Type of Course: Certificate / Value Added / Vocational Educational Training

Name of the Student: KAVIPRIYA . N.E

Course Title: Electrical wiring circuit design using electrical cad

Year/ Sem: II / IV

Dept : EEE

Date: 6.2.2016

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience	✓				
Additional resources available	✓				
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

I Understand the concepts of CAD software design.

Suggestions for improvement:

More practical classes can be improved.

N.E. Kavi

(Signature of the student)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FEEDBACK FORM

Type of Course: Certificate / Value Added / Vocational Educational Training

Name of the Student: Ramya . P

Course Title: Electric wiring circuit design using electrical CAD

Year/ Sem: II / IV - Sem

Dept : EEE

Date: 6.2.2016

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Learned to design a electrical wiring in CAD both in 2D and 3D.
Delivery of the course is good.

Suggestions for improvement:

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 50

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FEEDBACK FORM

Type of Course: Certificate / Value Added / Vocational Educational Training

Name of the Student: Janani.P

Course Title: Electric Wiring Circuit design using electric CAD

Year/ Sem: II / IV

Dept : EEE

Date: 6.2.16

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available	✓				
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Class is very useful and innovative. Learned about tools in the libraries in Electrical CAD.

Suggestions for improvement:

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

Janani
(Signature of the student)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FEEDBACK FORM

Type of Course: Certificate / Value Added / Vocational Educational Training

Name of the Student: Mohanapriya. G

Course Title: Electric wiring circuit design using electrical CAD

Year/ Sem: II / IV Sem.

Dept : EEE.

Date: 6.2.16

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Learned about libraries present in the electrical CAD
It is useful for developing projects.
It improves self employment in domestic & industrial circuit design.

Suggestions for improvement:

Hands on required after designing the circuit

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637

Mohanapriya. G
(Signature of the student)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FEEDBACK FORM

Type of Course: Certificate / Value Added / Vocational Educational Training ✓

Name of the Student: AJITHKUMAR. U.

Course Title: Electric wiring circuit design using electric CAD

Year/ Sem: II / IV

Dept : EEE

Date: 6.2.16

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery			✓		
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training			✓		

Positive points about the Lecture:

Learned to install Actelric CAD wiring. in practical.

Suggestions for improvement:

U. Ajithkumar

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

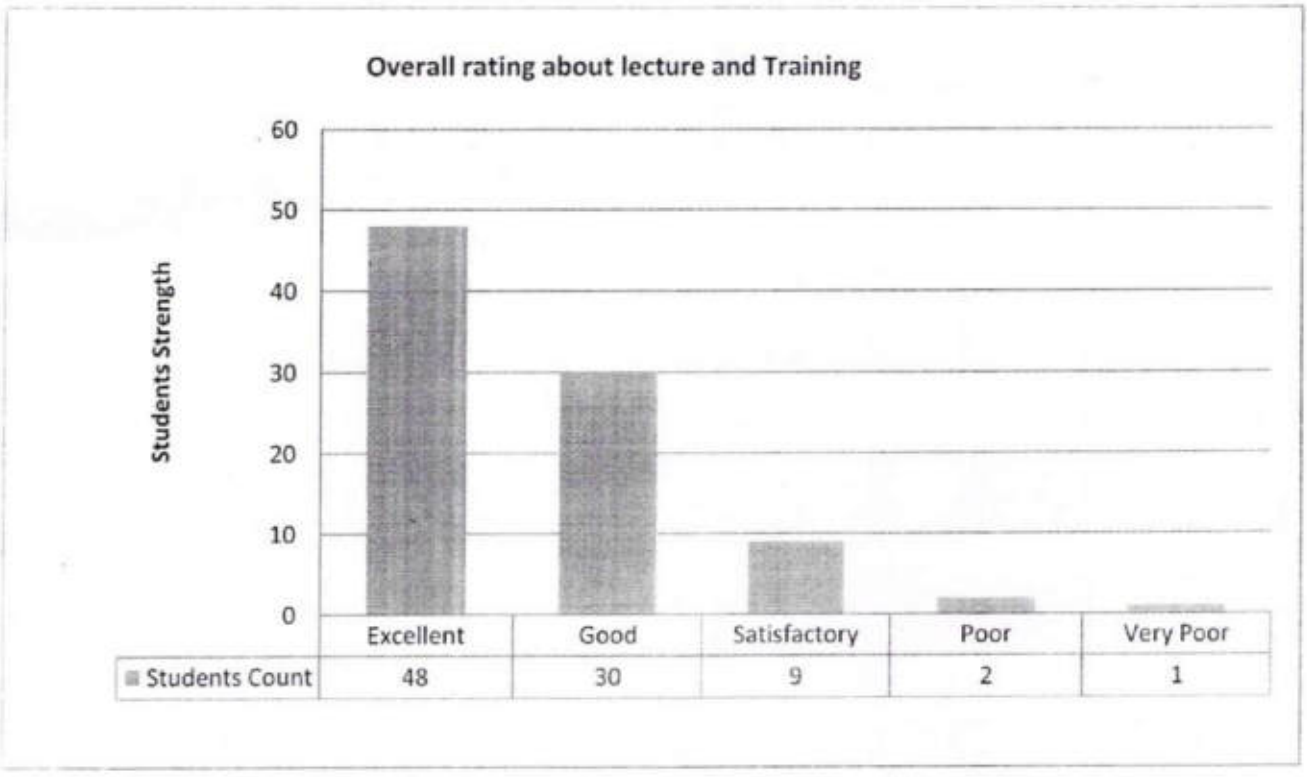
KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Feedback Analysis Report

Name of the Course:	Electrical wiring circuit design using Electrical CAD		
Academic Year:	2015-2016		
Year/Sem:	II / IV	**Date:**	21.01.16 to 06.02.16

Total No of Students Enrolled: 90



CC Coordinator

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-

HoD/EEE

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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504

Department of Computer Science and Engineering

REPORT OF THE EVENT

Date	10.06.2015 - 19.06.2015	**Resource person**	Career Refresh, Coimbatore.
Time	1.00pm – 5.00pm	**Title**	Problem Solving and Computer Programming through Career Refresh (Module I)
Venue	CC7, 8	**No. of Participants**	**163**

The Course Outcome are:

- Develop a Computer program for given problem
- Control the sequence of the program and give logical outputs
- Implement the strings in computer program
- Store different data types in the same memory
- Manage I/O operations in computer program
- Repeat the sequence of instructions and points for a memory location
- Apply code reusability with functions and pointers
- Understand the basics of file handling mechanisms
- Explain the uses of pre-processors and various memory models

Encl: Circular / Brochure / Attendance Sheet

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CAREER REFRESH

Problem Solving and Computer Programming through Career Refresh (Module I)

Course Syllabus

Fundamentals in Computer Programming

- ✓ ASimple Program
- ✓ Program execution phases
- ✓ Backslash character constants
- ✓ Character set
- ✓ Constants
- ✓ Number systems
- ✓ Format specifiers
- ✓ Identifiers, Keywords
- ✓ Variables, Data Types
- ✓ Declaration of Variable
- ✓ Assigning Values to Variables
- ✓ Initialization, Comments
- ✓ Const Qualifier
- ✓ Basic Structure of a 'C' program
- ✓ Programming Examples

Operators and Expressions

- ✓ Arithmetic operators
- ✓ Increment and decrement operators
- ✓ Relational operators
- ✓ Logical operators
- ✓ The bitwise operators
- ✓ The assignment operators
- ✓ The conditional operator
- ✓ The size of operator
- ✓ The comma operator

Data types

- ✓ Modifiers
- ✓ Format specifiers
- ✓ Dealing with each data types
- ✓ Memory representation of each type
- ✓ Control statements
- ✓ Conditional Control Statements
- ✓ If, if-else, nested if-else
- ✓ else-if ladder
- ✓ Multiple Branching Control Statement
- ✓ switch-case

Function

- ✓ What is function?
- ✓ Why function?
- ✓ Advantages of using functions
- ✓ Function Prototype
- ✓ Defining a function
- ✓ Calling afunction
- ✓ Return statement, Types of functions

Pointer

- ✓ Def of Pointer
- ✓ Declaration of Pointer Variables
- ✓ Assigning Address to Pointer Variables
- ✓ De-referencing Pointer Variables
- ✓ Pointer to Pointer
- ✓ Pointer Arithmetic, Pointer comparisons
- ✓ De-reference and increment pointer
- ✓ pointer to const data, const pointer
- ✓ const pointer to const data
- ✓ Void pointer or Generic Pointer
- ✓ Null pointer

Pointer and Function

- ✓ Parameter Passing Techniques call by value, call by address
- ✓ Using Pointers as Arguments Function Returning value
- ✓ Returning More than one value From A Function
- ✓ Functions Returning Address
- ✓ Function Returning Pointers
- ✓ Dangling pointer

Pointer to a Function

- ✓ Calling A function through function pointer
- ✓ passing A function's address as an Argument to other function
- ✓ Functions with variable number of argument

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

26.05.2015
Salem

From

Prof.P.Malarvizhi,
Assistant Professor,
Department of Computer Science and Engineering
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CSE

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "Problem Solving and Computer Programming through Career Refresh (Module I)" from 10.06.2015 - 19.06.2015 for a period of 08 days with the duration of 32 hours. This course will be helpful for the skill development and placement of our II year students. In this regard, we request you to endowment as permission to conduct the course.

The course details are as follows:

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	Company Name
1	Problem Solving and Computer Programming through Career Refresh (Module I)	CC7, CC8 10.06.2015 -19.06.2015 9.00am – 5.00pm	Career Refresh, Coimbatore.

Thank you,

Yours truly,

HOD/CSE

PRINCIPAL

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

15 - 10

KNOWLEDGE INSTITUTE OF TECHNOLOGY

SALEM - 637 504

Department of Computer Science and Engineering

Circular No.	2015/CC/ODD/01	**Date**	02.06.2015
To	All II year Students		
Name of the subject	Certificate Course on Problem Solving and Computer Programming through Career Refresh (Module I)		

This is to inform you that Department of Computer Science and Engineering in association with Oracle Academy has planned to conduct a **CERTIFICATE COURSE** on **Problem Solving and Computer Programming through Career Refresh (Module I)** for ALL the II year students. Interested students are requested to register their names to the course In-charge.

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	COMPANY NAME
1	Problem Solving and Computer Programming through Career Refresh (Module I)	CC7, CC8 10.06.2015 - 19.06.2015 1.00pm – 5.00pm	Career Refresh, Coimbatore.

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

FACULTY INCHARGE **HOD/CSE** **PRINCIPAL**

MECH	CIVIL	EEE	ECE	CSE	S&H	PD	LIB	AO	Transport I/C	Hostel NB	Residential Warden	College NB	Office/ File	Class Circulation
*	*	*	*	*	*		*			*		*	*	*

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Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module I)

10.06.2015 -19.06.2015

Enrolled Student NameList

Sl.No	Year	Register Number	Student Name
1	II A	611214104002	ARAVIND KUMAR.S
2	II A	611214104003	ARUN .N
3	II A	611214104006	CHANDRU .M
4	II A	611214104011	GIRIDHARAN.V
5	II A	611214104014	GOPINATH. M
6	II A	611214104017	HEMAPRABHA. R
7	II A	611214104021	JAISAI.M
8	II A	611214104022	JANANI .R
9	II A	611214104025	KAVIPRIYA.A
10	II A	611214104029	KEERTHANA PRIYA.M
11	II A	611214104033	LAVANYA.S
12	II A	611214104037	MATHI PRIYA .J
13	II A	611214104038	MENAKA.B
14	II A	611214104040	MUNIDEEPACK .V
15	II A	611214104042	NANDADEEBAN. C
16	II A	611214104048	NAVEEN.K
17	II A	611214104053	PREETHI.M
18	II A	611214104055	PRIYADHARSHINI.R
19	II A	611214104056	PRIYADHARSHINI.S
20	II A	611214104058	PUNITHA.K
21	II A	611214104060	RAAGHUL. K
22	II A	611214104069	SARAVANAN.K
23	II A	611214104070	SASIMADHUMITHA.B
24	II A	611214104075	SIVA JOTHI.V
25	II A	611214104077	SOUNDARYA.K
26	II A	611214104078	SOUNDARYA DEVI.M
27	II A	611214104079	SOUNDRAVALLI.M
28	II A	611214104090	THARINI.M
29	II A	611214104093	VIGNESHWARI .J
30	II A	611214104095	YAMINI. G

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31	II B	611214104001	ANITHA. P
32	II B	611214104005	BRINDHA.Y
33	II B	611214104008	DHANOOJA.R
34	II B	611214104010	ELAMATHI.M
35	II B	611214104012	GOKULAKRISHNAN.S
36	II B	611214104013	GOPI KRISHNAN.M
37	II B	611214104015	GOWTHAM. S
38	II B	611214104026	KAVIPRIYA .M
39	II B	611214104030	KEERTHIGA.C
40	II B	611214104035	MADHESH RAJ.S
41	II B	611214104036	MADHUMITHA.R
42	II B	611214104044	NANDHINI.R.S
43	II B	611214104050	PADMA PRIYA. G
44	II B	611214104051	PAVETHRA .E.
45	II B	611214104057	PRIYA DHARSHINI.S
46	II B	611214104061	RAGUL.A.S
47	II B	611214104065	RUPAVATHI.M
48	II B	611214104068	SANTHOSH.A.R
49	II B	611214104074	SHARATH KUMAR. N
50	II B	611214104084	SUBHANANTHAN E .R
51	II B	611214104088	SWATHY.D
52	II B	611214104089	TAMILARASAN.D
53	II B	611214104004	BALACHANDAR.A
54	II B	611214104009	DHINESH. A
55	II B	611214104018	INDHUMATHI. P
56	II B	611214104019	ISWARYA.M
57	II B	611214104028	KAVYA.S
58	II B	611214104032	KOWSIC SRIRAM. K

Faculty Incharge

HOD

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module I)

10.06.2015-19.06.2015 | Students Enrollment List

Sl.No	Year	Register Number	Student Name
1	III	611213105001	ABINAYA K
2	III	611213105002	AKSHAYA P R
3	III	611213105003	ARCHANA R
4	III	611213105005	ASHWIN R
5	III	611213105006	CHAARUMATHI M
6	III	611213105007	ELAKIYA S
7	III	611213105008	GANDHIMATHI R
8	III	611213105011	GOKULRAJ R
9	III	611213105012	GOPINATH J
10	III	611213105013	GOPINATH M
11	III	611213105014	HARITHARAN C
12	III	611213105015	JAYA SURIYA J
13	III	611213105016	JEEVANANTHAM K
14	III	611213105019	KARTHICK S
15	III	611213105020	KARTHIESWARUBA N
16	III	611213105021	KARTHIK D V
17	III	611213105022	KARTHIKA K G
18	III	611213105023	KARTHIKEYAN M
19	III	611213105026	KAVIN PRASATH R
20	III	611213105027	KAVITHA B
21	III	611213105028	KRISHNAKUMAR C
22	III	611213105029	KRISHNAPRASANTH B
23	III	611213105030	KRUTHIKA V M
24	III	611213105031	LINGESH R
25	III	611213105034	MAHENDRAN I
26	III	611213105035	MAHESWARI M
27	III	611213105036	MANISHA M
28	III	611213105037	MANOJ PRASAATH C
29	III	611213105038	MATHIYARASU M
30	III	611213105041	MURALIDHARAN S
31	III	611213105042	MUSTHAFA F
32	III	611213105043	NADHIYA M
33	III	611213105044	NANDHAKUMAR S
34	III	611213105047	NARMADHA A
35	III	611213105051	NIYAMATULLAH N
36	III	611213105052	PARTHASARATHI P
37	III	611213105053	PERIANAYAKI M
38	III	611213105056	PRABAKARAN C
39	III	611213105058	PRASANTH C
40	III	611213105059	PRASANTH T
41	III	611213105060	PRATHIBHA V
42	III	611213105061	PRAVINKUMAR R
43	III	611213105062	PRIYA P
44	III	611213105063	RAMACHANDRAN G
45	III	611213105064	RAMYA K
46	III	611213105067	RANJITH U K
47	III	611213105068	REKHA N

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Sl.No	Year	Register Number	Student Name
48	III	611213105071	SANTHOSHKUMAR N
49	III	611213105072	SARANYA P
50	III	611213105073	SARANYADEVI P
51	III	611213105074	SARAVANAPRASAATH S R
52	III	611213105076	SATHIYA SEELAN P
53	III	611213105077	SELVARAJ A
54	III	611213105078	SHRUTHI SHAHANA R
55	III	611213105079	SIVASANKAR K
56	III	611213105080	SOBANA R R
57	III	611213105081	SRINIVASAN R
58	III	611213105082	SRINIVASAN S
59	III	611213105083	SRIRAM G
60	III	611213105085	SUBATHRA A
61	III	611213105086	SUGANESHWARAN M
62	III	611213105087	TAMIZHAZHAGAN M
63	III	611213105089	UMAPATHI R
64	III	611213105090	VARADHARAJ V T
65	III	611213105092	VIGNESH M
66	III	611213105093	VIGNESH S
67	III	611213105094	VIGNESHWARAN R
68	III	611213105095	VIJAYAKUMAR G
69	III	611213105097	VINITHA G
70	III	611213105099	VINOTHKUMAR M
71	III	611213105100	VISHNUPRIYA T
72	III	611213105101	VISHNU PRIYAA R
73	III	611213105301	ANBU A
74	III	611213105303	DEEPAK KUMAR R
75	III	611213105304	DINESHKUMAR T
76	III	611213105305	HARISHANKAR N
77	III	611213105306	KALAIMANI M
78	III	611213105307	KEERTHANA D
79	III	611213105308	MANIKANDAN K
80	III	611213105310	MUTHUKUMAR R
81	III	611213105311	NIZAR D
82	III	611213105312	PARTHASARATHY R
83	III	611213105316	SIRANJEEVI S
84	III	611213105317	SURESH B
85	III	611213105318	TAMIL MANI S

Dept. CC Coordinator

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module I)

SYLLABUS & SCHEDULE

Day	Session	Contents
DAY 1	AN	Fundamentals in Computer Programming, Identifiers, Keywords Variables, Data Types, Declaration of Variable
DAY 2	AN	Operators and Expressions, Data types, Control statements Conditional Control Statements
DAY 3	AN	Function, Function Prototype, Defining a function, Calling a function
DAY 4	AN	Recursion, Nested functions, main() function, Library Function, Local and global variables
DAY 5	AN	Pointer, Def of Pointer, Declaration of Pointer Variables, Assigning Address to Pointer Variables, De-referencing Pointer Variables
DAY 6	AN	Pointer to Pointer, Pointer Arithmetic, Pointer comparisons, De-reference and increment pointer, pointer to const data, const pointer
DAY 7	AN	Pointer and Function, Parameter Passing Techniques call by value, call by address, Using Pointers as Arguments Function Returning value
DAY 8	AN	Calling A function through function pointer, passing A function's address as an Argument to other function, Functions with variable number of arguments

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module I)

10.06.2015 -19.06.2015 | Course Attendance

Sl.No	Year	Register Number	Student Name	10.6.15	11.6.15	12.6.15	15.6.15	16.6.15	17.6.15	18.6.15	19.6.15
1	II A	611214104002	ARAVIND KUMAR.S	1	1	1	1	1	1	1	1
2	II A	611214104003	ARUN .N	1	a	1	1	1	1	1	1
3	II A	611214104006	CHANDRU .M	1	1	1	1	1	1	1	1
4	II A	611214104011	GIRIDHARAN.V	1	1	1	1	1	1	1	1
5	II A	611214104014	GOPINATH. M	1	1	1	1	1	1	1	a
6	II A	611214104017	HEMAPRABHA. R	1	1	1	1	1	1	1	1
7	II A	611214104021	JAISAI.M	1	1	1	1	1	1	1	1
8	II A	611214104022	JANANI .R	1	1	1	1	1	1	1	1
9	II A	611214104025	KAVIPRIYA.A	a	1	1	1	1	1	1	1
10	II A	611214104029	KEERTHANA PRIYA.M	1	1	1	1	1	1	1	1
11	II A	611214104033	LAVANYA.S	1	1	1	1	1	1	1	1
12	II A	611214104037	MATHI PRIYA .J	1	1	1	1	1	1	1	1
13	II A	611214104038	MENAKA.B	1	1	1	1	1	1	1	1
14	II A	611214104040	MUNIDEEPACK .V	1	1	1	1	1	1	1	1
15	II A	611214104042	NANDADEEBAN. C	1	1	1	1	1	1	1	1
16	II A	611214104048	NAVEEN.K	1	1	1	1	1	1	1	1
17	II A	611214104053	PREETHI.M	1	1	1	1	1	1	1	1
18	II A	611214104055	PRIYADHARSHINI.R	1	1	1	1	1	1	1	1
19	II A	611214104056	PRIYADHARSHINI.S	1	1	1	1	1	1	1	1
20	II A	611214104058	PUNITHA.K	1	1	1	1	1	1	1	1
21	II A	611214104060	RAAGHUL. K	1	1	1	1	1	1	1	1
22	II A	611214104069	SARAVANAN.K	1	1	1	1	1	1	1	1
23	II A	611214104070	SASIMADHUMITHA.B	1	1	1	1	1	1	1	1
24	II A	611214104075	SIVA JOTHI.V	1	1	1	1	1	1	1	1
25	II A	611214104077	SOUNDARYA.K	1	1	1	1	1	1	1	1
26	II A	611214104078	SOUNDARYA DEVI.M	1	1	1	1	1	1	1	1
27	II A	611214104079	SOUNDRAVALLI.M	1	1	1	1	1	1	1	1
28	II A	611214104090	THARINI.M	1	1	1	1	1	1	1	1
29	II A	611214104093	VIGNESHWARI .J	1	1	1	1	1	1	1	1
30	II A	611214104095	YAMINI. G	1	1	1	1	1	1	1	1

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31	II B	611214104001	ANITHA. P	1	1	1	1	1	1	1	1
32	II B	611214104005	BRINDHA.Y	1	1	1	1	1	1	1	1
33	II B	611214104008	DHANOOJA.R	1	1	1	1	1	1	1	1
34	II B	611214104010	ELAMATHI.M	1	1	1	1	1	a	1	1
35	II B	611214104012	GOKULAKRISHNAN.S	1	1	1	1	1	1	1	1
36	II B	611214104013	GOPI KRISHNAN.M	1	1	1	1	1	1	1	1
37	II B	611214104015	GOWTHAM. S	1	1	1	1	1	1	1	1
38	II B	611214104026	KAVIPRIYA .M	1	1	1	1	1	1	1	1
39	II B	611214104030	KEERTHIGA.C	1	1	1	1	1	1	1	1
40	II B	611214104035	MADHESH RAJ.S	1	1	1	1	1	1	1	1
41	II B	611214104036	MADHUMITHA.R	1	1	1	1	1	1	1	1
42	II B	611214104044	NANDHINI.R.S	a	1	1	1	1	1	1	1
43	II B	611214104050	PADMA PRIYA. G	1	1	1	1	1	1	1	1
44	II B	611214104051	PAVETHRA .E.	1	1	1	1	1	1	1	1
45	II B	611214104057	PRIYA DHARSHINI.S	1	1	1	1	1	1	1	1
46	II B	611214104061	RAGUL.A.S	1	1	1	1	1	1	1	1
47	II B	611214104065	RUPAVATHI.M	1	a	1	1	1	1	1	1
48	II B	611214104068	SANTHOSH.A.R	1	1	1	1	1	1	1	1
49	II B	611214104074	SHARATH KUMAR. N	1	1	1	1	1	1	1	1
50	II B	611214104084	SUBHANANTHAN E .R	1	1	1	1	1	1	1	1
51	II B	611214104088	SWATHY.D	1	1	1	1	1	1	1	1
52	II B	611214104089	TAMILARASAN.D	1	1	1	1	1	1	1	1
53	II B	611214104004	BALACHANDAR.A	1	1	1	1	1	1	1	1
54	II B	611214104009	DHINESH. A	1	1	1	1	a	1	1	1
55	II B	611214104018	INDHUMATHI. P	1	1	1	1	1	1	1	1
56	II B	611214104019	ISWARYA.M	1	1	1	1	1	1	1	1
57	II B	611214104028	KAVYA.S	1	1	1	1	1	1	1	1
58	II B	611214104032	KOWSIC SRIRAM. K	1	1	1	1	1	1	1	1
			NO OF STUDENTS PRESENT	56	56	58	57	57	57	58	57
			NO OF STUDENTS ABSENT	2	2	–	1	1	1	–	1

Faculty Incharge

HOD

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module I)

10.06.2015-19.06.2015| Course Attendance

Sl.No	Year	Register Number	Student Name	10.06.15	11.06.15	12.06.15	15.06.15	16.06.15	17.06.15	18.06.15	19.06.15
1	III	611213105001	ABINAYA K	a	/	/	/	/	/	/	/
2	III	611213105002	AKSHAYA P R	/	/	/	/	/	/	/	/
3	III	611213105003	ARCHANA R	/	/	/	/	/	/	a	/
4	III	611213105005	ASHWIN R	/	/	/	/	/	/	/	/
5	III	611213105006	CHAARUMATHI M	/	/	/	/	/	/	/	/
6	III	611213105007	ELAKIYA S	/	/	/	/	/	/	/	a
7	III	611213105008	GANDHIMATHI R	/	a	/	/	/	/	/	/
8	III	611213105011	GOKULRAJ R	/	/	/	/	/	/	/	/
9	III	611213105012	GOPINATH J	/	/	/	/	/	/	a	/
10	III	611213105013	GOPINATH M	/	/	/	/	/	/	/	/
11	III	611213105014	HARITHARAN C	/	/	/	/	/	/	/	a
12	III	611213105015	JAYA SURIYA J	/	/	/	/	/	/	/	/
13	III	611213105016	JEEVANANTHAM K	/	/	a	/	/	a	/	/
14	III	611213105019	KARTHICK S	/	/	/	/	/	/	/	/
15	III	611213105020	KARTHIESWARUBA N	/	/	/	/	/	/	/	/
16	III	611213105021	KARTHIK D V	a	/	/	/	/	/	/	/
17	III	611213105022	KARTHIKA K G	/	/	/	/	a	/	/	/
18	III	611213105023	KARTHIKEYAN M	/	/	/	/	/	/	/	/
19	III	611213105026	KAVIN PRASATH R	/	/	/	/	/	/	/	/
20	III	611213105027	KAVITHA B	/	/	/	/	/	/	a	/
21	III	611213105028	KRISHNAKUMAR C	/	/	/	/	/	/	/	/
22	III	611213105029	KRISHNAPRASANTH B	/	/	/	/	/	/	/	/
23	III	611213105030	KRUTHIKA V M	/	/	/	a	/	/	/	/
24	III	611213105031	LINGESH R	/	/	/	/	/	/	/	a
25	III	611213105034	MAHENDRAN I	/	/	/	/	/	/	/	/
26	III	611213105035	MAHESWARI M	/	/	/	/	/	/	/	/
27	III	611213105036	MANISHA M	/	a	/	/	/	/	/	/
28	III	611213105037	MANOJ PRASAATH C	/	/	/	/	/	/	/	/
29	III	611213105038	MATHIYARASU M	a	/	/	/	/	/	/	/
30	III	611213105041	MURALIDHARAN S	/	/	/	/	a	/	/	/
31	III	611213105042	MUSTHAFA F	/	/	/	/	/	/	/	/
32	III	611213105043	NADHIYA M	/	/	/	/	/	/	/	/
33	III	611213105044	NANDHAKUMAR S	/	/	/	/	/	/	/	/
34	III	611213105047	NARMADHA A	/	/	/	/	/	/	a	/
35	III	611213105051	NIYAMATULLAH N	/	/	a	/	/	/	/	/
36	III	611213105052	PARTHASARATHI P	/	/	/	/	/	/	/	/
37	III	611213105053	PERIANAYAKI M	/	/	/	/	/	/	/	/
38	III	611213105056	PRABAKARAN C	a	/	/	/	/	/	/	/
39	III	611213105058	PRASANTH C	/	/	/	/	/	/	/	/
40	III	611213105059	PRASANTH T	/	/	/	/	/	/	/	/
41	III	611213105060	PRATHIBHA V	/	/	/	/	/	/	/	/
42	III	611213105061	PRAVINKUMAR R	/	/	/	/	/	/	/	/
43	III	611213105062	PRIYA P	/	/	/	a	/	/	/	/
44	III	611213105063	RAMACHANDRAN G	/	/	/	/	/	/	/	/
45	III	611213105064	RAMYA K	/	/	/	/	/	/	/	/
46	III	611213105067	RANJITH U K	/	/	/	/	/	/	/	/
47	III	611213105068	REKHA N	/	/	/	/	/	/	/	/
48	III	611213105071	SANTHOSHKUMAR N	/	/	/	/	/	a	/	/
49	III	611213105072	SARANYA P	/	/	/	/	/	/	/	/
50	III	611213105073	SARANYADEVI P	/	/	/	a	/	/	/	/
51	III	611213105074	SARAVANAPRASAATH	/	/	/	/	/	/	/	/
52	III	611213105076	SATHIYA SEELAN P	/	/	/	/	/	/	/	/

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Sl.No	Year	Register Number	Student Name	10.06.15	11.06.15	12.06.15	15.06.15	16.06.15	17.06.15	18.06.15	19.06.15
53	III	611213105077	SELVARAJ A	/	/	/	/	/	/	/	/
54	III	611213105078	SHRUTHI SHAHANA R	/	/	/	/	/	/	/	/
55	III	611213105079	SIVASANKAR K	/	/	/	/	a	/	/	/
56	III	611213105080	SOBANA R R	/	/	/	/	/	/	a	/
57	III	611213105081	SRINIVASAN R	/	/	/	/	/	/	/	/
58	III	611213105082	SRINIVASAN S	/	a	/	/	/	/	/	/
59	III	611213105083	SRIRAM G	/	/	/	/	/	/	/	/
60	III	611213105085	SUBATHRA A	/	/	/	a	/	/	/	/
61	III	611213105086	SUGANESHWARAN M	/	/	/	/	/	/	/	/
62	III	611213105087	TAMIZHAZHAGAN M	/	/	/	/	/	/	/	/
63	III	611213105089	UMAPATHI R	/	/	/	/	/	/	/	/
64	III	611213105090	VARADHARAJ V T	/	/	/	/	/	/	/	a
65	III	611213105092	VIGNESH M	/	/	/	/	/	/	/	/
66	III	611213105093	VIGNESH S	a	/	/	/	/	/	/	/
67	III	611213105094	VIGNESHWARAN R	/	/	/	/	/	/	/	/
68	III	611213105095	VIJAYAKUMAR G	/	/	/	/	/	a	/	/
69	III	611213105097	VINITHA G	/	/	/	/	/	/	/	/
70	III	611213105099	VINOTHKUMAR M	/	/	a	/	/	/	/	/
71	III	611213105100	VISHNUPRIYA T	/	/	/	/	/	/	/	/
72	III	611213105101	VISHNU PRIYAA R	/	/	/	/	/	/	/	a
73	III	611213105301	ANBU A	/	/	/	/	/	/	/	/
74	III	611213105303	DEEPAK KUMAR R	/	/	/	/	/	/	/	/
75	III	611213105304	DINESHKUMAR T	/	/	/	/	/	/	/	/
76	III	611213105305	HARISHANKAR N	/	/	/	/	/	/	/	/
77	III	611213105306	KALAIMANI M	/	a	/	/	a	/	/	/
78	III	611213105307	KEERTHANA D	/	/	/	/	/	/	/	/
79	III	611213105308	MANIKANDAN K	/	/	/	/	/	/	/	/
80	III	611213105310	MUTHUKUMAR R	/	/	/	/	/	/	/	/
81	III	611213105311	NIZAR D	/	/	/	/	/	/	/	/
82	III	611213105312	PARTHASARATHY R	a	/	/	a	/	/	/	/
83	III	611213105316	SIRANJEEVI S	/	/	/	/	/	/	a	/
84	III	611213105317	SURESH B	/	/	/	/	/	/	/	/
85	III	611213105318	TAMIL MANI S	/	/	/	/	/	/	/	/
			No. of Students Present	79	81	82	81	80	82	79	80
			No of Students Absent	6	4	3	4	5	3	6	5

Dept. CC Coordinator

HOD/EEE 19/06/15

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module I)

10.06.2015 -19.06.2015 | Assessment Report

Sl.No	Year	Register Number	Student Name	Final Assessment %
1	II A	611214104002	ARAVIND KUMAR.S	69
2	II A	611214104003	ARUN .N	76
3	II A	611214104006	CHANDRU .M	72
4	II A	611214104011	GIRIDHARAN.V	75
5	II A	611214104014	GOPINATH. M	75
6	II A	611214104017	HEMAPRABHA. R	78
7	II A	611214104021	JAISAI.M	65
8	II A	611214104022	JANANI .R	65
9	II A	611214104025	KAVIPRIYA.A	72
10	II A	611214104029	KEERTHANA PRIYA.M	62
11	II A	611214104033	LAVANYA.S	70
12	II A	611214104037	MATHI PRIYA .J	81
13	II A	611214104038	MENAKA.B	75
14	II A	611214104040	MUNIDEEPACK .V	76
15	II A	611214104042	NANDADEEBAN. C	75
16	II A	611214104048	NAVEEN.K	64
17	II A	611214104053	PREETHI.M	81
18	II A	611214104055	PRIYADHARSHINI.R	66
19	II A	611214104056	PRIYADHARSHINI.S	65
20	II A	611214104058	PUNITHA.K	70
21	II A	611214104060	RAAGHUL. K	63
22	II A	611214104069	SARAVANAN.K	79
23	II A	611214104070	SASIMADHUMITHA.B	66
24	II A	611214104075	SIVA JOTHI.V	83
25	II A	611214104077	SOUNDARYA.K	74
26	II A	611214104078	SOUNDARYA DEVI.M	65
27	II A	611214104079	SOUNDRAVALLI.M	68
28	II A	611214104090	THARINI.M	76
29	II A	611214104093	VIGNESHWARI .J	77
30	II A	611214104095	YAMINI. G	77

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Kakapalayam (Po), Salem-637 504

31	II B	611214104001	ANITHA. P	70
32	II B	611214104005	BRINDHA.Y	71
33	II B	611214104008	DHANOOJA.R	81
34	II B	611214104010	ELAMATHI.M	66
35	II B	611214104012	GOKULAKRISHNAN.S	74
36	II B	611214104013	GOPI KRISHNAN.M	81
37	II B	611214104015	GOWTHAM. S	68
38	II B	611214104026	KAVIPRIYA .M	66
39	II B	611214104030	KEERTHIGA.C	69
40	II B	611214104035	MADHESH RAJ.S	65
41	II B	611214104036	MADHUMITHA.R	70
42	II B	611214104044	NANDHINI.R.S	80
43	II B	611214104050	PADMA PRIYA. G	69
44	II B	611214104051	PAVETHRA .E.	81
45	II B	611214104057	PRIYA DHARSHINI.S	84
46	II B	611214104061	RAGUL.A.S	63
47	II B	611214104065	RUPAVATHI.M	72
48	II B	611214104068	SANTHOSH.A.R	63
49	II B	611214104074	SHARATH KUMAR. N	71
50	II B	611214104084	SUBHANANTHAN E .R	82
51	II B	611214104088	SWATHY.D	79
52	II B	611214104089	TAMILARASAN.D	72
53	II B	611214104004	BALACHANDAR.A	81
54	II B	611214104009	DHINESH. A	79
55	II B	611214104018	INDHUMATHI. P	68
56	II B	611214104019	ISWARYA.M	69
57	II B	611214104028	KAVYA.S	82
58	II B	611214104032	KOWSIC SRIRAM. K	70

**Max Marks - 100 | Min Marks - 60

Faculty Incharge

HOD

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Certificate of Completion

This is to certify that

NAVEEN.K

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **10.06.2015 -19.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 50

Training Head, Career Refresh

Certificate of Completion

This is to certify that

NANDADEEBAN. C

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **10.06.2015 -19.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

Certificate of Completion

This is to certify that

MUNIDEEPACK .V

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **10.06.2015 -19.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

Certificate of Completion

This is to certify that

MENAKA.B

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **10.06.2015 -19.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

Certificate of Completion

This is to certify that

MATHI PRIYA .J

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **10.06.2015 -19.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Siva Jothi.V

Course Title: Problem Solving And COMPUTER PROGRAMMING THROUGH CARRIER REFRESH (M.I)

Year/ Sem: 2/3

Date: 19.06.2015

Dept : CSE

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓	✓		
Additional resources available	✓				
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

GOOD CLARIFICATION

Easy Understanding

Suggestions for improvement:

NEED MORE SOLVING PROBLEMS

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Preethi. M

Course Title: (MT) Problem Solving and Computer programming through Caravan refresh.

Year/ Sem: II / III

Date: 19. 6. 15

Dept : CSE.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training			✓		

Positive points about the Lecture:

COMMUNICATION, SPEED, CONTROL

Suggestions for improvement:

PUNCTUALITY, MATERIAL COVERAGE.

Principal,
Knowledge Institute of Technology
Kakapalayam (Po). Salem-637 50-

Preethi M
(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: ARUN. N

Course Title: Problem solving and Computer programming through careas Refresh (Module I)

Year/ Sem: II / III

Dept : CSE

Date: 19.6.15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Easy understanding.

Suggestions for improvement:

Extra modules and some clasification about new tech.

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: PUNITHA.K.

Course Title: PROBLEM SOLVING AND COMPUTER PROGRAMMING. THROUGH CAREER REFRESH (M2)

Year/ Sem: 2nd / 3rd.

Dept : ECE.

Date: 19.6.15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Learn many new thing.

Suggestions for improvement:

Need some more resource to explore our ideas.

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504.

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Lavanya . S

Course Title: Problem Solving and Computer Programming through C version

Year/ Sem: II / III

Dept : CSE

Date: 19/6/15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery	✓				
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Good clarification

Easy Understanding

Suggestions for improvement:

Need more Problems to Solve

Principal,
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Kakapalayam (Po), Salem-637 504

(Signature of the student)

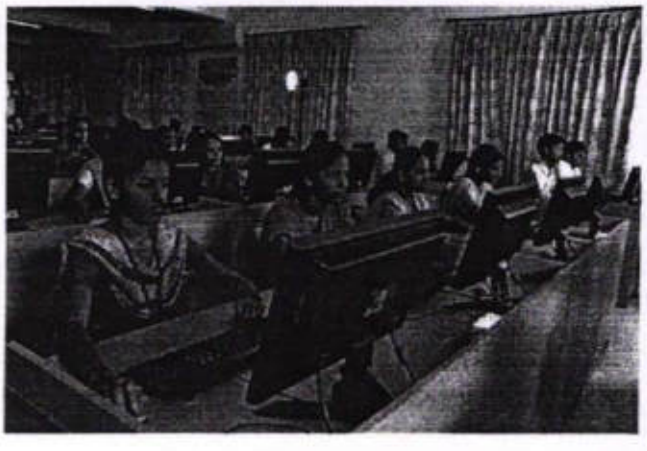
KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504

Department of Computer Science and Engineering

REPORT OF THE EVENT			
Date	10.06.2015 - 23.06.2015	**Resource person**	Career Refresh, Coimbatore.
Time	1.00pm – 5.00pm	**Title**	Problem Solving and Computer Programming through Career Refresh (Module II)
Venue	CC5, 6	**No. of Participants**	**121**

The Course outcome are:

- Identify situations where computational methods and computers would be useful.
- Given a computational problem, identify and abstractthe programming task involved.
- Approach the programming tasks using techniques learned and write pseudo-code.
- Choose the right data representation formats based on the requirements of the problem.
- Use the comparisons and limitations of the various programming constructs and choose the right one for the task in hand.
- Write the program on a computer, edit, compile, debug, correct, recompile and run it.
- Identify tasks in which the numerical techniques learned are applicable and apply them to write programs, and hence use computers effectively to solve the task.



Encl: Circular / Brochure / Attendance Sheet

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504.

27.05.2015
Salem

From

Prof.P.Malarvizhi,
Assistant Professor,
Department of Computer Science and Engineering
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CSE

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "Problem Solving and Computer Programming through Career Refresh (Module II)" from 10.06.2015 - 23.06.2015 for a period of 10 days with the duration of 40 hours. This course will be helpful for the skill development and placement of our III year students. In this regard, we request you to endowment as permission to conduct the course.

The course details are as follows:

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	Company Name
1	Problem Solving and Computer Programming through Career Refresh (Module II)	CC5, CC6 10.06.2015 - 23.06.2015 1.00pm – 5.00pm	Career Refresh, Coimbatore.

Thank you,

Yours truly,

P. Malarvizhi 27/5/15
[P. Malarvizhi]

HOD/CSE

PRINCIPAL

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

SALEM - 637 504

Department of Computer Science and Engineering

Circular No.	2015/CC/ODD/02	**Date**	03.06.2015
To	All III year Students		
Name of the subject	Certificate Course on Problem Solving and Computer Programming through Career Refresh (Module II)		

This is to inform you that Department of Computer Science and Engineering in association with Oracle Academy has planned to conduct a **CERTIFICATE COURSE** on **Problem Solving and Computer Programming through Career Refresh (Module II)** for ALL the III year students. Interested students are requested to register their names to the course In-charge.

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	COMPANY NAME
1	Problem Solving and Computer Programming through Career Refresh (Module II)	CC5, CC6 10.06.2015 - 23.06.2015 1.00pm – 5.00pm	Career Refresh, Coimbatore.

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

P.Mal-3/6/15
FACULTY INCHARGE

3.6.15
HOD/CSE

PRINCIPAL

MECH	CIVIL	EEE	ECE	CSE	S&H	PD	LIB	AO	Transport I/C	Hostel NB	Residential Warden	College NB	Office / File	Class Circulation
*	*	*	*	*	*		*			*		*	*	*

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module II)

10.06.2015 - 23.06.2015

Enrolled Student NameList

Sl.No	Year	Register Number	Student Name
1	III A	611213104001	ABHINAYA HARINI NM
2	III A	611213104004	ANANTHI S
3	III A	611213104009	BOOBALAN T
4	III A	611213104010	BUVANESHWARI B
5	III A	611213104014	GOKILA M
6	III A	611213104015	GOKILA R
7	III A	611213104016	GOKULAPRIYAN ANBUSELVAN
8	III A	611213104017	GOMATHI G
9	III A	611213104020	GOWTHAMAN K
10	III A	611213104022	HARIJOTHI J
11	III A	611213104023	HARIPRIYA M K
12	III A	611213104026	INDHU M
13	III A	611213104028	JAWAHAR K
14	III A	611213104030	KALAIYARASI G
15	III A	611213104031	KARTHIKA M
16	III A	611213104032	KARTHIKEYAN V
17	III A	611213104033	KAUSALYA S P
18	III A	611213104034	KEERTHANA R
19	III A	611213104035	KOKILA D
20	III A	611213104036	KUPPULAKSHMI A R
21	III A	611213104037	LOGANAPRIYA S
22	III A	611213104038	MANI BHARATHI S
23	III A	611213104042	MEYYAZHAGAN E
24	III A	611213104043	MOHANAPRIYA V
25	III A	611213104045	MOWNAPRIYA D
26	III A	611213104046	NAGAPRIYA N
27	III A	611213104302	ARULKUMAR K

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

28	III A	611213104303	BALAJI H.S.
29	III A	611213104307	NAVEEN GUPTHA H
30	III B	611213104047	NANDHINI T
31	III B	611213104049	NIRANCHANA S
32	III B	611213104053	POOVARASAN G
33	III B	611213104055	PRAKALYA M
34	III B	611213104059	RAMYA S
35	III B	611213104060	RENUKADEVI S
36	III B	611213104063	SAI DHARSAN P
37	III B	611213104066	SANGEETHA D
38	III B	611213104068	SANTHIYA V
39	III B	611213104069	SARAVANAN R
40	III B	611213104070	SENTHILKUMAR S
41	III B	611213104071	SHANMATHI A
42	III B	611213104073	SHRI INDUMATHI A K
43	III B	611213104076	SNEHA R
44	III B	611213104077	SOWMYA S
45	III B	611213104080	SURESH KUMAR R
46	III B	611213104081	SWATHI SRI M
47	III B	611213104082	TAMIZHARASAN P
48	III B	611213104085	VANITHA RANI N
49	III B	611213104086	VASANTH N
50	III B	611213104088	VETHA VARSHA S
51	III B	611213104089	VICKY A L
52	III B	611213104091	VIGNESWARAN R J
53	III B	611213104092	VIJAYAKUMAR M
54	III B	611213104306	KRISHHAN S
55	III B	611213104308	PADMAVATHY P
56	III B	611213104311	PRITHIVIRAJ G
57	III B	611213104701	POORNIMA U

Faculty Incharge

HOD

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module II)

10.06.2015-23.06.2015 | Students Enrollment List

Sl.No	Year	Register Number	Student Name
1	IV	611212105001	AARTHI A
2	IV	611212105002	ANBARASAN T
3	IV	611212105003	DEEPASREE K
4	IV	611212105004	DEVI KARUNYA G
5	IV	611212105005	DINESHKUMAR R
6	IV	611212105006	DIVYA M
7	IV	611212105007	GOKUL T
8	IV	611212105008	HARIHARAN R
9	IV	611212105009	JAYASURUTHI ASAITHAMBI
10	IV	611212105010	KALAIYARASI S
11	IV	611212105011	KARTHICK S
12	IV	611212105012	KARTHIK RAJA K
13	IV	611212105013	KOVENTHAN SK
14	IV	611212105014	MANIKANDAN A
15	IV	611212105015	MANIKANDAN D
16	IV	611212105016	MANIVANNAN T
17	IV	611212105017	MITHUNA S
18	IV	611212105018	MOHANAPRIYA K
19	IV	611212105019	NARAYANA RAJA J
20	IV	611212105021	PADMASHRI B
21	IV	611212105022	PRABHAKARAN K
22	IV	611212105023	PRAKASH V
23	IV	611212105024	PREAMKUMAR P
24	IV	611212105025	PRIYADHARSHINI R
25	IV	611212105026	RAGHAVENDRA KUMAR N
26	IV	611212105027	RAJESHKANNAN C
27	IV	611212105028	RAMYA S
28	IV	611212105029	RAMYA S
29	IV	611212105030	SAKTHIVEL G
30	IV	611212105031	SARAVANAN R
31	IV	611212105032	SASIKALA C
32	IV	611212105033	SATHISHKUMAR M
33	IV	611212105034	SATHISHKUMAR P
34	IV	611212105035	SAVEENA DEVI V
35	IV	611212105036	SHRI RAM M J R

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Sl.No	Year	Register Number	Student Name
36	IV	611212105037	SOWMIYA M
37	IV	611212105038	SURESH D
38	IV	611212105039	TAMILARASAN K
39	IV	611212105040	UDHAYAKUMAR M
40	IV	611212105041	VAIJAYANTHI V
41	IV	611212105042	VAISHNAVI M
42	IV	611212105043	VASANTHKUMAR U
43	IV	611212105045	VIGNESH K
44	IV	611212105046	VIGNESH N
45	IV	611212105047	VIGNESHWARAN B
46	IV	611212105048	VIJAYAKUMAR S
47	IV	611212105049	VISAALINI K
48	IV	611212105050	VISHAL J S
49	IV	611212105051	YUVARANI G
50	IV	611212105301	AKSHAYA R
51	IV	611212105302	ARUNPRAKASH E.R.S
52	IV	611212105303	BOOPALAN.S
53	IV	611212105304	DEVISRI S
54	IV	611212105305	GOKULRAJ M
55	IV	611212105306	GOWTHAMAN P
56	IV	611212105307	JAWAHAR.S
57	IV	611212105308	NAVEENRAJA.P
58	IV	611212105309	POOVIZHI AZHAGAN K
59	IV	611212105310	PRAKASH V
60	IV	611212105311	RAGHAVENDRA S.S
61	IV	611212105313	SAMBU P
62	IV	611212105314	SANKARA NARAYANAN.U
63	IV	611212105315	SASIKUMAR. A
64	IV	611212105316	YASOTHA PRIYA R

HOD/EEE

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

INSITITE OF TECHNOLOGY,SALEM-637504

ENT OF COMPUTER SCIENCE & ENGINEERING

omputer Programming through Career Refresh (Module II)

SYLLABUS & SCHEDULE

		Contents
	AN	Array, One dimensional arrays, Declaration of 1D arrays, Initialization of 1D arrays
DAY 2	AN	Accessing element of 1D arrays, Reading and displaying elements, Two dimensional arrays, Declaration of 2D arrays, Initialization of 2D arrays
DAY 3	AN	Accessing element of 2D arrays, Reading and displaying elements, Declaration of Structure Variables, Initialization of Structure Variables,
DAY 4	AN	Accessing Structure Members, Storage of Structures in Memory, Size of Structures, Reading and Displaying Structure
DAY 5	AN	Variables, Assignment of Structure Variables, Pointers to structures, Array of structures
DAY 6	AN	Nested structures, Self-referential structures, memory link(linked list), Bit fields
DAY 7	AN	strings versus character arrays,Initializing & Reading string, Displaying string, The %s format specifier, The gets() and puts() functions,
DAY 8	AN	string handling functions & pointers, Two-dimensional character arrays, array of string, array of pointers to strings
DAY 9	AN	Passing structure member to a function, Passing structure variable to a function, Passing structure variable address to a function, Passing array of structure to a function,
DAY 10	AN	Returning a structure variable from function, Returning a structure variable address from function, Returning structure variable from a function

Course Coordinator

HOD

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module II)

10.06.2015 - 23.06.2015 | Course Attendance

Sl. No	Year	Register Number	Student Name	10.6.15	11.6.15	12.6.15	15.6.15	16.6.15	17.6.15	18.6.15	19.6.15	22.6.15	23.6.15
1	III A	611213104001	ABHINAYA HARINI NM										
2	III A	611213104004	ANANTHI S										
3	III A	611213104009	BOOBALAN T										
4	III A	611213104010	BUVANESHWARI B										
5	III A	611213104014	GOKILA M										
6	III A	611213104015	GOKILA R										
7	III A	611213104016	GOKULAPRIYAN ANBUSELVAN										
8	III A	611213104017	GOMATHI G										
9	III A	611213104020	GOWTHAMAN K										
10	III A	611213104022	HARIJOTHI J										
11	III A	611213104023	HARIPRIYA M K										
12	III A	611213104026	INDHU M										
13	III A	611213104028	JAWAHAR K										
14	III A	611213104030	KALAIYARASI G										
15	III A	611213104031	KARTHIKA M										
16	III A	611213104032	KARTHIKEYAN V										
17	III A	611213104033	KAUSALYA S P										
18	III A	611213104034	KEERTHANA R										
19	III A	611213104035	KOKILA D										
20	III A	611213104036	KUPPULAKSHMI A R										
21	III A	611213104037	LOGANAPRIYA S										
22	III A	611213104038	MANI BHARATHI S										
23	III A	611213104042	MEYYAZHAGAN E										
24	III A	611213104043	MOHANAPRIYA V										
25	III A	611213104045	MOWNAPRIYA D										
26	III A	611213104046	NAGAPRIYA N										
27	III A	611213104302	ARULKUMAR K										
28	III A	611213104303	BALAJI H.S.										
29	III A	611213104307	NAVEEN GUPTHA H										
30	III B	611213104047	NANDHINI T										
31	III B	611213104049	NIRANCHANA S										
32	III B	611213104053	POOVARASAN G										
33	III B	611213104055	PRAKALYA M										

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Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

34	III B	611213104059	RAMYA S													
35	III B	611213104060	RENUKADEVI S													
36	III B	611213104063	SAI DHARSAN P													
37	III B	611213104066	SANGEETHA D													
38	III B	611213104068	SANTHIYA V													
39	III B	611213104069	SARAVANAN R													
40	III B	611213104070	SENTHILKUMAR S													
41	III B	611213104071	SHANMATHI A													
42	III B	611213104073	SHRI INDUMATHI A K													
43	III B	611213104076	SNEHA R													
44	III B	611213104077	SOWMYA S													
45	III B	611213104080	SURESH KUMAR R													
46	III B	611213104081	SWATHI SRI M													
47	III B	611213104082	TAMIZHARASAN P													
48	III B	611213104085	VANITHA RANI N													
49	III B	611213104086	VASANTH N													
50	III B	611213104088	VETHA VARSHA S													
51	III B	611213104089	VICKY A L													
52	III B	611213104091	VIGNESWARAN R J													
53	III B	611213104092	VIJAYAKUMAR M													
54	III B	611213104306	KRISHHAN S													
55	III B	611213104308	PADMAVATHY P													
56	III B	611213104311	PRITHIVIRAJ G													
57	III B	611213104701	POORNIMA U													
			NO OF Students present	56	55	56	57	56	56	54	57	57	57			
			NO OF Students Absent	1	2	1	-	1	1	3						

Faculty Incharge

HOD

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module II)

10.06.2015-23.06.2015 | Course Attendance

Sl.No	Year	Register Number	Student Name	10.06.15	11.06.15	12.06.15	15.06.15	16.06.15	17.06.15	18.06.15	19.06.15	22.06.15	23.06.15
1	IV	611212105001	AARTHI A	/	/	/	/	/	/	/	/	/	/
2	IV	611212105002	ANBARASAN T	/	/	/	/	/	/	/	/	/	/
3	IV	611212105003	DEEPASREE K	/	/	/	/	/	/	/	/	/	/
4	IV	611212105004	DEVI KARUNYA G	/	a	/	/	/	/	/	/	/	/
5	IV	611212105005	DINESHKUMAR R	/	/	/	/	/	/	/	/	/	/
6	IV	611212105006	DIVYA M	/	/	/	/	/	/	/	/	/	/
7	IV	611212105007	GOKUL T	/	/	/	a	/	/	/	/	/	/
8	IV	611212105008	HARIHARAN R	/	/	/	/	/	/	/	/	/	/
9	IV	611212105009	JAYASUKUTHI ASAITHAMBI	/	/	/	/	/	/	a	/	/	/
10	IV	611212105010	KALAIYARASI S	/	/	/	/	/	/	/	/	/	/
11	IV	611212105011	KARTHICK S	/	/	/	/	/	/	/	/	/	/
12	IV	611212105012	KARTHIK RAJA K	/	/	/	/	/	/	/	/	/	/
13	IV	611212105013	KOVENTHAN SK	/	/	/	/	/	/	/	/	/	/
14	IV	611212105014	MANIKANDAN A	/	/	/	/	/	/	/	/	/	/
15	IV	611212105015	MANIKANDAN D	/	/	/	/	/	/	/	a	/	/
16	IV	611212105016	MANIVANNAN T	/	/	/	/	/	/	/	/	/	/
17	IV	611212105017	MITHUNA S	/	/	a	/	/	/	/	/	/	/
18	IV	611212105018	MOHANAPRIYA K	/	/	/	/	/	/	/	/	/	/
19	IV	611212105019	NARAYANA RAJA J	/	/	/	/	/	/	/	/	/	/
20	IV	611212105021	PADMASHRI B	/	/	/	/	/	/	/	/	/	/
21	IV	611212105022	PRABHAKARAN K	/	/	/	/	/	/	/	/	/	/
22	IV	611212105023	PRAKASH V	/	/	/	/	/	/	/	/	a	a
23	IV	611212105024	PREAMKUMAR P	/	/	/	/	/	/	/	/	/	/
24	IV	611212105025	PRIYADHARSHINI R	/	/	/	/	/	/	/	/	/	/
25	IV	611212105026	RAGHAVENDRA KUMAR N	/	/	/	/	/	/	/	/	/	/
26	IV	611212105027	RAJESHKANNAN C	/	/	/	/	/	/	/	/	/	/
27	IV	611212105028	RAMYA S	/	/	/	/	/	a	/	/	/	/
28	IV	611212105029	RAMYA S	/	/	/	/	/	/	/	/	/	/
29	IV	611212105030	SAKTHIVEL G	/	/	/	/	/	/	/	/	/	/
30	IV	611212105031	SARAVANAN R	/	/	/	/	/	/	/	/	/	/
31	IV	611212105032	SASIKALA C	/	/	/	/	/	/	/	/	/	/
32	IV	611212105033	SATHISHKUMAR M	/	/	/	/	/	/	/	/	/	/
33	IV	611212105034	SATHISHKUMAR P	/	/	/	/	/	a	/	/	/	/
34	IV	611212105035	SAVEENA DEVI V	/	/	/	/	/	/	/	/	/	/
35	IV	611212105036	SHRI RAM M J R	/	/	/	/	/	/	/	/	/	/
36	IV	611212105037	SOWMIYA M	/	/	/	/	a	/	/	/	/	/
37	IV	611212105038	SURESH D	/	/	/	/	/	/	/	/	/	/
38	IV	611212105039	TAMILARASAN K	/	/	/	/	/	/	/	/	/	/
39	IV	611212105040	UDHAYAKUMAR M	/	/	/	/	/	/	/	/	/	/
40	IV	611212105041	VAIJAYANTHI V	/	/	/	/	/	/	/	/	/	/
41	IV	611212105042	VAISHNAVI M	/	/	/	/	/	/	/	/	/	/
42	IV	611212105043	VASANTHKUMAR U	/	/	/	/	/	/	/	/	/	/

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Sl.No	Year	Register Number	Student Name	10.06.15	11.06.15	12.06.15	15.06.15	16.06.15	17.06.15	18.06.15	19.06.15	22.06.15	23.06.15
43	IV	611212105045	VIGNESH K	/	/	/	/	/	/	/	/	/	/
44	IV	611212105046	VIGNESH N	/	/	/	/	/	/	/	/	/	/
45	IV	611212105047	VIGNESHWARAN B	/	/	/	/	/	/	/	/	/	/
46	IV	611212105048	VIJAYAKUMAR S	/	/	/	/	/	/	/	/	/	/
47	IV	611212105049	VISAALINI K	/	/	/	/	/	/	/	/	/	/
48	IV	611212105050	VISHAL J S	/	/	/	/	/	a	/	/	/	/
49	IV	611212105051	YUVARANI G	/	/	/	/	/	/	/	/	/	/
50	IV	611212105301	AKSHAYA R	/	/	/	/	/	/	/	/	/	/
51	IV	611212105302	ARUNPRAKASH E.R.S	/	/	/	/	/	/	/	/	/	/
52	IV	611212105303	BOOPALAN.S	/	/	/	a	/	/	/	/	/	/
53	IV	611212105304	DEVISRI S	/	/	/	/	/	/	/	/	/	/
54	IV	611212105305	GOKULRAJ M	/	/	/	/	/	/	/	/	/	/
55	IV	611212105306	GOWTHAMAN P	/	/	/	/	/	/	/	/	/	/
56	IV	611212105307	JAWAHAR.S	/	/	/	/	/	/	a	/	/	/
57	IV	611212105308	NAVEENRAJA.P	/	/	/	/	/	/	/	/	/	/
58	IV	611212105309	POOVIZHI AZHAGAN K	/	/	/	/	/	/	/	/	/	/
59	IV	611212105310	PRAKASH V	/	/	/	/	/	/	/	/	/	/
60	IV	611212105311	RAGHAVENDRA S.S	/	/	/	/	/	/	/	a	/	/
61	IV	611212105313	SAMBU P	/	/	/	/	/	/	/	/	/	/
62	IV	611212105314	SANKARA NARAYANAN.U	/	/	/	/	/	/	/	/	/	/
63	IV	611212105315	SASIKUMAR. A	/	/	/	/	/	/	/	/	/	/
64	IV	611212105316	YASOTHA PRIYA R	/	/	/	/	/	/	/	/	/	/
			No. of Students Present	64	63	63	62	63	61	62	62	63	63
			No of Students Absent	NIL	01	01	02	01	03	02	02	01	01

HOD/EEE

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Problem Solving and Computer Programming through Career Refresh (Module II)

10.06.2015 - 23.06.2015 | Assessment Report

Sl. No	Year	Register Number	Student Name	Final Assessment %
1	III A	611213104001	ABHINAYA HARINI NM	83
2	III A	611213104004	ANANTHI S	71
3	III A	611213104009	BOOBALAN T	65
4	III A	611213104010	BUVANESHWARI B	71
5	III A	611213104014	GOKILA M	85
6	III A	611213104015	GOKILA R	87
7	III A	611213104016	GOKULAPRIYAN ANBUSELVAN	72
8	III A	611213104017	GOMATHI G	64
9	III A	611213104020	GOWTHAMAN K	88
10	III A	611213104022	HARIJOTHI J	78
11	III A	611213104023	HARIPRIYA M K	85
12	III A	611213104026	INDHU M	76
13	III A	611213104028	JAWAHAR K	79
14	III A	611213104030	KALAIYARASI G	74
15	III A	611213104031	KARTHIKA M	68
16	III A	611213104032	KARTHIKEYAN V	69
17	III A	611213104033	KAUSALYA S P	77
18	III A	611213104034	KEERTHANA R	79
19	III A	611213104035	KOKILA D	65
20	III A	611213104036	KUPPULAKSHMI A R	62
21	III A	611213104037	LOGANAPRIYA S	62
22	III A	611213104038	MANI BHARATHI S	85
23	III A	611213104042	MEYYAZHAGAN E	84
24	III A	611213104043	MOHANAPRIYA V	79
25	III A	611213104045	MOWNAPRIYA D	68
26	III A	611213104046	NAGAPRIYA N	75
27	III A	611213104302	ARULKUMAR K	79
28	III A	611213104303	BALAJI H.S.	85
29	III A	611213104307	NAVEEN GUPTHA H	85
30	III B	611213104047	NANDHINI T	82
31	III B	611213104049	NIRANCHANA S	62
32	III B	611213104053	POOVARASAN G	80
33	III B	611213104055	PRAKALYA M	64

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Kakapalayam (Po), Salem-637 504

34	III B	611213104059	RAMYA S	63
35	III B	611213104060	RENUKADEVI S	62
36	III B	611213104063	SAI DHARSAN P	71
37	III B	611213104066	SANGEETHA D	87
38	III B	611213104068	SANTHIYA V	83
39	III B	611213104069	SARAVANAN R	69
40	III B	611213104070	SENTHILKUMAR S	71
41	III B	611213104071	SHANMATHI A	84
42	III B	611213104073	SHRI INDUMATHI A K	83
43	III B	611213104076	SNEHA R	65
44	III B	611213104077	SOWMYA S	74
45	III B	611213104080	SURESH KUMAR R	86
46	III B	611213104081	SWATHI SRI M	83
47	III B	611213104082	TAMIZHARASAN P	74
48	III B	611213104085	VANITHA RANI N	67
49	III B	611213104086	VASANTH N	76
50	III B	611213104088	VETHA VARSHA S	79
51	III B	611213104089	VICKY A L	76
52	III B	611213104091	VIGNESWARAN R J	73
53	III B	611213104092	VIJAYAKUMAR M	80
54	III B	611213104306	KRISHHAN S	81
55	III B	611213104308	PADMAVATHY P	72
56	III B	611213104311	PRITHIVIRAJ G	74
57	III B	611213104701	POORNIMA U	67

**Max Marks - 100 | Min Marks - 60

Faculty Incharge

HOD

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Certificate of Completion

This is to certify that

HARIJOTHI J

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **10.06.2015 - 23.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504.

Training Head, Career Refresh

Certificate of Completion

This is to certify that

GOWTHAMAN K

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **10.06.2015 - 23.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

Certificate of Completion

This is to certify that

GOMATHI G

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **10.06.2015 - 23.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

Certificate of Completion

This is to certify that

HARIPRIYA M K

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **10.06.2015 - 23.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

Certificate of Completion

This is to certify that

INDHU M

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **10.06.2015 - 23.06.2015** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Karthika .M

Course Title: Problem Solving & Computer Programming through C (II)

Year/ Sem: 3/5

Dept : CSE

Date: 29.06.2015

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience	✓				
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

- Explanation was very good
- Easy to Understand

Suggestions for improvement:

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Poovarasan G.

Course Title: Problem Solving and Computer Programming through Course Refresh (MII)

Year/ Sem: 3/5

Dept : CSE

Date: 23/6/2015

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course		✓			
Course Delivery		✓			
Practical Experience	✓				
Additional resources available		✓	4✓		
Overall rating about lecture and Training			✓		

Positive points about the Lecture:

Interactive Session.
Good explanation.

Suggestions for improvement:

—

Principal
Knowledge Institute of Tech...
Kakapalayam (Po). Salem-637 504.

Poovarasan G.
(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Kokila. D

Course Title: Problem solving using Computer programming through Common refresh (ME).

Year/ Sem: III | V

Dept : CSE.

Date: 23/06/15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course		✓			
Course Delivery		✓			
Practical Experience			✓		
Additional resources available			✓		
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Problem solving, easy Understanding

Suggestions for improvement:

Need more problems to get more ideas.

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504.

Logena Priya. S.
(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Aranthi

Course Title: PROBLEM SOLVING AND COMPUTER PROGRAMMING THROUGH CAREER REFRESH (MID)

Year/ Sem: III/VI

Dept : CSE

Date: 23/06/2015

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Friendly, Knowledgable, Enjoyable

Suggestions for improvement:

Course Hour, Communication

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: PRAKALYA.M.

Course Title: PROBLEM SOLVING AND COMPUTER PROGRAMMING THROUGH CAREER REFRESH (MII)

Year/ Sem: III/V

Dept : CSE

Date: 23/6/15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓	✓		
Additional resources available					
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

EXPLANATION WAS VERY GOOD.
EASY TO UNDERSTAND THE CONCEPTS.

Suggestions for improvement:

—

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504

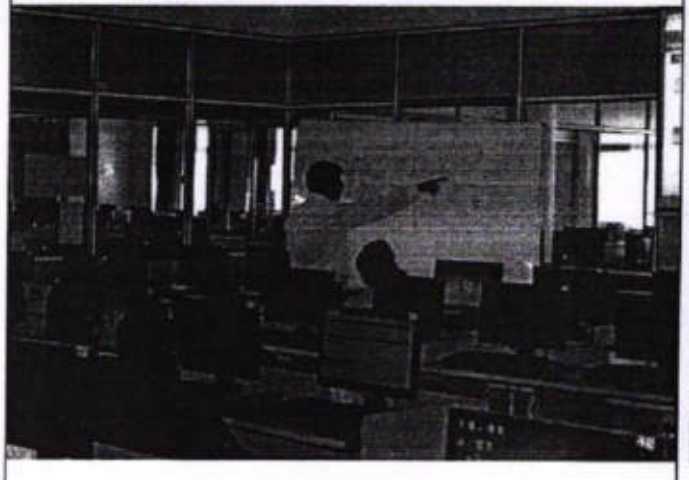
Department of Computer Science and Engineering

REPORT OF THE EVENT

Date	04.01.2016 - 11.01.2016	**Resource person**	Career Refresh, Coimbatore.
Time	9.00am – 5.00pm	**Title**	Application Development and Programming through Career Refresh
Venue	CC11, 12	**No. of Participants**	**127**

The Course Outcome are:

- Implement Object Oriented programming concept using basic syntaxes of control Structures, strings and function for developing skills of logic building activity.
- Identify classes, objects, members of a class and the relationships among them needed for a finding the solution to specific problem
- Demonstrates how to achieve reusability using inheritance, interfaces and packages and describes faster application development can be achieved.
- Demonstrate understanding and use of different exception handling mechanisms and concept of multithreading for robust faster and efficient application development.



Encl: Circular / Brochure / Attendance Sheet

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

Object-Oriented Programming

- Define modeling concepts: abstraction, encapsulation, and packages
- Discuss Java technology application code reuse
- Define class, member, attribute, method, constructor, and package
- Invoke a method on a particular object
- Use the Java technology API online documentation

Identifiers, Keywords, and Types

- Use comments in a source program
- Distinguish between valid and invalid identifiers
- Use the eight primitive types
- Define literal values for numeric and textual types
- Construct an object using new and describe default initialization
- Describe the significance of a reference variable

Expressions and Flow Control

- Distinguish between instance and local variables
- Describe how to initialize instance variables
- Recognize, describe, and use Java software operators
- Distinguish between legal and illegal assignments of primitive types
- Identify boolean expressions and their requirements in control constructs
- Use if, switch, for, while, and do constructions and the labeled forms of break and continue as flow control structures in a program

Arrays

- Declare and create arrays of primitive, class, or array types
- Explain how to initialize the elements of an array
- Determine the number of elements in an array
- Create a multidimensional array
- Write code to copy array values from one array to another

Class Design

- Define inheritance, polymorphism, overloading, overriding, and virtual method invocation
- Use the access modifiers protected and the default (package-friendly)
- Describe the concepts of constructor and method overloading

Advanced Class Features

- Create static variables, methods, and initializers
- Create final classes, methods, and variables
- Create abstract classes and methods
- Create and use an interface

Exceptions and Assertions

- Define exceptions
- Use try, catch, and finally statements
- Describe exception categories
- Identify common exceptions
- Develop programs to handle your own exceptions
- Enable assertions at runtime

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Collections and Generics Framework

- Describe the general purpose implementations of the core interfaces in the Collections framework
- Examine the Map interface
- Examine the legacy collection classes
- Create natural and custom ordering by implementing the Comparable and Comparator interfaces
- Refactor existing non-generic code

I/O Fundamentals

- Write a program that uses command-line arguments and system properties
- Examine the Properties class
- Construct node and processing streams, and use them appropriately
- Serialize and deserialize objects
- Distinguish readers and writers from streams, and select appropriately between them

Console I/ O and File I/O

- Read data from the console
- Write data to the console
- Describe files and file I/O

Building Java GUIs Using the Swing API

- Describe the JFC Swing technology
- Identify the Swing packages
- Describe the GUI building blocks: containers, components, and layout managers
- Examine components
- Examine layout managers
- Describe the Swing single-threaded model
- Build a GUI using Swing components

Handling GUI-Generated Events

- Define events and event handling
- Examine the Java SE event model
- Describe GUI behavior
- Determine the user action that originated an event
- Develop event listeners
- Describe concurrency in Swing-based GUIs and describe the features of the SwingWorker class

GUI-Based Applications

- Describe how to construct a menu bar, menu, and menu items in a Java GUI
- Understand how to change the color and font of a component

Threads

- Define a thread
- Create separate threads in a Java technology program, controlling the code and data that are used by that thread
- Describe the difficulties that might arise when multiple threads share data
- Use synchronized to protect data from corruption

25.12.2015
Salem

From

Prof.P.Malarvizhi,
Assistant Professor,
Department of Computer Science and Engineering
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CSE

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "Application Development and Programming through Career Refresh" from 04.01.2016 - 11.01.2016 for a period of 06 days with the duration of 45 hours. This course will be helpful for the skill development and placement of our III year students. In this regard, we request you to endowment as permission to conduct the course.

The course details are as follows:

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	COMPANY NAME
1	Application Development and Programming through Career Refresh	CC11, CC12 04.01.2016 -11.01.2016 & 9.00am – 5.00pm	Career Refresh, Coimbatore.

Thank you,

Yours truly,

25/12/15
HOD/CSE

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

PRINCIPAL

KNOWLEDGE INSTITUTE OF TECHNOLOGY

SALEM - 637 504

Department of Computer Science and Engineering

Circular No.	2015/CC/EVEN/05	**Date**	30.12.2015
To	All III year Students		
Name of the subject	Certificate Course on Application Development and Programming through Career Refresh		

This is to inform you that Department of Computer Science and Engineering in association with Oracle Academy has planned to conduct a **CERTIFICATE COURSE** on **Application Development and Programming** through Career Refresh for ALL the III year students. Interested students are requested to register their names to the course In-charge.

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	COMPANY NAME
1	Application Development and Programming through Career Refresh	CC11, CC12 04.01.2016 -11.01.2016 & 9.00am - 5.00pm	Career Refresh, Coimbatore.

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

FACULTY INCHARGE **HOD/CSE** **PRINCIPAL**

MECH	CIVIL	EEE	ECE	CSE	S&H	PD	LIB	AO	Transport I/C	Hostel NB	Residential Warden	College NB	Office/ File	Class Circulation
*	*	*	*	*	*		*			*		*	*	*

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504.

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Application Development and Programming through Career Refresh

04.01.2016 -11.01.2016

Enrolled Student NameList

Sl.No	Year	Register Number	Student Name
1	III A	611213104001	ABHINAYA HARINI NM
2	III A	611213104004	ANANTHI S
3	III A	611213104009	BOOBALAN T
4	III A	611213104010	BUVANESHWARI B
5	III A	611213104014	GOKILA M
6	III A	611213104016	GOKULAPRIYAN ANBUSELVAN
7	III A	611213104017	GOMATHI G
8	III A	611213104028	JAWAHAR K
9	III A	611213104030	KALAIYARASI G
10	III A	611213104031	KARTHIKA M
11	III A	611213104032	KARTHIKEYAN V
12	III A	611213104033	KAUSALYA S P
13	III A	611213104034	KEERTHANA R
14	III A	611213104035	KOKILA D
15	III A	611213104037	LOGANAPRIYA S
16	III A	611213104038	MANI BHARATHI S
17	III A	611213104042	MEYYAZHAGAN E
18	III A	611213104043	MOHANAPRIYA V
19	III A	611213104045	MOWNAPRIYA D
20	III A	611213104046	NAGAPRIYA N
21	III A	611213104302	ARULKUMAR K
22	III A	611213104303	BALAJI H.S.
23	III A	611213104307	NAVEEN GUPTHA H
24	III B	611213104047	NANDHINI T
25	III B	611213104049	NIRANCHANA S
26	III B	611213104053	POOVARASAN G
27	III B	611213104055	PRAKALYA M

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28	III B	611213104059	RAMYA S
29	III B	611213104060	RENUKADEVI S
30	III B	611213104070	SENTHILKUMAR S
31	III B	611213104076	SNEHA R
32	III B	611213104077	SOWMYA S
33	III B	611213104080	SURESH KUMAR R
34	III B	611213104081	SWATHI SRI M
35	III B	611213104082	TAMIZHARASAN P
36	III B	611213104085	VANITHA RANI N
37	III B	611213104089	VICKY A L
38	III B	611213104092	VIJAYAKUMAR M
39	III B	611213104306	KRISHHAN S
40	III B	611213104308	PADMAVATHY P
41	III B	611213104311	PRITHIVIRAJ G
42	III B	611213104701	POORNIMA U

Faculty Incharge

HOD

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Application Development and Programming through Career Refresh

SYLLABUS & SCHEDULE

Day	Session	Contents
DAY 1	AN	Object-Oriented Programming, abstraction, encapsulation, and packages, class, member, attribute, method, constructor, and package, API
DAY 2	AN	Identifiers, Keywords, and Types, valid and invalid identifiers, eight primitive types, literal values for numeric and textual types, default initialization, reference variable
DAY 3	AN	Expressions and Flow Control, instance and local variables, variables, Java software operators, legal and illegal assignments of primitive types,
DAY 4	AN	boolean expressions, if, switch, for, while, and do , Arrays, arrays of primitive, class, or array types, multidimensional array,
DAY 5	AN	Class Design, inheritance, polymorphism, overloading, overriding, and virtual method invocation, method overloading,
DAY 6	AN	Advanced Class Features, static variables, methods, and initializers, final classes, methods, and variables, abstract classes and methods
DAY 7	AN	Exceptions and Assertions, Collections and Generics Framework, Collections framework, Map interface, legacy collection classes
DAY 8	AN	Console I/ O and File I/O, Read data from the consoledata to the console, files and file I/O
DAY 9	AN	Building Java GUIs Using the Swing API, the JFC Swing technology the Swing packages
DAY 10	AN	Handling GUI-Generated Events, events and event handling, GUI behavior, event listeners, concurrency, GUI-Based Applications
DAY 11	AN	construct a menu bar, menu, and menu items in a Java GUI, Understand change the color and font of a component, Threads

Course Cordinator

HOD

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Kakapalayam (Po), Salem-637 504

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Application Development and Programming through Career Refresh

04.01.2016 - 11.01.2016 | Course Attendance

Sl.No	Year	Register Number	Student Name	4.1.16	5.1.16	6.1.16	7.1.16	8.1.16	11.1.16
1	III A	611213104001	ABHINAYA HARINI NM						
2	III A	611213104004	ANANTHI S						
3	III A	611213104009	BOOBALAN T						
4	III A	611213104010	BUVANESHWARI B						
5	III A	611213104014	GOKILA M						
6	III A	611213104016	GOKULAPRIYAN ANBUSELVAN						
7	III A	611213104017	GOMATHI G						
8	III A	611213104028	JAWAHAR K						
9	III A	611213104030	KALAIYARASI G						
10	III A	611213104031	KARTHIKA M						
11	III A	611213104032	KARTHIKEYAN V						
12	III A	611213104033	KAUSALYA S P						
13	III A	611213104034	KEERTHANA R						
14	III A	611213104035	KOKILA D						
15	III A	611213104037	LOGANAPRIYA S						
16	III A	611213104038	MANI BHARATHI S						
17	III A	611213104042	MEYYAZHAGAN E						
18	III A	611213104043	MOHANAPRIYA V						
19	III A	611213104045	MOWNAPRIYA D						
20	III A	611213104046	NAGAPRIYA N						
21	III A	611213104302	ARULKUMAR K						
22	III A	611213104303	BALAJI H.S.						
23	III A	611213104307	NAVEEN GUPTHA H						
24	III B	611213104047	NANDHINI T						
25	III B	611213104049	NIRANCHANA S						
26	III B	611213104053	POOVARASAN G						
27	III B	611213104055	PRAKALYA M						
28	III B	611213104059	RAMYA S						
29	III B	611213104060	RENUKADEVI S						
30	III B	611213104070	SENTHILKUMAR S						

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31	III B	611213104076	SNEHA R							
32	III B	611213104077	SOWMYA S							
33	III B	611213104080	SURESH KUMAR R							
34	III B	611213104081	SWATHI SRI M							
35	III B	611213104082	TAMIZHARASAN P							
36	III B	611213104085	VANITHA RANI N							
37	III B	611213104089	VICKY A L							
38	III B	611213104092	VIJAYAKUMAR M							
39	III B	611213104306	KRISHHAN S							
40	III B	611213104308	PADMAVATHY P							
41	III B	611213104311	PRITHIVIRAJ G							
42	III B	611213104701	POORNIMA U							
			NO OF STUDENTS PRESENT	41	41	40	42	40	41	
			NO OF STUDENTS ABSENT	1	1	2	—	2	1	

Faculty Incharge

HOD

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Application Development and Programming through Career Refresh

04.01.2016 - 11.01.2016 | Assessment Report

Sl.No	Year	Register Number	Student Name	Final Assessment %
1	III A	611213104001	ABHINAYA HARINI NM	72
2	III A	611213104004	ANANTHI S	67
3	III A	611213104009	BOOBALAN T	77
4	III A	611213104010	BUVANESHWARI B	69
5	III A	611213104014	GOKILA M	78
6	III A	611213104016	GOKULAPRIYAN ANBUSELVAN	77
7	III A	611213104017	GOMATHI G	66
8	III A	611213104028	JAWAHAR K	79
9	III A	611213104030	KALAIYARASI G	75
10	III A	611213104031	KARTHIKA M	81
11	III A	611213104032	KARTHIKEYAN V	82
12	III A	611213104033	KAUSALYA S P	70
13	III A	611213104034	KEERTHANA R	73
14	III A	611213104035	KOKILA D	76
15	III A	611213104037	LOGANAPRIYA S	65
16	III A	611213104038	MANI BHARATHI S	67
17	III A	611213104042	MEYYAZHAGAN E	66
18	III A	611213104043	MOHANAPRIYA V	79
19	III A	611213104045	MOWNAPRIYA D	68
20	III A	611213104046	NAGAPRIYA N	72
21	III A	611213104302	ARULKUMAR K	63
22	III A	611213104303	BALAJI H.S.	67
23	III A	611213104307	NAVEEN GUPTHA H	67
24	III B	611213104047	NANDHINI T	76
25	III B	611213104049	NIRANCHANA S	84
26	III B	611213104053	POOVARASAN G	81
27	III B	611213104055	PRAKALYA M	82
28	III B	611213104059	RAMYA S	66
29	III B	611213104060	RENUKADEVI S	77
30	III B	611213104070	SENTHILKUMAR S	65

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31	III B	611213104076	SNEHA R	75
32	III B	611213104077	SOWMYA S	69
33	III B	611213104080	SURESH KUMAR R	73
34	III B	611213104081	SWATHI SRI M	68
35	III B	611213104082	TAMIZHARASAN P	67
36	III B	611213104085	VANITHA RANI N	65
37	III B	611213104089	VICKY A L	63
38	III B	611213104092	VIJAYAKUMAR M	84
39	III B	611213104306	KRISHHAN S	83
40	III B	611213104308	PADMAVATHY P	69
41	III B	611213104311	PRITHIVIRAJ G	84
42	III B	611213104701	POORNIMA U	62

**Max Marks - 100 | Min Marks - 60

Faculty Incharge

HOD

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Certificate of Completion

This is to certify that

POORNIMA U

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during **04.01.2016 - 11.01.2016** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 5[illegible]

Training Head, Career Refresh

Certificate of Completion

This is to certify that

PRITHIVIRAJ G

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during **04.01.2016 - 11.01.2016** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637

Training Head, Career Refresh

Certificate of Completion

This is to certify that

PADMAVATHY P

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during **04.01.2016 - 11.01.2016** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 50

Training Head, Career Refresh

Certificate of Completion

This is to certify that

KRISHHAN S

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during **04.01.2016 - 11.01.2016** at college premises.

CAREER REFRESH

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Training Head, Career Refresh

Certificate of Completion

This is to certify that

VIJAYAKUMAR M

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during **04.01.2016 - 11.01.2016** at college premises.

CAREER REFRESH

Training Head, Career Refresh

Principal
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504.

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Senthil kumar. S.

Course Title: ADP

Year/ Sem: IV | V

Dept : CSE.

Date: 11.1.16.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Good experience gained.

Explanation super & useful

Suggestions for improvement:

—

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Senthil Kumar

(Signature of the student)

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Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Prakalya. M.

Course Title: Application Development + Programming through Coursera Refresh.

Year/ Sem: IV/5

Dept : CSE

Date: 11.1.16.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available			✓		
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Good explanation.
Syntax were easy to understand

Suggestions for improvement:

—

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: S. Ramya

Course Title: Application Development and programming through Career Refresh.

Year/ Sem: IV / 8th.

Dept : CSE

Date: 11.01.2016

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available			✓		
Overall rating about lecture and Training			✓		

Positive points about the Lecture:

Better way to learn.

Explanation was nice.

Suggestions for improvement:

Need More materials for practise.

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Ramya. S
(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: G. Kalaiyarasi

Course Title: Application Development and Programming through Career Refresh.

Year/ Sem: IV/8

Dept : CSE

Date: 11.1.2016

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Explained clearly with many instances and useful.

Suggestions for improvement:

—

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Kalaiyarasi. G.

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Nageshwaran. D.

Course Title: Application Development & Programming through Career Refresh.

Year/ Sem: IV / 8

Dept : CSE

Date: 11.1.2016

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery	✓	✓			
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Explanation are good.
Easy to learn syntax

Suggestions for improvement:

Need more examples.

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504

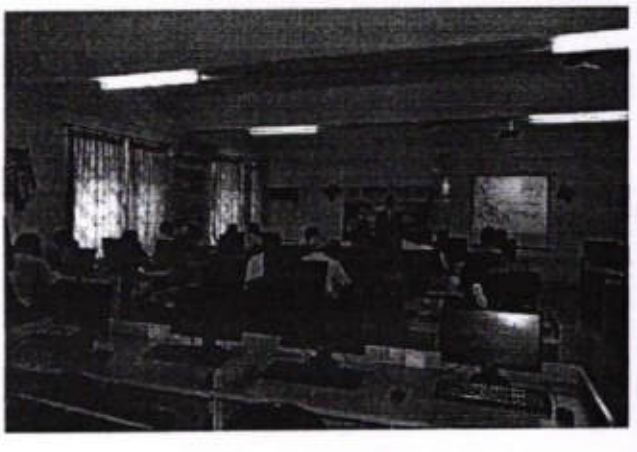
Department of Computer Science and Engineering

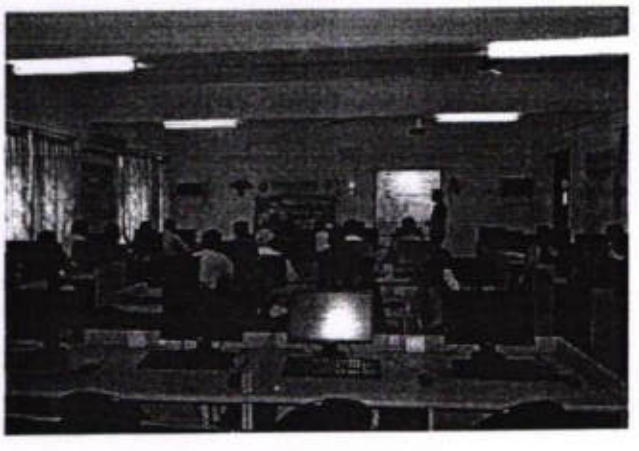
REPORT OF THE EVENT

Date	04.01.2016 - 11.01.2016	**Resource person**	Veekan Technologies, Chennai.
Time	9.00am – 5.00pm	**Title**	Design and System Programming - Veekan Technologies
Venue	CC7, 8	**No. of Participants**	**38**

The Course Outcome are:

- Select appropriate data structures as applied to specified problem definition.
- Implement operations like searching, insertion, and deletion, traversing mechanism etc. on various data structures.
- Students will be able to implement linear and Non-Linear data structures.
- Implement appropriate sorting/searching technique for given problem.
- Design advance data structure using Non-Linear data structure.
- Determine and analyze the complexity of given Algorithms.





Encl: Circular / Brochure / Attendance Sheet

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

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

Design and System Programming - Veekan Technologies

Veekan TECHNOLOGIES

Course Syllabus

Introduction to Abstract Data Types and analysis of different algorithms

- ✓ Review of elementary data types and structures in C. The Array data type and the importance of Random Access.
- ✓ Searching an array: linear and binary search. Sorting: Merge Sort, and analysis

ADT Array -- searching and sorting on arrays.

- ✓ Review of Pointers in C. The Linked list ADT.
- ✓ Searching a linked list, inserting and deleting from a linked list. Application: representing a univariate polynomial, and adding two univariate polynomials

ADT Linked Lists, Stacks, Queues.

- ✓ List manipulation algorithms: reversal of a list, use of recursion to reverse/search. Doubly linked lists, circular linked lists.
- ✓ Stack and Queue ADT, comparison of implementation using arrays and linked lists.

Binary Trees

- ✓ Tree ADT representation, traversal, application of binary trees in Huffman coding.
- ✓ Introduction to expression trees: Recursive traversal depth, height, and number of nodes. post/pre/infix notation.

Dictionary

- ✓ Binary search trees search, insertion and deletion
- ✓ Balanced binary search trees.

ADT Priority queues

- ✓ Heap ADT implementation and Heapsort, in place sorting.
- ✓ Heaps for maintaining interval trees.

Graphs

- ✓ Representations or relations using matrices. The Graph ADT and applications
- ✓ Transitive closure, Flyod Warshall's algorithm and applications connectivity and spanning trees.

Advanced topics options for the teacher

- ✓ Adj. List representation of a Graph. Breadth First Search traversal and identification of shortest paths.
- ✓ Depth First Search recursive specification and application to finding articulation points.

Principal,
Knowledge Institute of Techno
Kakapalayam (Po), Salem-63

24.12.2015
Salem

From

Prof.P.Malarvizhi,
Assistant Professor,
Department of Computer Science and Engineering
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CSE

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "Design and System Programming - Veekan Technologies" from 04.01.2016 -11.01.2016 for a period of 06 days with the duration of 48 hours. This course will be helpful for the skill development and placement of our II year students. In this regard, we request you to endowment as permission to conduct the course.

The course details are as follows:

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	Company Name
1	Design and System Programming - Veekan Technologies	CC7, CC8 04.01.2016 -11.01.2016 & 9.00am – 5.00pm	Veekan Technologies, Chennai.

Thank you,

Yours truly,

24/12/15
HOD/CSE

PRINCIPAL

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637

KNOWLEDGE INSTITUTE OF TECHNOLOGY

SALEM - 637 504

Department of Computer Science and Engineering

Circular No.	2015/CC/EVEN/04	**Date**	29.12.2015
To	All II year Students		
Name of the subject	Certificate Course on Design and System Programming - Veekan Technologies		

This is to inform you that Department of Computer Science and Engineering in association with Oracle Academy has planned to conduct a **CERTIFICATE COURSE** on **Design and System Programming** - Veekan Technologies for ALL the II year students. Interested students are requested to register their names to the course In-charge.

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	Company Name
1	Design and System Programming - Veekan Technologies	CC7, CC8 04.01.2016 -11.01.2016 & 9.00am – 5.00pm	Veekan Technologies, Chennai.

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

FACULTY INCHARGE **HOD/CSE** **PRINCIPAL**

MECH	CIVIL	EEE	ECE	CSE	S&H	PD	LIB	AO	Transport I/C	Hostel NB	Residential Warden	College NB	Office/ File	Class Circulation
*	*	*	*	*	*		*			*		*	*	*

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Design and System Programming - Veekan Technologies

04.01.2016 - 11.01.2016

Enrolled Student NameList

Sl.No	Year	Register Number	Student Name
1	II A	611214104002	ARAVIND KUMAR.S
2	II A	611214104003	ARUN .N
3	II A	611214104011	GIRIDHARAN.V
4	II A	611214104014	GOPINATH. M
5	II A	611214104017	HEMAPRABHA. R
6	II A	611214104022	JANANI .R
7	II A	611214104025	KAVIPRIYA.A
8	II A	611214104037	MATHI PRIYA .J
9	II A	611214104040	MUNIDEEPACK .V
10	II A	611214104048	NAVEEN.K
11	II A	611214104056	PRIYADHARSHINI.S
12	II A	611214104060	RAAGHUL. K
13	II A	611214104070	SASIMADHUMITHA.B
14	II A	611214104077	SOUNDARYA.K
15	II A	611214104078	SOUNDARYA DEVI.M
16	II A	611214104079	SOUNDRAVALLI.M
17	II A	611214104093	VIGNESHWARI .J
18	II A	611214104095	YAMINI. G
19	II B	611214104001	ANITHA. P
20	II B	611214104008	DHANOOJA.R
21	II B	611214104010	ELAMATHI.M
22	II B	611214104015	GOWTHAM. S
23	II B	611214104018	INDHUMATHI. P
24	II B	611214104026	KAVIPRIYA .M
25	II B	611214104035	MADHESH RAJ.S
26	II B	611214104043	NANDHINI .N
27	II B	611214104044	NANDHINI.R.S

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Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504.

28	II B	611214104050	PADMA PRIYA. G
29	II B	611214104054	PRIYADARSHINI .M
30	II B	611214104059	PUNITHA M
31	II B	611214104062	RANJITHA R
32	II B	611214104068	SANTHOSH.A.R
33	II B	611214104072	SATHICK IBRAHIM.S
34	II B	611214104083	SRI SOWMYA.M
35	II B	611214104087	SURYA.S
36	II B	611214104091	USHARANI.T
37	II B	611214104305	MEGARAJ.R
38	II B	611214104310	SUHASHINI. A

Faculty Incharge

04/01/16
HOD

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Design and System Programming - Veekan Technologies

SYLLABUS & SCHEDULE

Day	Session	Contents
DAY 1	FN	Introduction to Abstract Data Types and analysis of different algorithms
	AN	Searching an array: linear and binary search. Sorting: Merge Sort, and analysis
DAY 2	FN	ADT Array -- searching and sorting on arrays, Review of Pointers in C. The Linked list ADT.
	AN	ADT Linked Lists, Stacks, Queues, reverse/search. Doubly linked lists, circular linked lists.
DAY 3	FN	Stack and Queue ADT, comparison of implementation using arrays and linked lists
	AN	Binary Trees, Tree ADT representation, traversal, application of binary trees in Huffman coding.
DAY 4	FN	Expression trees: Recursive traversal depth, height, and number of nodes. post/pre/infix notation.
	AN	Dictionary, ADT Priority queues, Heap ADT implementation and Heapsort, in place sorting, Heaps for maintaining interval trees
DAY 5	FN	Graphs, matrices. The Graph ADT and applications
	AN	Flyod Warshall's algorithm and applications
DAY 6	FN	List representation of a Graph. Breadth First Search traversal and identification of shortest paths.
	AN	Depth First Search recursive specification and application to finding articulation points.

Course Cordinator

HOD

Principal,
Knowledge Institute of Tech...
Kakapalayam (Po), Salem-637

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Design and System Programming - Veekan Technologies

04.01.2016 - 11.01.2016 | Course Attendance

Sl.No	Year	Register Number	Student Name	4.1.16	5.1.16	6.1.16	7.1.16	8.1.16	11.1.16
1	II A	611214104002	ARAVIND KUMAR.S	1	1	1	1	1	1
2	II A	611214104003	ARUN .N	1	1	1	1	1	1
3	II A	611214104011	GIRIDHARAN.V	1	1	1	1	1	1
4	II A	611214104014	GOPINATH. M	1	1	1	1	1	1
5	II A	611214104017	HEMAPRABHA. R	1	1	1	1	1	1
6	II A	611214104022	JANANI .R	1	1	1	1	1	1
7	II A	611214104025	KAVIPRIYA.A	1	1	1	1	1	1
8	II A	611214104037	MATHI PRIYA .J	1	1	1	1	1	1
9	II A	611214104040	MUNIDEEPACK .V	a	1	1	1	1	1
10	II A	611214104048	NAVEEN.K	1	1	1	1	1	1
11	II A	611214104056	PRIYADHARSHINI.S	1	1	1	1	1	1
12	II A	611214104060	RAAGHUL. K	1	1	1	1	1	1
13	II A	611214104070	SASIMADHUMITHA.B	1	1	1	1	1	1
14	II A	611214104077	SOUNDARYA.K	1	1	1	1	1	1
15	II A	611214104078	SOUNDARYA DEVI.M	1	1	1	1	1	1
16	II A	611214104079	SOUNDRAVALLI.M	1	1	1	1	1	1
17	II A	611214104093	VIGNESHWARI .J	1	1	1	1	1	1
18	II A	611214104095	YAMINI. G	1	1	1	1	1	1
19	II B	611214104001	ANITHA. P	1	1	1	1	1	1
20	II B	611214104008	DHANOOJA.R	1	1	1	1	1	1
21	II B	611214104010	ELAMATHI.M	1	1	1	1	1	1
22	II B	611214104015	GOWTHAM. S	1	1	1	1	1	1
23	II B	611214104018	INDHUMATHI. P	1	1	a	1	1	1
24	II B	611214104026	KAVIPRIYA .M	1	1	1	1	1	1
25	II B	611214104035	MADHESH RAJ.S	1	1	1	1	1	1
26	II B	611214104043	NANDHINI .N	1	1	1	1	1	1
27	II B	611214104044	NANDHINI.R.S	1	1	1	1	1	1
28	II B	611214104050	PADMA PRIYA. G	1	1	1	1	1	1
29	II B	611214104054	PRIYADARSHINI .M	1	1	1	1	1	1
30	II B	611214104059	PUNITHA M	1	1	1	1	1	a

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Kakapalayam (Po), Salem-637 504

31	II B	611214104062	RANJITHA R	/	/	/	/	/	/
32	II B	611214104068	SANTHOSH.A.R	/	/	/	/	/	/
33	II B	611214104072	SATHICK IBRAHIM.S	/	/	/	/	/	/
34	II B	611214104083	SRI SOWMYA.M	/	/	/	/	/	/
35	II B	611214104087	SURYA.S	/	/	a	/	/	/
36	II B	611214104091	USHARANI.T	/	/	/	/	/	/
37	II B	611214104305	MEGARAJ.R	/	/	/	/	/	/
38	II B	611214104310	SUHASHINI. A	/	/	/	/	/	/
			NO OF STUDENTS PRESENT	37	38	36	38	38	37
			NO OF STUDENTS ABSENT	1	-	2	-	-	1

Faculty Incharge

11/1/16

HOD

KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Design and System Programming - Veekan Technologies

04.01.2016 - 11.01.2016 | Assessment Report

Sl.No	Year	Register Number	Student Name	Final Assessment %
1	II A	611214104002	ARAVIND KUMAR.S	74
2	II A	611214104003	ARUN .N	64
3	II A	611214104011	GIRIDHARAN.V	83
4	II A	611214104014	GOPINATH. M	62
5	II A	611214104017	HEMAPRABHA. R	75
6	II A	611214104022	JANANI .R	65
7	II A	611214104025	KAVIPRIYA.A	84
8	II A	611214104037	MATHI PRIYA .J	86
9	II A	611214104040	MUNIDEEPACK .V	84
10	II A	611214104048	NAVEEN.K	79
11	II A	611214104056	PRIYADHARSHINI.S	65
12	II A	611214104060	RAAGHUL. K	73
13	II A	611214104070	SASIMADHUMITHA.B	70
14	II A	611214104077	SOUNDARYA.K	73
15	II A	611214104078	SOUNDARYA DEVI.M	75
16	II A	611214104079	SOUNDRAVALLI.M	80
17	II A	611214104093	VIGNESHWARI .J	66
18	II A	611214104095	YAMINI. G	76
19	II B	611214104001	ANITHA. P	70
20	II B	611214104008	DHANOOJA.R	70
21	II B	611214104010	ELAMATHI.M	71
22	II B	611214104015	GOWTHAM. S	81
23	II B	611214104018	INDHUMATHI. P	70
24	II B	611214104026	KAVIPRIYA .M	80
25	II B	611214104035	MADHESH RAJ.S	78
26	II B	611214104043	NANDHINI .N	70
27	II B	611214104044	NANDHINI.R.S	79
28	II B	611214104050	PADMA PRIYA. G	69
29	II B	611214104054	PRIYADARSHINI .M	66
30	II B	611214104059	PUNITHA M	68

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31	II B	611214104062	RANJITHA R	77
32	II B	611214104068	SANTHOSH.A.R	69
33	II B	611214104072	SATHICK IBRAHIM.S	74
34	II B	611214104083	SRI SOWMYA.M	79
35	II B	611214104087	SURYA.S	79
36	II B	611214104091	USHARANI.T	70
37	II B	611214104305	MEGARAJ.R	62
38	II B	611214104310	SUHASHINI. A	86

**Max Marks - 100 | Min Marks - 60

Faculty Incharge

HOD

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

CERTIFICATE
OF COMPLETION

PRESENTED TO

MATHI PRIYA .J

For the Successful Completion of Certificate Course on

Design and System Programming

Course Duration: **04.01.2016 - 11.01.2016**

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637

Program director

Veekan Technologies
2nd Main Road, Indira Nagar,
Adyar, Chennai - 600020

CERTIFICATE
OF COMPLETION

PRESENTED TO

MUNIDEEPACK .V

For the Successful Completion of Certificate Course on

Design and System Programming

Course Duration: **04.01.2016 - 11.01.2016**

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Program director

Veekan Technologies
2nd Main Road, Indira Nagar,
Adyar, Chennai - 600020

CERTIFICATE
OF COMPLETION

PRESENTED TO

NAVEEN.K

For the Successful Completion of Certificate Course on

Design and System Programming

Course Duration: **04.01.2016 - 11.01.2016**

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 5[illegible]

Program director

Veekan Technologies
2nd Main Road, Indira Nagar,
Adyar, Chennai - 600020

CERTIFICATE
OF COMPLETION

PRESENTED TO

PRIYADHARSHINI.S

For the Successful Completion of Certificate Course on

Design and System Programming

Course Duration: **04.01.2016 - 11.01.2016**

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Program director

Veekan Technologies
2nd Main Road, Indira Nagar,
Adyar, Chennai - 600020

CERTIFICATE
OF COMPLETION

PRESENTED TO

RAAGHUL. K

For the Successful Completion of Certificate Course on

Design and System Programming

Course Duration: **04.01.2016 - 11.01.2016**

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Program director

Veekan Technologies
2nd Main Road, Indira Nagar,
Adyar, Chennai - 600020

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: ARUN. N

Course Title: Design & System Programming Veelan technologies

Year/ Sem: II/03

Dept : CSE

Date: 11/1/16

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience	✓				
Additional resources available	✓				
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Gain More Knowledge

Suggestions for improvement:

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Aravind Kumar.S

Course Title: DESIGN & SYSTEM PROGRAMMING VEEKAN TECHNOLOGIES

Year/ Sem: 02/03

Dept : CSE

Date: 11.01.2016

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available			✓		
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Explanation was so good.

Suggestions for improvement:

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Pradna Priya. G.

Course Title: Design and System programing, Veelam Technologies

Year/ Sem: 2nd / 3rd.

Dept : CSE.

Date: 18/01/16

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Easy to understand

Examples are good

Suggestions for improvement:

—

Pradna Priya. G

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: YAMUNA G.

Course Title: DESIGN AND SYSTEM PROGRAMMING - VEEKAN TECHNOLOGIES.

Year/ Sem: II/III

Dept : CSE

Date: 11/1/16.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available			✓		
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Explanation with. real-time. Examples. is good. and. understandable.

Suggestions for improvement:

Need more materials (or) Notes

Yamuna G.

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Gopinath. M.

Course Title: Design and System programming - Veakan Technologies

Year/ Sem: II / III

Dept : CSE

Date: 11.1.16.

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience			✓		
Additional resources available		✓			
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Easy to understand.

Suggestions for improvement:

Need more material.

(Signature of the student)

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504

Department of Computer Science and Engineering

REPORT OF THE EVENT

Date	07.07.2015 - 16.07.2015	**Resource person**	Prof.T.Karthikeyan, Asst. Professor, Dept of CSE
Time	9.00am – 5.00pm	**Title**	Database Design and Programming with SQL using Oracle WDP
Venue	CC11, 12	**No. of Participants**	**48**

This course engages students to analyze complex business scenarios and create a data model - a conceptual representation of an organization's information. Participants implement their database design by creating a physical database using SQL. Basic SQL syntax and the rules for constructing valid SQL statements are reviewed. This course culminates with a project that challenges students to design, implement, and demonstrate a database solution for a business or organization.

Encl: Circular / Brochure / Attendance Sheet

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

Database Design and Programming with SQL – Course Description

Overview

This course engages students to analyze complex business scenarios and create a data model—a conceptual representation of an organization's information. Participants implement their database design by creating a physical database using SQL. Basic SQL syntax and the rules for constructing valid SQL statements are reviewed. This course culminates with a project that challenges students to design, implement, and demonstrate a database solution for a business or organization.

Duration

- Total Course Time: 60 hours*

Target Audience - Students

- Students who wish to learn the techniques and tools to design, guild and extract information from a database
- Students who possess basic mathematical, logical, and analytical problem-solving skills
- Novice programmers, as well as those at advanced levels, to learning the SQL Programming language to an advanced level

Prerequisites

Required

- Ease with using a computer
- General knowledge of databases and query activity

Suggested

- None

Suggested Next Courses

- Database Programming with PL/SQL

Lesson-by-Lesson Topics

Database Design

Introduction
- Introduction to the Oracle Academy
- Data vs. Information
- History of the Database
- Major Transformations in Computing

Entities and Attributes
- Conceptual and Physical Models
- Entities, Instances, Attributes, and Identifiers
- Entity Relationship Modeling and ERDs

Relationship Basics
- Identifying Relationships
- ER Diagramming Conventions
- Speaking ERDish & Drawing Relationships
- Matrix Diagrams

Super/Sub Types and Business Rules
- Supertypes and Subtypes
- Documenting Business Rules

Relationship Fundamentals
- Relationship Transferability
- Relationship Types
- Resolving Many-to-Many Relationships
- Understanding CRUD Requirements

UIDs and Normalization
- Artificial, Composite, and Secondary UIDs
- Normalization and First Normal Form
- Second Normal Form
- Third Normal Form

Arcs, Hierarchies, and Recursive Modeling
- Arcs
- Hierarchies and Recursive Relationships

Changes and Historical Modeling
- Modeling Historical Data
- Modeling Change: Time
- Modeling Change: Price
- Drawing Conventions for Readability

Mapping
- Introduction to Relational Database Concepts
- Basic Mapping: The Transformation Process

- Relationship Mapping
- Subtype Mapping

Creating Database Projects
- System Development Life Cycle
- Project Overview and Getting Started
- Presentation Project Management
- Final Presentation Components

Presenting Database Projects
- Creating Tables for the Final Presentation
- Preparing Written Documentation
- Preparing Visual Materials
- Final Presentations

Database Programming with SQL

Introduction
- Oracle Application Express
- Relational Database Technology
- Anatomy of a SQL Statement

SELECT and WHERE
- Columns, Characters, and Rows
- Limit Rows Selected
- Comparison Operators

WHERE, ORDER BY, and Intro to Functions
- Logical Comparisons and Precedence Rules
- Sorting Rows
- Introduction to Functions

Single Row Functions Part I
- Case and Character Manipulation
- Number Functions
- Date Functions

Single Row Functions Part II
- Conversion Functions
- NULL Functions
- Conditional Expressions

JOINs
- Cross Joins and Natural Joins
- Join Clauses
- Inner versus Outer Joins
- Self-Joins and Hierarchical Queries
- Oracle Equijoin and Cartesian Product
- Oracle Nonequijoins and Outer Joins

Group Functions
- Group Functions
- Oracle Nonequijoins and Outer Joins
- Using Group By and Having Clauses
- Using Rollup and Cube Operations, and Grouping Sets
- Using Set Operators

Subqueries
- Fundamentals of Subqueries
- Single-Row Subqueries
- Multiple-Row Subqueries
- Correlated Subqueries

Ensuring Quality Queries Part I
- Ensuring Quality Query Results

DML
- INSERT Statements
- Updating Column Values and Deleting Rows
- DEFAULT Values, MERGE, and Multi-Table Inserts

DDL
- Creating Tables
- Using Data Types
- Modifying a Table

Constraints
- Intro to Constraints; NOT NULL and UNIQUE Constraints
- PRIMARY KEY, FOREIGN KEY, and CHECK Constraints
- Managing Constraints

Views
- Creating Views
- DML Operations and Views
- Managing Views

Sequences and Synonyms
- Working With Sequences
- Indexes and Synonyms

Privileges and Regular Expressions
- Controlling User Access
- Creating and Revoking Object Privileges
- Regular Expressions

TCL
- Database Transactions

Final Exam

26.06.2015
Salem

From

Prof.P.Malarvizhi,
Assistant Professor,
Department of Computer Science and Engineering
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CSE

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "Database Design and Programming with SQL using Oracle iLearning" from 07.07.2015 - 16.08.2015 for a period of 10 days with the duration of 60 hours. This course will be helpful for the skill development and placement of our IV year students. In this regard, we request you to endowment as permission to conduct the course.

The course details are as follows:

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	RESOURCE PERSON
1	Certificate Course on Database Design and Programming with SQL using Oracle iLearning	CC11, CC12 07.07.2015 -16.08.2015 & 9.00am - 5.00pm	**Prof.T.Karthikeyan,** Assistant Professor, Department of Computer Science and Engineering

Thank you,

Yours truly,

HOD/CSE

PRINCIPAL

KNOWLEDGE INSTITUTE OF TECHNOLOGY

SALEM - 637 504

Department of Computer Science and Engineering

Circular No.	2015/CC/ODD/03	**Date**	30.06.2015
To	All IV year Students		
Name of the subject	Certificate Course on Database Design and Programming with SQL using Oracle iLearning		

This is to inform you that Department of Computer Science and Engineering in association with Oracle Academy has planned to conduct a **CERTIFICATE COURSE** on **Database Design and Programming with SQL using Oracle iLearning** for ALL the IV year students. Interested students are requested to register their names to the course In-charge.

SL. NO.	NAME OF THE PROGRAM	VENUE DATE & TIME	RESOURCE PERSON
1	Certificate Course on Database Design and Programming with SQL using Oracle iLearning	CC11, CC12 07.07.2015 -16.08.2015 & 9.00am – 5.00pm	**Prof.T.Karthikeyan,** Assistant Professor, Department of Computer Science and Engineering

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

FACULTY INCHARGE **HOD/CSE** **PRINCIPAL**

MECH	CIVIL	EEE	ECE	CSE	S&H	PD	LIB	AO	Transport I/C	Hostel NB	Residential Warden	College NB	Office / File	Class Circulation
*	*	*	*	*	*		*			*		*	*	*

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Database Design and Programming with SQL using Oracle WDP

07.07.2015 - 16.08.2015

Enrolled Student NameList

Sl.No	Year	Register Number	Student Name
1	IV A	611212104003	ANBARASU D
2	IV A	611212104007	BANUMATHI R
3	IV A	611212104009	BHARATHI K M
4	IV A	611212104012	DHARVESHMYDEEN K
5	IV A	611212104014	DIVYA KANNIGA S
6	IV A	611212104016	ELAKKIYA A
7	IV A	611212104019	GIRIJA T
8	IV A	611212104021	GOPALAKRISHNAN E
9	IV A	611212104023	HABIPRIYA S
10	IV A	611212104028	KAMALESH M
11	IV A	611212104029	KARTHIKA S
12	IV A	611212104031	KEERTHANA K
13	IV A	611212104032	KEERTHANA S
14	IV A	611212104035	KIRUTHIKA G
15	IV A	611212104037	KOUSHIKAA M
16	IV A	611212104038	KOWSALYA S
17	IV A	611212104040	KUMARESAN E
18	IV A	611212104042	MADHUBALA G
19	IV A	611212104043	MADHUBALAA B
20	IV A	611212104047	MONIKA P
21	IV A	611212104048	MUKILAN K
22	IV A	611212104051	NAVANEETHAKRISHNAN S
23	IV A	611212104302	BHUVANESHWARI A
24	IV A	611212104304	JAYAPRAKASH S
25	IV A	611212104306	MOHANRAJ E
26	IV A	611212104311	SELVAKUMAR M
27	IV A	611212104313	SRINIVASAN.P

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Kakapalayam (Po), Salem-637 504

28	IV B	611212104054	PARTHIBAN S
29	IV B	611212104056	PAVITHRA T
30	IV B	611212104059	PRABHU S
31	IV B	611212104061	PRASANNA KUMAR J
32	IV B	611212104062	PRAVHIEN T
33	IV B	611212104064	PUNITHAVALLI P
34	IV B	611212104066	RADHIKADEVI S
35	IV B	611212104069	RAGUPATHI R
36	IV B	611212104072	SAMUVEL R
37	IV B	611212104073	SANGAVEE R B
38	IV B	611212104076	SARANYA M
39	IV B	611212104080	SATHISHKUMAR G
40	IV B	611212104082	SATHISHKUMAR R
41	IV B	611212104084	SATHYANIVEDHA M
42	IV B	611212104086	SHIFAPARVEEN M
43	IV B	611212104089	SIVASAKTHI M
44	IV B	611212104091	SOWMYA G S
45	IV B	611212104093	SUMITHRA D
46	IV B	611212104099	VELKUPPANNASAMY A
47	IV B	611212104310	SATHIYAPRIYA M
48	IV B	611212104316	VINOTHKUMAR A

Faculty Incharge

HOD

KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Database Design and Programming with SQL using Oracle WDP

SYLLABUS & SCHEDULE

Day	Session	Contents
Day 1	FN & AN	Database Design, Entities and Attributes,Relationship Basics
Day 2	FN & AN	Super/Sub Types and Business Rules, Relationship Fundamentals
Day 3	FN & AN	UIDs and Normalization, Arcs, Hierarchies, and Recursive Modeling
Day 4	FN & AN	Changes and Historical Modeling, Mapping
Day 5	FN & AN	Database Programming with SQL - Introduction
Day 6	FN & AN	SELECT and WHERE, WHERE, ORDER BY, and Intro to Functions
Day 7	FN & AN	Single Row Functions, JOINs
Day 8	FN & AN	Group Functions, Subqueries, DML, DDL,
Day 9	FN & AN	Constraints, Views, Sequences and Synonyms,
Day 10	FN & AN	Privileges and Regular Expressions, TCL

Faculty Incharge

HOD

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Database Design and Programming with SQL using Oracle WDP

07.07.2015 - 16.07.2015 | Course Attendance

Sl.No	Year	Register Number	Student Name	7.7.15	8.7.15	9.7.15	10.7.15	11.7.15	12.7.15	13.7.15	14.7.15	15.7.15	16.7.15
1	IV A	611212104003	ANBARASU D										
2	IV A	611212104007	BANUMATHI R										
3	IV A	611212104009	BHARATHI K M										
4	IV A	611212104012	DHARVESHMYDEEN K										
5	IV A	611212104014	DIVYA KANNIGA S										
6	IV A	611212104016	ELAKKIYA A										
7	IV A	611212104019	GIRIJA T										
8	IV A	611212104021	GOPALAKRISHNAN E										
9	IV A	611212104023	HABIPRIYA S										
10	IV A	611212104028	KAMALESH M										
11	IV A	611212104029	KARTHIKA S										
12	IV A	611212104031	KEERTHANA K										
13	IV A	611212104032	KEERTHANA S										
14	IV A	611212104035	KIRUTHIKA G	a									
15	IV A	611212104037	KOUSHIKAA M										
16	IV A	611212104038	KOWSALYA S										
17	IV A	611212104040	KUMARESAN E										
18	IV A	611212104042	MADHUBALA G										
19	IV A	611212104043	MADHUBALAA B										
20	IV A	611212104047	MONIKA P										a
21	IV A	611212104048	MUKILAN K										
22	IV A	611212104051	NAVANEETHAKRISHNAN S						1				
23	IV A	611212104302	BHUVANESHWARI A				a						
24	IV A	611212104304	JAYAPRAKASH S										
25	IV A	611212104306	MOHANRAJ E										
26	IV A	611212104311	SELVAKUMAR M										
27	IV A	611212104313	SRINIVASAN.P										
28	IV B	611212104054	PARTHIBAN S										
29	IV B	611212104056	PAVITHRA T										
30	IV B	611212104059	PRABHU S										
31	IV B	611212104061	PRASANNA KUMAR J										
32	IV B	611212104062	PRAVHIEN T										
33	IV B	611212104064	PUNITHAVALLI P										
34	IV B	611212104066	RADHIKADEVI S							a			
35	IV B	611212104069	RAGUPATHI R				a						

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36	IV B	611212104072	SAMUVEL R	/	/	/	/	/	/	/	/	/	/
37	IV B	611212104073	SANGAVEE R B	/	/	/	/	/	/	/	/	/	/
38	IV B	611212104076	SARANYA M	/	/	/	/	/	/	/	/	/	/
39	IV B	611212104080	SATHISHKUMAR G	/	/	/	/	/	/	/	a	/	/
40	IV B	611212104082	SATHISHKUMAR R	/	/	/	/	/	/	/	/	/	/
41	IV B	611212104084	SATHYANIVEDHA M	/	/	/	/	/	/	/	/	/	/
42	IV B	611212104086	SHIFAPARVEEN M	/	/	/	/	/	/	/	/	/	/
43	IV B	611212104089	SIVASAKTHI M	/	/	/	/	a	/	/	/	/	/
44	IV B	611212104091	SOWMYA G S	/	/	/	/	/	/	/	/	/	/
45	IV B	611212104093	SUMITHRA D	/	/	a	/	/	/	/	/	/	/
46	IV B	611212104099	VELKUPPANNASAMY A	/	/	/	/	/	/	/	/	/	/
47	IV B	611212104310	SATHIYAPRIYA M	/	/	/	/	/	/	/	/	/	/
48	IV B	611212104316	VINOTHKUMAR A	/	/	/	/	/	/	/	/	/	/
			NO OF STUDENTS PRESENT	47	48	47	46	47	48	47	47	48	47
			NO OF STUDENTS ABSENT	1	–	1	2	1	–	1	1	–	1

P. Muthulakshmi
Faculty Incharge

HOD

KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Database Design and Programming with SQL using Oracle WDP

25.09.2015 | Assessment Report

Sl.No	Year	Register Number	Student Name	Final Assessment %
1	IV A	611212104003	ANBARASU D	68
2	IV A	611212104007	BANUMATHI R	68
3	IV A	611212104009	BHARATHI K M	56
4	IV A	611212104012	DHARVESHMYDEEN K	56
5	IV A	611212104014	DIVYA KANNIGA S	81
6	IV A	611212104016	ELAKKIYA A	67
7	IV A	611212104019	GIRIJA T	86
8	IV A	611212104021	GOPALAKRISHNAN E	76
9	IV A	611212104023	HABIPRIYA S	85
10	IV A	611212104028	KAMALESH M	72
11	IV A	611212104029	KARTHIKA S	70
12	IV A	611212104031	KEERTHANA K	52
13	IV A	611212104032	KEERTHANA S	55
14	IV A	611212104035	KIRUTHIKA G	66
15	IV A	611212104037	KOUSHIKAA M	84
16	IV A	611212104038	KOWSALYA S	55
17	IV A	611212104040	KUMARESAN E	79
18	IV A	611212104042	MADHUBALA G	72
19	IV A	611212104043	MADHUBALAA B	74
20	IV A	611212104047	MONIKA P	79
21	IV A	611212104048	MUKILAN K	62
22	IV A	611212104051	NAVANEETHAKRISHNAN S	62
23	IV A	611212104302	BHUVANESHWARI A	83
24	IV A	611212104304	JAYAPRAKASH S	70
25	IV A	611212104306	MOHANRAJ E	75
26	IV A	611212104311	SELVAKUMAR M	52
27	IV A	611212104313	SRINIVASAN.P	72
28	IV B	611212104054	PARTHIBAN S	52
29	IV B	611212104056	PAVITHRA T	82
30	IV B	611212104059	PRABHU S	70
31	IV B	611212104061	PRASANNA KUMAR J	75
32	IV B	611212104062	PRAVHIEN T	67
33	IV B	611212104064	PUNITHAVALLI P	77

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Kakapalayam (Po), Salem-637 504

34	IV B	611212104066	RADHIKADEVI S	86
35	IV B	611212104069	RAGUPATHI R	58
36	IV B	611212104072	SAMUVEL R	72
37	IV B	611212104073	SANGAVEE R B	56
38	IV B	611212104076	SARANYA M	82
39	IV B	611212104080	SATHISHKUMAR G	54
40	IV B	611212104082	SATHISHKUMAR R	72
41	IV B	611212104084	SATHYANIVEDHA M	58
42	IV B	611212104086	SHIFAPARVEEN M	82
43	IV B	611212104089	SIVASAKTHI M	57
44	IV B	611212104091	SOWMYA G S	63
45	IV B	611212104093	SUMITHRA D	71
46	IV B	611212104099	VELKUPPANNASAMY A	64
47	IV B	611212104310	SATHIYAPRIYA M	78
48	IV B	611212104316	VINOTHKUMAR A	60

**Max Marks - 100 | Min Marks - 50

Faculty Incharge

HOD

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637

ORACLE Workforce Development Partner

AWARD *of* ACHIEVEMENT

PRESENTED TO

MOHANRAJ E

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

25.09.2015

Oracle Academy Instructor

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

ORACLE Workforce Development Partner

AWARD *of* ACHIEVEMENT

PRESENTED TO

SELVAKUMAR M

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

25.09.2015

Oracle Academy Instructor

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

ORACLE Workforce Development Partner

AWARD *of* ACHIEVEMENT

PRESENTED TO

SRINIVASAN.P

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

25.09.2015

Oracle Academy Instructor

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 50[illegible]

ORACLE Workforce Development Partner

AWARD *of* ACHIEVEMENT

PRESENTED TO

PARTHIBAN S

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

25.09.2015

Oracle Academy Instructor

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

ORACLE Workforce Development Partner

AWARD *of* ACHIEVEMENT

PRESENTED TO

JAYAPRAKASH S

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

25.09.2015

Oracle Academy Instructor

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 [illegible]

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: SELVA Kumar. M

Course Title: Database Design & Programming With SQL Using Oracle WDP

Year/ Sem: IV/VII

Dept : CSE

Date: 16.07.15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course		✓			
Course Delivery	✓				
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Execution of more Query

Explained more topics

Suggestions for improvement:

Principal,
Knowledge Institute of Technology,
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: Radhikadevi. S.

Course Title: Database Design & programming with SQL using Oracle & VB

Year/ Sem: IV / VII

Dept : CSE.

Date: 16.7.15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available		✓			
Overall rating about lecture and Training			✓		

Positive points about the Lecture:

Easy to understand.

Suggestions for improvement:

Need more notes.

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: MOHAN Raj. B

Course Title: Database Design & Programming with SQL Using Oracle WDP

Year/ Sem: 4/5

Date: 16.7.15

Dept : CSE

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course		✓			
Course Delivery	✓				
Practical Experience	✓				
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Gain More Programming Knowledge

Get more Industrial exposure

Suggestions for improvement:

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: RAGHUPATHI

Course Title: DATABASE DESIGN AND PROGRAMMING WITH SQL USING ORACLE WDP

Year/ Sem: 4/5

Dept : CSE

Date: 16/07/2015

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course		✓			
Course Delivery		✓			
Practical Experience	✓				
Additional resources available		✓			
Overall rating about lecture and Training	✓				

Positive points about the Lecture:

Explained clearly with many instances & Useful

Suggestions for improvement:

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM.

Department of Computer Science and Engineering

FEEDBACK FORM

Type of Course: Certificate Course

Name of the Student: M. Saranya.

Course Title: Database Delight Programming with SQL using Oracle WDP.

Year/ Sem: IV/ VII

Dept : CSE

Date: 16.7.15

Parameters	Please Tick mark on the appropriate box				
	Excellent (5)	Good (4)	Satisfactory (3)	Poor (2)	Very Poor (1)
Resource person knowledge on the Course	✓				
Course Delivery		✓			
Practical Experience		✓			
Additional resources available			✓		
Overall rating about lecture and Training		✓			

Positive points about the Lecture:

Explained more topics in good way.
Communication was nice.

Suggestions for improvement:

Need more examples + notes.

Principal,
Knowledge Institute of Technology
Kakapalayam (Po), Salem-637 504

M. Saranya
(Signature of the student)

112-201516-CE-01

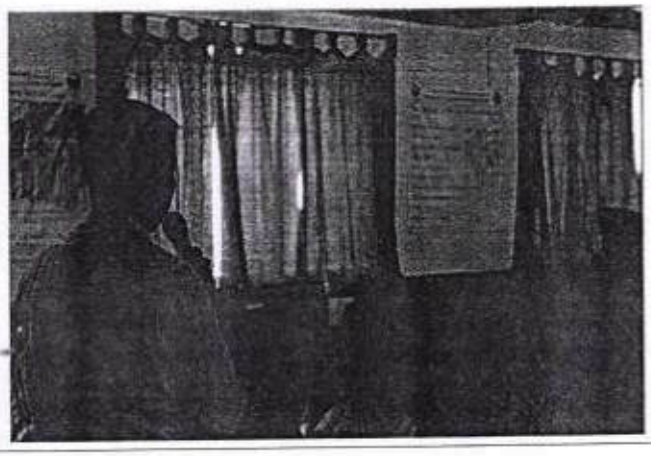
KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504

DEPARTMENT OF CIVIL ENGINEERING

REPORT OF THE EVENT

Date	:	01.07.15 to 11.07.15	**Resource person**	:	**Mr. Uma Shankar,** Assistant Professor, Dept of Civil Engg., KIOT.
Time	:	10.00 a.m to 2.00 p.m	**Title**	:	Certification Course on **"Architectural Design of buildings using Revit Architecture"**
Venue	:	CC10, D-Block, KIOT.	**No. of Participants**	:	**45**

1. This training has been organized to enhance the standard of fresh civil engineering graduates to become acceptable to the industry.
2. He explained about the Revit Architecture tools and features that can enhance productivity such as Physical Materials for Building Performance Analysis, Autodesk 360 Integration, Work-sharing, Construction Modeling, Bidirectional Associativity and Parametric Components.
3. His training gave a clear cut picture of how students can improve the employability skills of our students.
4. The veteran trainer shared his long term experiences in the Construction field and explained the difficulties he had faced in his Industrial Career.



Encl: Circular / Brochure / Attendance Sheet

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504

CIRCULAR

Circular No.	CIVIL/CC/2015-16/01	**Date**	29.06.2015
To	All HODs, Faculty members & Students		
Subject	Certification Course on **Architectural Design of buildings using Revit Architecture** –reg.		

This is to inform you that Department of Civil Engineering has planned to conduct certification course on **Architectural Design of buildings using Revit Architecture** for II year Civil Engineering students. Registered candidates are requested to attend the course.

Program Details

Date	Session	Venue	Topic	Resource Person
01.07.15 to 11.07.15	FN (10.00 am to 02.00 pm)	CC10	Certification Course on **"Architectural Design of buildings using Revit Architecture"**	**Mr. Uma Shankar,** Assistant Professor, Dept of Civil Engg KIOT.

Co-ordinators : 1. Mrs.J.Vidhya Nandhini - 8508609672

Course co-ordinator **HOD/Civil** **PRINCIPAL**

MECH	VP Office	CIVIL	EEE	ECE	CSE	S&H	PD	PAT	AO	Trans-port I/C	Hostel NB	Director / Training	Director / Placement	Residential Warden	College NB	Office File	Class Circulation
*	*	*	*	*	*	*		*			*	*	*		*	*	*

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO) Salem - 637 504

Certificate Course

on

Architectural Design of buildings using Revit Architecture

01.07.2015 to 11.07.2015

Organized by

Department of Civil Engineering

KNOWLEDGE
INSTITUTE OF TECHNOLOGY

KIOT campus, Kakapalayam (PO), Salem-637 504,
Tamil Nadu, India.
www.kiot.ac.in

PRINCIPAL,
Knowledge Institute of Technology
Kakapalayam (PO), Salem - 637 504

KNOWLEDGE INSTITUTE OF TECHNOLOGY

Knowledge Institute of Technology is one of the upcoming Institutions in India. The college was established in the year 2009. Knowledge Institute of Technology is a brainchild of Eminent Professors from leading Engineering Colleges, Philanthropists, Friends and Entrepreneurs who would like to contribute in nation building by establishing higher learning Institutions. The cutting edge infrastructure, well experienced faculty and accomplished staff make KIOT as a Premier Centre for learning. The college offers 5 B.E. courses and 4 M.E. courses. The vast experience of the promoters in training the students for all-round professionals and skill development ensures every student to transform into an evolved individual and a highly employable professional.

ABOUT THE DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering branch of KIOT was started in the year 2010-11. The faculty members are well experienced and qualified in different specializations. In the enhancement of research forum, the department has established a "Centre for Sustainable Building Research" and initiated the LEED Lab (Leadership in Energy and Environmental Design) in association with United States Green Building Council (USGBC) and Centre of Excellence on "Remote Sensing & GIS" in association with SAKURA for carrying out research, teaching and consultation activities in various disciplines of Civil Engineering.

SYLLABUS

1. Introduction to Revit Architecture
Introduction About Revit Architecture, History of Revit Architecture, Units, modeling process.

2.Basics of creating and modifying objects
Basics of creating and modifying objects- Creating geometry, Wall, Doors, Windows , Railing, Wall.

3. Editing tools
Editing tools- Move, Copy, Rotate, Array, Mirror, Align, Split, Trim, Offset.

4. Modelling
Floor, Roof, Component, Stairs, Railings, Ramp, Curtains

5. Modelling
System, Curtain, Grid, Mullion, Host Sweep, Create, Profile Creation Method- Overall review of basic concepts and topics discussed.

6. Advanced Design parameters
Introduction About advanced Revit Architecture - Massing - Basics (Drafting), View (schedule & quantities)

7. 3D design of structures
Room & areas,View (sheet, create a new sheet) Structural, Construction, Site (hand scope works), View (creating camera views)

8. Creation of family
Family - Creating doors, windows, furniture, profile, Rendering works (exterior @ interior), Interior living, Interior Kids- Walk through works - Settings works, printing options (Export and Import).

For Registration Kindly Contact:
. Mrs.J.Vidhya Nandhini/AP/Civil,
M: 85086 09672,
Mail:jvncivil@kiot.ac.in

From

01/06/2015, Salem

J.Vidhya Nandhini,
Assistant Professor,
Department of civil engineering,
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CIVIL

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "**ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE**" from 01.07.2015 to 11.07.2015 for a period of 10 days with the duration of 40 hours. It will be helpful for our II Year Civil Engineering students through which they can enrich their knowledge in Architectural design for various buildings. In this regards we request you to endowment as permission to conduct the course. This course is not in our curriculum and will be helpful for the skill development and placement of our students.

The course details are as follows:

Description	Particulars
Year	II (Civil Engineering Students)
Name of the Course	**ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE**
Company/ Resource Person	**Mr. K.UmaShankar,** Assistant professor/CIVIL, Knowledge Institute of Technology
Total Number of Students Registered	45 Nos.

Thank you sir

Yours truly,

(J.Vidhya Nandhini)

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Kakapalayam (PO), Salem - 637 504

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DEPARTMENT OF CIVIL ENGINEERING

REGISTERED STUDENTS FOR CERTIFICATION COURSE

The following students have been registered for the various certification courses conductd by the department of civil engineering for the AY 2015-16

S.No	Register No	Name of the student	Name of the certificate courses	Start Date	End Date	Duration Hrs (10 Days)
1	611214103001	AJITHKUMAR P	Architectural Design of Buildings using Revit Architecture	01-07-2015	11-07-2015	40
2	611214103004	DHEEPAN V				
3	611214103007	EZHILARASI S				
4	611214103009	GOKULAKANNAN M				
5	611214103010	GOKULAKANNAN M				
6	611214103013	JEEVA S				
7	611214103014	KARTHICK T				
8	611214103016	KAVIPRITHA R				
9	611214103019	KOUSALYA S				
10	611214103021	KUMARAN A				
11	611214103023	MEGALA B				
12	611214103024	MOHAMED NADEEM S				
13	611214103026	MYTHELI J				
14	611214103027	NAVEEN KUMAR S				
15	611214103028	OBULI NARASIMMAN O				
16	611214103029	PAVITHRA M				
17	611214103030	PRAGATHEESH S				
18	611214103033	PREETHE M P				
19	611214103034	RAGUL U				
20	611214103035	RAGUNANTHAN K M				
21	611214103039	RAVI M				
22	611214103040	RAVIKUMAR S				

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S.No	Register No	Name of the student	Name of the certificate courses	Start Date	End Date	Duration Hrs (10 Days)
23	611214103041	SABARINATH M	Architectural Design of Buildings using Revit Architecture	01-07-2015	11-07-2015	40
24	611214103042	SAKTHEESHWARI T				
25	611214103043	SANGAVI S				
26	611214103046	SASIDHAR S				
27	611214103047	SASIDHARAN S				
28	611214103048	SHALINI P				
29	611214103051	SUBASHINI S				
30	611214103052	SUJITHA P				
31	611214103053	SURIYAKALA R				
32	611214103055	SUVA SRI S E				
33	611214103056	THILAGARAJ S				
34	611214103057	UMAMAHESHWARI G				
35	611214103058	VASANTHA BHARATHI S				
36	611214103060	VIJAY PRASHANTH R				
37	611214103061	VISWANATHAN K				
38	611214103062	VISWAPRIYA S				
39	611214103302	GOWTHAMAN.J				
40	611214103303	HARIHARAN.V				
41	611214103304	JOSEPHINEPHILOMINA J				
42	611214103305	KAVIPRIYA.S				
43	611214103306	NAVEEN.V				
44	611214103307	SARAVANAN.J				
45	611214103309	THANGAVEL.K				

COURSE CO-ORDINATOR

P.M.S

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KNOWLEDGE INSTITUTE OF TECHNOLOGY Department of Civil Engineering Course Plan			
Name of the Course	**Architectural Design of Building using Revit Architecture**	**Semester**	03
Level-1 Module	08	Number of Hours	40 hours

EXECUTION SCHEDULE

Module No.	Name of the Module LEVEL 1	No. of Hours
1	Introduction to **Revit Architecture** -Units	04
2	Basics-Wall, Doors, Windows	04
3	Editing tools- Move, Copy, Rotate, Array, Mirror, Align, Split, Trim, Offset	04
4	Modeling-Floor, Roof, Component, Stairs, Railings, Ramp, Curtain,	08
5	Modeling- System, Curtain, Grid, Mullion, Host Sweep, Create, Profile Creation Method	08
6	Advanced Design parameters	04
7	3D design of Structures	04
8	Creation of family Rendering works	04

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Detailed Execution Plan

Name of the Course Module: 1. Introduction to **Revit Architecture**

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
1	Introduction About **Revit Architecture**, History of **Revit Architecture**, Units, modeling process.	2	2	-	Day 1

Detailed Execution Plan

Name of the Course Module: 2. Basics of creating and modifying objects

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
2	Basics of creating and modifying objects- Creating geometry, Wall, Doors, Windows , Railing, Wall.	2	2	-	Day 2

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Detailed Execution Plan					
Name of the Course Module: 3. Editing tools Duration: 04 hours					
Module No.	**Name of the Module**	**Teaching Hours**	**Practical Hours**	**Self-Study Hours**	**Course Plan (Day wise)**
3	Editing tools- Move, Copy, Rotate, Array, Mirror, Align, Split, Trim, Offset	2	2	-	Day 3

Detailed Execution Plan					
Name of the Course Module: 4 and 5. Modeling Duration: 16 hours					
Module No.	**Name of the Module**	**Teaching Hours**	**Practical Hours**	**Self-Study Hours**	**Course Plan (Day wise)**
4	Modeling- Floor, Roof, Component, Stairs, Railings, Ramp, Curtain,	4	4	-	Day 4
5	Modeling- System, Curtain, Grid, Mullion, Host Sweep, Create, Profile Creation Method- Overall review of basic concepts and topics discussed	4	4	-	Day 5

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Detailed Execution Plan					
Name of the Course Module: 6. Advanced Design parameters Duration: 04 hours					
Module No.	**Name of the Module**	**Teaching Hours**	**Practical Hours**	**Self-Study Hours**	**Course Plan (Day wise)**
6	Introduction About advanced **Revit Architecture** - Massing - Basics (Drafting), View (schedule & quantities)	2	2	-	Day 6

Detailed Execution Plan					
Name of the Course Module: 7. 3D design of structures Duration: 4 hours					
Module No.	**Name of the Module**	**Teaching Hours**	**Practical Hours**	**Self-Study Hours**	**Course Plan (Day wise)**
7	Room & areas View (sheet, create a new sheet) Structural Construction Site (hand scope works) View (creating camera views)	2	2	-	Day 7

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Detailed Execution Plan					
Name of the Course Module: 8. Creation of family Duration: 08 hours					
Module No.	**Name of the Module**	**Teaching Hours**	**Practical Hours**	**Self-Study Hours**	**Course Plan (Day wise)**
8	Family - Creating doors, windows, furniture, profile Rendering works (exterior @ interior), Interior living, Interior Kids- Walk through works - Settings works, printing options (Export and Import)	2	2	-	Day 8

FACULTY I/c

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'15-16

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DEPARTMENT OF CIVIL ENGINEERING
Course on Architectural Design of Buildings using Revit Architecture
ATTENDANCE REPORT

S.No	Register No	Name of the student	01/07/2015	02/07/15	03/07/15	04/07/15	05/7/15	06/07/15	07/07/15	08/07/15	09/07/15	10/07/15	11/07/15
1	611214103001	AJITHKUMAR P	P	P	P	P	P	P	P	P	P	P	P
2	611214103004	DHEEPAN V	P	P	P	P	P	P	P	P	P	P	P
3	611214103007	EZHILARASI S	P	P	P	P	P	P	P	P	P	P	P
4	611214103009	GOKULAKANNAN M	P	P	P	P	P	P	P	P	P	P	P
5	611214103010	GOKULAKANNAN M	P	P	P	P	P	P	P	P	P	P	P
6	611214103013	JEEVA S	P	P	P	P	P	P	P	P	P	P	P
7	611214103014	KARTHICK T	P	P	P	P	P	A	P	P	P	P	P
8	611214103016	KAVIPRITHA R	P	P	P	P	P	P	P	P	P	A	P
9	611214103019	KOUSALYA S	P	P	A	P	P	P	P	P	P	P	P
10	611214103021	KUMARAN A	P	P	P	P	P	P	P	P	P	P	P
11	611214103023	MEGALA B	P	P	P	P	P	P	P	P	P	P	P
12	611214103024	MOHAMED NADEEM S	P	P	P	P	P	P	P	P	P	P	P
13	611214103026	MYTHELI J	P	P	P	P	P	P	P	P	P	P	P
14	611214103027	NAVEEN KUMAR S	P	P	P	P	A	P	P	P	P	P	P
15	611214103028	OBULI NARASIMMAN O	P	P	P	A	P	P	P	P	A	P	P
16	611214103029	PAVITHRA M	A	P	P	P	P	P	P	A	A	P	P
17	611214103030	PRAGATHEESH S	P	P	P	P	P	P	P	P	P	P	P
18	611214103033	PREETHE M P	P	P	P	P	P	P	P	P	P	P	P
19	611214103034	RAGUL U	P	P	P	P	P	A	P	P	P	P	P
20	611214103035	RAGUNANTHAN K M	P	A	P	P	A	A	P	P	P	P	P
21	611214103039	RAVI M	P	P	P	P	P	P	P	P	P	P	P
22	611214103040	RAVIKUMAR S	P	P	P	P	P	P	P	A	P	P	P
23	611214103041	SABARINATH M	A	P	P	P	P	P	P	P	P	P	P
24	611214103042	SAKTHEESHWARI T	P	P	P	P	P	P	P	P	P	P	P
25	611214103043	SANGAVI S	P	P	P	P	P	P	P	P	P	P	P
26	611214103046	SASIDHAR S	P	P	P	P	P	P	P	P	P	A	P
27	611214103047	SASIDHARAN S	P	P	P	A	P	P	P	P	P	P	P
28	611214103048	SHALINI P	P	P	P	P	P	P	P	P	P	P	P
29	611214103051	SUBASHINI S	P	P	P	P	P	P	P	P	P	P	P
30	611214103052	SUJITHA P	P	P	P	P	P	P	P	P	P	P	P

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S.No	Register No	Name of the student	1/7	2/7	3/7	4/7	5/7	6/7	7/7	8/7	9/7	10/7	11/7
31	611214103053	SURIYAKALA R											
32	611214103055	SUVA SRI S E											
33	611214103056	THILAGARAJ S											
34	611214103057	UMAMAHESHWARI G											
35	611214103058	VASANTHA BHARATHI S											
36	611214103060	VIJAY PRASHANTH R											
37	611214103061	VISWANATHAN K											
38	611214103062	VISWAPRIYA S											
39	611214103302	GOWTHAMAN J											
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42	611214103305	KAVIPRIYA.S											
43	611214103306	NAVEEN.V											
44	611214103307	SARAVANAN J											
45	611214103309	THANGAVEL.K											
	No. of students present		43	43	44	43	42	42	41	42	43	42	43
	No. of students absent		02	02	01	02	03	03	01	03	02	03	02
	CC co-ordinator sign												

P.M.S.

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V. Hariharan
II-Yr-Civil.

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Assessment for course on Architectural Design of Buildings using Revit Architecture

18/20

1. What is full form of UI in Revit Architecture?
   A) User Interface Workflow
   B) User Interface
   C) User Interfere
   D) None of these

2. Model Group: Use group when you plan to repeat layout many times in a _____.
   A) Files
   B) Project and family
   C) family
   D) None of these

3. Where are we find the curtain wall?
   A) Build Panel
   B) Type Property
   C) Type Selector
   D) Instance Property

4. Where can you find the Window option in ribbon palate?
   A) Circulation
   B) Build
   C) Model
   D) None of these

5. View Cube can be found in the _____ View
   A) Elevation View
   B) Section View
   C) Camra View
   D) 3d View

6. Where can you locate Conceptual mass modelling?
   A) Ribbon palate
   B) Application menu bar
   C) Project Browser
   D) |Property Palate

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7. What is the shortkey of Door?
   A) DO
   B) DOO
   C) DA
   D) DR
8. Define stair sketch method.
   A) Stair by sketch
   B) Stair by face
   C) Stair in component
   D) Stair by floor
9. What is the Revit project file format?
   A) RFA
   B) DWG
   C) RVT
   D) FBX
10. Where is the option Door located in ribbon palate?
   A) Circulation
   B) Build
   C) Model
   D) None of these
11. What is the Revit family file format?
   A) FBX
   B) RVT
   C) RFA
   D) DWF
12. We typically sketch the shaft on a host element _____ view.
   A) Celling plan
   B) 2d plan
   C) Floor plan
   D) None of these
13. What is the Grid short key?
   A) GD
   B) GR
   C) GI
   D) GRD
14. Create Beam in 3d View by using 3d snapping tools.
   A) true
   B) false
15. By which process we can draw floor by face?
   A) Create floor select mass floor
   B) mass floor convert into floor building model
   C) create mass floor us floor by face
   D) None of these.

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16. How can we create Ceiling?
    A) Ceiling defined by walls
    B) Sketch inside boundary
    C) Pick line method
    D) All above
17. You Can Collapse the tree by selecting the _____ in the Project browser.
    A) -icon
    B) +icon
    C) +icon and -icon
    D) None of these
18. What is the Wall shortkey?
    A) WAL
    B) WL
    C) WA
    D) WLL
19. How many types of railings are there?
    A) 2
    B) 4
    C) 6
    D) 7
20. Where are we find the curtain wall?
    A) Build Panel
    B) Type Property
    C) Type Selector
    D) Instance Property

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...owledge Institute of Technology
...kkapalayam (PO), Salem - 637 504

K. Thangavel

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Assessment for course on Architectural Design of Buildings using Revit Architecture

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S. Viswapriya
II- year

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Assessment for course on Architectural Design of Buildings using Revit Architecture

20/20

1. Where are we find the curtain wall?
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   A) Circulation
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   C) Model
   D) None of these

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   B) Sketch inside boundary
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   D) All above

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    C) +icon and -icon
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    D) Instance Property

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R. Suriyakala

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Assessment for course on Architectural Design of Buildings using Revit Architecture

19/20

1. What is full form of UI in Revit Architecture?
   A) User Interface Workflow
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   C) User Interfere
   D) None of these

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   B) Project and family
   C) family
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7. What is the shortkey of Door?
   A) DO
   B) DOO
   C) DA
   D) DR
8. Define stair sketch method.
   A) Stair by sketch
   B) Stair by face
   C) Stair in component
   D) Stair by floor
9. What is the Revit project file format?
   A) RFA
   B) DWG
   C) RVT
   D) FBX
10. Where is the option Door located in ribbon palate?
   A) Circulation
   B) Build
   C) Model
   D) None of these
11. What is the Revit family file format?
   A) FBX
   B) RVT
   C) RFA
   D) DWF
12. We typically sketch the shaft on a host element _____ view.
   A) Celling plan
   B) 2d plan
   C) Floor plan
   D) None of these
13. What is the Grid short key?
   A) GD
   B) GR
   C) GI
   D) GRD
14. Create Beam in 3d View by using 3d snapping tools.
   A) true
   B) false
15. By which process we can draw floor by face?
   A) Create floor select mass floor
   B) mass floor convert into floor building model
   C) create mass floor us floor by face
   D) None of these.

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16. How can we create Ceiling?
    A) Ceiling defined by walls
    B) Sketch inside boundary
    C) Pick line method
    D) All above
17. You Can Collapse the tree by selecting the _____ in the Project browser.
    A) -icon
    B) +icon
    C) +icon and -icon
    D) None of these
18. What is the Wall shortkey?
    A) WAL
    B) WL
    C) WA
    D) WLL
19. How many types of railings are there?
    A) 2
    B) 4
    C) 6
    D) 7
20. Where are we find the curtain wall?
    A) Build Panel
    B) Type Property
    C) Type Selector
    D) Instance Property

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V. Dheepan
II - year - Civil Engineering

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	Kakapalayam (PO), Salem – 637 504	www.kiot.ac.in

Assessment for course on Architectural Design of Buildings using Revit Architecture

1. Where are we find the curtain wall?
   A) Build Panel
   B) Type Property
   C) Type Selector
   D) Instance Property

2. Where can you find the Window option in ribbon palate?
   A) Circulation
   B) Build
   C) Model
   D) None of these

3. View Cube can be found in the _____ View
   A) Elevation View
   B) Section View
   C) Camra View
   D) 3d View

4. What is the shortkey of Door?
   A) DO
   B) DOO
   C) DA
   D) DR

5. Define stair sketch method.
   A) Stair by sketch
   B) Stair by face
   C) Stair in component
   D) Stair by floor

6. What is the Revit project file format?
   A) RFA
   B) DWG
   C) RVT
   D) FBX

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7. Where is the option Door located in ribbon palate?
   A) Circulation
   B) Build
   C) Model
   D) None of these

8. What is full form of UI in Revit Architecture?
   A) User Interface Workflow
   B) User Interface
   C) User Interfere
   D) None of these

9. What is the Revit family file format?
   A) FBX
   B) RVT
   C) RFA
   D) DWF

10. We typically sketch the shaft on a host element _____ view.
   A) Celling plan
   B) 2d plan
   C) Floor plan
   D) None of these

11. What is the Grid short key?
   A) GD
   B) GR
   C) GI
   D) GRD

12. Create Beam in 3d View by using 3d snapping tools.
   A) true
   B) false

13. By which process we can draw floor by face?
   A) Create floor select mass floor
   B) mass floor convert into floor building model
   C) create mass floor us floor by face
   D) None of these.

14. How can we create Ceiling?
   A) Ceiling defined by walls
   B) Sketch inside boundary
   C) Pick line method
   D) All above

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15. You Can Collapse the tree by selecting the _____ in the Project browser.
    A) -icon
    B) +icon
    C) +icon and -icon
    D) None of these
16. What is the Wall shortkey?
    A) WAL
    B) WL
    C) WA
    D) WLL
17. Model Group:Use group when you plan to repeat layout many times in a _____.
    A) Files
    B) Project and family
    C) family
    D) None of these
18. Where can you locate Conceptual mass modelling?
    A) Ribbon palate
    B) Application menu bar
    C) Project Browser
    D) |Property Palate
19. How many types of railings are there?
    A) 2
    B) 4
    C) 6
    D) 7
20. Where are we find the curtain wall?
    A) Build Panel
    B) Type Property
    C) Type Selector
    D) Instance Property

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Certificate

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This is to certify that Mr/Ms S. Pragatheesh of II year student in academic year 2015-2016 has completed / ~~attended~~ the course on Architectural Design of Buildings using Revit Architecture during the period from 01.07.2015 to 11.07.2015 at Knowledge Institute of Technology, Salem.

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FEEDBACK FORM

CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE

Name: S. JEEVA

Year/Sem/Sec: II/03

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer			✓	
2	Course Material		✓		
3	Clarity of the content delivery	✓			
4	Hands on training experience		✓		
5	Overall experience about the Course			✓	

SUGGESTIONS IF ANY:

EXCELLENT content delivery

Student Sign:

S. Jeeva

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FEEDBACK FORM

CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE

Name: V. Dheepan

Year/Sem/Sec: II/03

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material	✓			
3	Clarity of the content delivery	✓			
4	Hands on training experience			✓	
5	Overall experience about the Course		✓		

SUGGESTIONS IF ANY:

Good Experience

Student Sign:

dated

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FEEDBACK FORM

CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE

Name: S. Vasantha bharathi

Year/Sem/Sec: II/03

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material	✓			
3	Clarity of the content delivery			✓	
4	Hands on training experience	✓			
5	Overall experience about the Course	✓			

SUGGESTIONS IF ANY:

Course material is good

Student Sign:

S. U. Srikanth

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FEEDBACK FORM

CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE

Name: A. Kumaran

Year/Sem/Sec: II/03

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material	✓			
3	Clarity of the content delivery	✓			
4	Hands on training experience		✓		
5	Overall experience about the Course	✓			

SUGGESTIONS IF ANY:

Hands on training Good.

Student Sign:

A. Kumaran

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FEEDBACK FORM
CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE

Name: S. Sangavi

Year/Sem/Sec: II/01

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material			✓	
3	Clarity of the content delivery	✓			
4	Hands on training experience			✓	
5	Overall experience about the Course	✓			

SUGGESTIONS IF ANY:

Overall experience about the course is average

Student Sign:

S. Sangavi

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112-2015-CE-02

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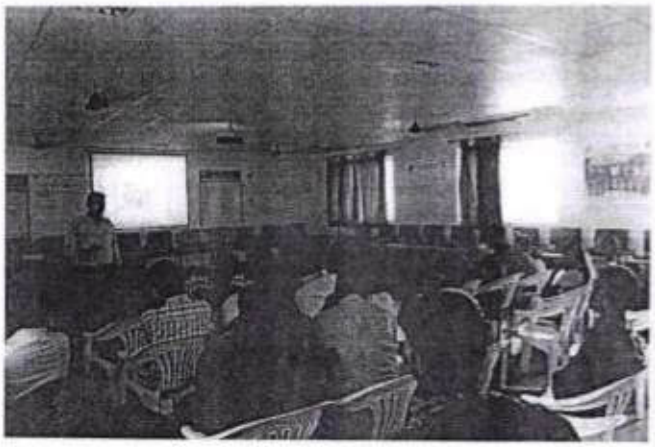
DEPARTMENT OF CIVIL ENGINEERING

REPORT OF THE EVENT

Date	:	06.07.15 to 16.07.15	**Resource person**	:	T.Prem Kumar, Course Instructor, Cadd square, Salem.
Time	:	09.00 a.m to 1.00 p.m	**Title**	:	Certification Course on **3D Modeling of buildings using 3ds MAX DESIGN**
Venue	:	CC10, D-Block, KIOT.	**No. of Participants**	:	**35**

1. Easy-to-Use Visualization Capabilities. This training has been organized to enhance the standard of fresh civil engineering graduates to become acceptable to the industry.. This software is fairly complex, dealing with complex geometry creation, rendering and animation.
2. Automatic File Linking with AutoCAD Civil 3D. These tools are highly valuable to a designer as we use BIM (Building Information Modeling) by Flexible Rendering
3. The advantage for a Civil Engineer would be to create a digital environment of the project to get a better picture.
4. The veteran trainer shared his long term experiences in the design field and explained the importance of design of building as the students were very interactive and motivated towards 3D design of buildings.



Encl: Circular / Brochure / Attendance Sheet

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CIRCULAR

Circular No.	CIVIL/CC/2015-16/02	Date	03.07.2015
To	All HODs, Faculty members & Students		
Subject	Certification Course on **3D Modeling of buildings using 3ds MAX design** –reg.		

This is to inform you that Department of Civil Engineering has planned to conduct certification course on **3D Modeling of buildings using 3ds MAX** design for III year Civil Engineering students. Registered candidates are requested to attend the course.

Program Details

Date	Session	Venue	Topic	Resource Person
06.07.15 to 16.07.15	FN (09.00 am to 01.00 pm)	CC10	Certification Course on **"3D Modeling of buildings using 3ds MAX design"**	**Er. T.Prem Kumar** Course Instructor, CAD SQUARE. Salem-4.

Co-ordinators : 1. Mrs.J.Vidhya Nandhini – 8508609672

Course co-ordinator **HOD/Civil** **PRINCIPAL**

MECH	VP Office	CIVIL	EEE	ECE	CSE	S&H	PD	PAT	AO	Transport I/C	Hostel NB	Director / Training	Director - Placement	Residential Warden	College NB	Office File	Class Circulation
*	*	*	*	*	*	*		*			*	*	*		*	*	*

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Certificate Course

on

3D modelling of Buildings using 3ds MAX DESIGN

06.07.2015 to 16.07.2015

Organized by

Department of Civil Engineering

KNOWLEDGE

INSTITUTE OF TECHNOLOGY

KIOT campus, Kakapalayam (PO), Salem-637 504,
Tamil Nadu, India.
www.kiot.ac.in

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ABOUT KIOT

Knowledge Institute of Technology is one of the upcoming Institutions in India. The college was established in the year 2009. Knowledge Institute of Technology is a brainchild of Eminent Professors from leading Engineering Colleges, Philanthropists, Friends and Entrepreneurs who would like to contribute in nation building by establishing higher learning Institutions. The cutting edge infrastructure, well experienced faculty and accomplished staff make KIOT as a Premier Centre for learning. The college offers 5 B.E. courses and 4 M.E. courses. The vast experience of the promoters in training the students for all-round professionals and skill development ensures every student to transform into an evolved individual and a highly employable professional.

ABOUT THE DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering branch of KIOT was started in the year 2010-11. The faculty members are well experienced and qualified in different specializations. In the enhancement of research forum, the department has established a "Centre for Sustainable Building Research" and initiated the LEED Lab (Leadership in Energy and Environmental Design) in association with United States Green Building Council (USGBC) and Centre of Excellence on "Remote Sensing & GIS" in association with SAKURA for carrying out research, teaching and consultation activities in various disciplines of Civil Engineering.

SYLLABUS

1.Introduction to 3ds Max Design

Introduction To 3ds Max & GUI, Unit Setup, Application of Tools In Main Tool Bar & Command Panel.

2. Geometry and Objects

Geometric primitives, Standard primitives, Extended Primitives, Architectural objects, AEC extended objects.

3. Editing tools

Selection Tools, Operating Tools, Mirror & Snaps - Concepts Of 2d Shapes, Extrude Lathe, Loft, Boolean, Using Editable Spline.

4. Mesh & Poly

Relation With Auto Cad And Revit Architecture. Mesh & Poly Floor, Roof, Component, Stairs, Railings, Ramp, Curtains

5. Modelling

Modelling- System, Curtain, Grid, Mullion, Host Sweep, Create, Profile Creation Method System, Curtain, Grid, Mullion, Host Sweep, Create, Profile Creation Method.

6.Usage of tools

Selection Tools, Operating Tools, Mirror & Snaps - Concepts Of 2d Shapes, Extrude Lathe, Loft, Boolean.

7. Advanced Design parameters

Introduction To Material Textures And Maps Concepts of texturing And Adding .

8. 3D design of structures

Material Editor, Lights & Light Parameters, Camera & Camera Features, Path camera, Walk Through

9. Creation of family

Rendering works (exterior & interior), Interior living, Interior Kids- Walk through works - Settings works, printing options (Export and Import)

For Registration Kindly Contact:
Mrs.J.Vidhya Nandhini/AP/Civil,
M: 85086 09672,
Mail: jvncivil@kiot.ac.in

From

01/06/2015, Salem

J.Vidhya Nandhini,
Assistant Professor,
Department of civil engineering,
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CIVIL

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on "**3D MODELLING OF BUILDINGS USING 3ds MAX DESIGN**" from 06.07.2015 to 16.07.2015 for a period of 10 days with the duration of 40 hours. It will be helpful for our II Year Civil Engineering students through which they can enrich their knowledge in 3Dimensional animations for various buildings. In this regards we request you to endowment as permission to conduct the course. This course is not in our curriculum and will be helpful for the skill development and placement of our students.

The course details are as follows:

Description	Particulars
Year	III (Civil Engineering Students)
Name of the Course	**3D MODELLING OF BUILDINGS USING 3ds MAX DESIGN**
Company/ Resource Person	**Er. T.Prem Kumar,** **Course Instructor,** **Cadd Square,Salem**
Total Number of Students Registered	**35** Nos.

Thank you sir

Yours truly,

(J.Vidhya Nandhini)

HOD/CIVIL

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DEPARTMENT OF CIVIL ENGINEERING

REGISTERED STUDENTS FOR CERTIFICATION COURSE

The following students have been registered for the various certification courses conductd by the department of civil engineering for the AY 2015-16

S.No	Register No	Name of the student	Name of the certificate courses	Start Date	End Date	Duration Hrs (10 Days)
1	611213103001	AJITHKUMAR. S	3D modelling of Buildings using 3ds Max Design	06-07-2015	16-07-2015	40
2	611213103002	AMALA. S				
3	611213103003	AMIR IBRAHIM. A				
4	611213103004	ARAVIND.P				
5	611213103006	BOOPALAKANNAN. P				
6	611213103008	BOOPATHY. K				
7	611213103009	DEEPAK KUMAR. C				
8	611213103010	DEVAN. A				
9	611213103011	DEVPRAKASH.P				
10	611213103012	DINESH KUMAR. A				
11	611213103013	DIVYA. R				
12	611213103014	DYANITHI.S				
13	611213103015	ESWARRAJ. B				
14	611213103016	GANESHAN.N				
15	611213103017	GAVIYAA. MA				
16	611213103018	GAYATHRI DEVI. N.R				
17	611213103019	GOKUL.M				
18	611213103020	GOKUL RAJ.A				
19	611213103021	GOWTHAM.S				

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S.No	Register No	Name of the student	Name of the certificate courses	Start Date	End Date	Duration Hrs (10
20	611213103022	KALAI SELVAN. K	3D modelling of Buildings using 3ds Max Design	06-07-2015	16-07-2015	40
21	611213103023	KANAGARAJ. S				
22	611213103024	KARTHIK. K				
23	611213103025	KAVIPRIYA.P				
24	611213103026	KUMARAVEL. P				
25	611213103027	LALITHA SREE. S				
26	611213103030	MANIKANDAN. P(1995)				
27	611213103031	MANIKANDAN. P(1996)				
28	611213103032	MANOJ PRABHU. C				
29	611213103049	SHANMUGAPRIYA. M				
30	611213103301	BABU. K				
31	611213103303	KARTHIKEYAN. K				
32	611213103304	C. NATARAJAN				
33	611213103305	NAVEEN RAJ. P				
34	611213103306	PRAVEEN. S.S.M				
35	611213103307	RAJ KUMAR. V				

COURSE CO-ORDINATOR

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KNOWLEDGE INSTITUTE OF TECHNOLOGY Department of Civil Engineering Course Plan			
Name of the Course	**3D modeling of Buildings using 3ds MAX DESIGN**	**Semester**	05
Level-1 Module	09	Number of Hours	40 hours

EXECUTION SCHEDULE

Module No.	Name of the Module LEVEL 1	No. of Hours
1	Introduction To 3ds Max & GUI, Unit Setup	04
2	Standard primitivies, Extended Primitives, Elevation	04
3	Tools, Mirror & Snaps - Concepts Of 2d Shapes	04
4	Relation With Auto Cad And Revit Architecture, Mesh & Poly	04
5	Modeling	04
6	Introduction To Material Textures And Maps Concepts of texturing And Adding	04
7	Material Editor, Lights & Light Parameters	04
8	Camera & Camera Features, Path camera, Walk Through	04
9	Rendering Setup & Rendering, Walk Through To Video	08

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Detailed Execution Plan

Name of the Course Module: 1. Introduction to 3ds Max Design

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
1	Introduction To 3ds Max & GUI Unit Setup Application of Tools In Main Tool Bar & Commad Panel.	2	2	-	Day 1

Detailed Execution Plan

Name of the Course Module: 2. Geometry and Objects

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
2	Geometric primitives, Standard primitivies, Extended Primitives , Architectural objects, AEC extended objects	2	2	-	Day 2

Detailed Execution Plan

Name of the Course Module: 3. Editing tools

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
3	Selection Tools, Operating Tools, Mirror & Snaps - Concepts Of 2d Shapes, Extrude Lathe , Loft, Boolean, Using Editable Spline	2	2	-	Day 3

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Detailed Execution Plan

Name of the Course Module: 4. Usage of mesh and poly

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
4	Relation With Auto Cad And Revit Architecture. Mesh & Poly	2	2	-	Day 4

Detailed Execution Plan

Name of the Course Module: 5. Modeling

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
5	Modeling- System, Curtain, Grid, Mullion, Host Sweep, Create, Profile Creation Method	2	2	-	Day 5

Detailed Execution Plan

Name of the Course Module: 6. Usage of tools

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
6	Selection Tools, Operating Tools, Mirror & Snaps - Concepts Of 2d Shapes Extrude Lathe , Loft, Boolean. .... Using Editable Spline	2	2	-	Day 6

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Detailed Execution Plan

Name of the Course 2 Module: 7. Advanced Design parameters

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
7	Introduction To Material Textures And Maps Concepts of texturing And Adding	2	2	-	Day 7

Detailed Execution Plan

Name of the Course Module: 8. 3D design of structures

Duration: 04 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
8	Material Editor, Lights & Light Parameters, Camera & Camera Features, Path camera, Walk Through	2	2	-	Day 8

Detailed Execution Plan

Name of the Course Module: 9. Rendering

Duration: 08 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
9	Rendering works (exterior @ interior), Interior living, Interior Kids- Walk through works - Settings works, printing options (Export and Import)	4	4	-	Day 9

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Course on 3D modelling of Buildings using 3ds Max Design

ATTENDANCE REPORT

S.No	Register No	Name of the student	6/7/15	7/7/15	8/7/15	9/7/15	10/7/15	11/7/15	12/7/15	13/7/15	14/7/15	15/7/15	16/7/15
1	611213103001	AJITHKUMAR. S	P	P	P	P	P	P	P	P	P	P	P
2	611213103002	AMALA. S	P	P	P	P	P	P	P	P	P	P	P
3	611213103003	AMIR IBRAHIM. A	P	P	P	P	P	P	P	P	P	P	P
4	611213103004	ARAVIND.P	P	P	P	P	P	P	P	P	P	P	P
5	611213103006	BOOPALAKANNAN. P	P	P	P	P	P	P	P	P	A	P	P
6	611213103008	BOOPATHY. K	P	P	P	P	P	P	P	P	P	P	A
7	611213103009	DEEPAK KUMAR. C	P	P	P	P	P	P	P	P	P	P	P
8	611213103010	DEVAN. A	P	P	P	P	P	P	P	P	P	P	P
9	611213103011	DEVIPRAKASH.P	P	P	P	P	P	P	P	P	P	P	P
10	611213103012	DINESH KUMAR. A	P	P	P	P	P	P	P	P	P	P	P
11	611213103013	DIVYA. R	P	A	A	P	P	A	P	P	P	P	P
12	611213103014	DYANITH.S	P	P	P	P	P	P	P	A	P	P	P
13	611213103015	ESWARRAJ. B	P	P	P	P	P	P	P	P	P	P	P
14	611213103016	GANESHAN.N	P	P	P	P	P	P	P	P	P	P	P
15	611213103017	GAVIYAA. MA	P	P	P	A	P	P	P	P	P	A	P
16	611213103018	GAYATHRI DEVI. N.R	P	P	P	P	P	P	P	P	P	P	P
17	611213103019	GOKUL.M	P	P	P	P	P	P	P	P	P	P	A
18	611213103020	GOKUL RAJ.A	P	P	P	P	P	P	P	P	P	P	P
19	611213103021	GOWTHAM.S	A	P	P	P	P	P	P	A	P	P	P
20	611213103022	KALAI SELVAN. K	P	P	P	P	P	P	P	P	P	P	P
21	611213103023	KANAGARAJ. S	P	P	P	P	P	P	P	P	P	P	P
22	611213103024	KARTHIK. K	P	P	P	A	P	A	P	P	P	P	P
23	611213103025	KAVIPRIYA.P	P	P	P	P	P	P	P	P	P	P	P
24	611213103026	KUMARAVEL. P	P	P	P	P	P	P	P	P	P	P	P
25	611213103027	LALITHA SREE. S	P	P	P	P	A	P	P	P	A	P	P
26	611213103030	MANIKANDAN. P(1995)	P	P	P	P	P	P	P	P	P	P	P
27	611213103031	MANIKANDAN. P(1996)	P	P	P	P	P	P	P	P	P	P	P
28	611213103032	MANOJ PRABHU. C	P	P	P	P	P	P	P	P	P	P	P
29	611213103049	SHANMUGAPRIYA. M	P	P	P	P	P	P	P	P	P	P	P
30	611213103301	BABU. K	P	P	P	P	P	P	P	P	P	P	P
31	611213103303	KARTHIKEYAN. K	P	P	P	P	P	P	P	P	P	P	P
32	611213103304	C. NATARAJAN	P	P	P	P	P	P	P	P	P	A	P
33	611213103305	NAVEEN RAJ. P	P	P	P	P	P	P	P	P	P	P	P
34	611213103306	PRAVEEN. S.S.M	P	P	P	P	P	P	P	P	P	P	P
35	611213103307	RAJ KUMAR. V	P	P	P	P	P	P	P	P	P	P	P
No. of students present			34	34	34	33	34	33	35	33	33	33	34
No. of students absent			01	1	1	2	1	02	—	02	02	02	01

S. DAYANITHI

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Assessment for course on 3D modelling of Buildings using 3ds Max Design

19/20

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   a. Material
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3. A type of geometric model of a three-dimensional object in which the basic shape is made up of points, or vertices, connected by edges
   a) Maps
   b) NTSC
   c) SMPTE
   d) Mesh
4. Which is a single point in a graphic image.
   a) Faces
   b) Pixel
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   d) Spline
5. Which is the colour that an object reflects when illuminated by "good lighting??" Also referred to as its natural colour.
   a) Editable Poly
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6. which records the beginning and end of each transformation of an object or element in the scene .
   a) Faces
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   d) Vertex
7. A wireframe box that encloses the extents of an object is called_____.

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a) Origin
b) Bounding Box
c) Modifiers
d) Animation

8. Which is a setting or value that you can change.
a) SMPTE
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9. Which provides quick access to tools and dialog boxes for many of the most common tasks in 3DS Max.
a) Status Bar
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a) Title Bar
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c) Material
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11. Area of the User Interface where the objects are displayed is called _____
a) Vectors
b) Gizmo
c) Viewport
d) ViewCube

12. An arbitrary point in space is used as the _____
a) Grids
b) Spline
c) Object
d) Origin

13. Which is used to replicate an image used as a map.
a) Tile
b) Pixel
c) Tweens
d) Edge

14. which is a straight or curved line that connects two vertices in a mesh object or spline.
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15. Images generated by the computer in between the keyframes is called_____
    a) Tweens
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16. Which viewport display setting that lets you view objects in a given viewport as a wire mesh.
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19. A collection of vertices and connecting segments that form a line or curve is called_____.
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21. Which is the standard time display format for most professional animation work?
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    d) Tile

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C. Manoj Prabhu

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P. Kavipriya

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17/20

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M. Gokul

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20/20

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R.Divya

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Assessment for course on 3D modelling of Buildings using 3ds Max Design

18/20

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FEEDBACK FORM
COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: M.A. Gaanya Year/Sem/Sec: II / IV S

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material		✓		
3	Clarity of the content delivery	✓			
4	Hands on training experience	✓			
5	Overall experience about the Course		✓		

Suggestions if any:

Good and Informative

Student Sign:

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FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: S. Amala Year/Sem/Sec: III / 05

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer		✓		
2	Course Material	✓			
3	Clarity of the content delivery	✓			
4	Hands on training experience		✓		
5	Overall experience about the Course	✓			

Suggestions if any:

Good coaching is given
keep it up.

Student Sign:

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FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: K. Dyanithi Year/Sem/Sec: III / 05

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer		✓		
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Suggestions if any:

Good

Student Sign:

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FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: M. Shanmugapriya Year/Sem/Sec: II/IV

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material	✓			
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Suggestions if any:

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Student Sign: M.S

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1	Course Content Delivery by the trainer	✓			
2	Course Material		✓		
3	Clarity of the content delivery	✓			
4	Hands on training experience	✓			
5	Overall experience about the Course	✓			

Suggestions if any:

Good.

Student Sign:

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Knowledge Institute of Technology
Kakapalayam (PO), Salem - 637 504

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DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that Mr/Ms R.Divya of III year student in academic year 2015-16 has completed the course on 3D Modelling of Buildings using 3ds Max Design during the period from 06.07.15 to 16.07.15 at Knowledge Institute of Technology,Salem.

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Kakapalayam (PO), Salem - 637 504

COURSE INSTRUCTOR

HOD/CIVIL

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CERTIFICATE

This is to certify that Mr/Ms M. Gokul of III year student in academic year 2015-16 has completed the course on 3D Modelling of Buildings using 3ds Max Design during the period from 06.07.15 to 16.07.15 at Knowledge Institute of Technology,Salem.

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CERTIFICATE

This is to certify that Mr/Ms P. Kavipriya of III year student in academic year 2015-16 has completed the course on 3D Modelling of Buildings using 3ds Max Design during the period from 06.07.15 to 16.07.15 at Knowledge Institute of Technology,Salem.

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CERTIFICATE

This is to certify that Mr/Ms C. Manoj Prabhu of III year student in academic year 2015-16 has completed the course on 3D Modelling of Buildings using 3ds Max Design during the period from 06.07.15 to 16.07.15 at Knowledge Institute of Technology, Salem.

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CERTIFICATE

This is to certify that Mr/Ms S. Dyanithi of III year student in academic year 2015-16 has completed the course on 3D Modelling of Buildings using 3ds Max Design during the period from 06.07.15 to 16.07.15 at Knowledge Institute of Technology, Salem.

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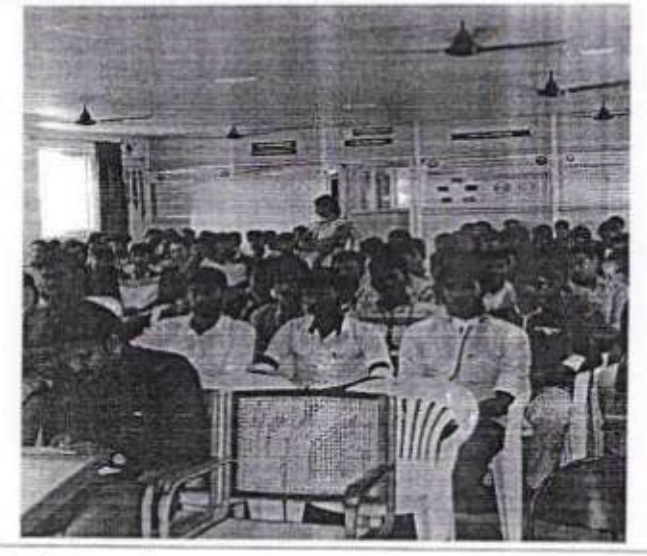
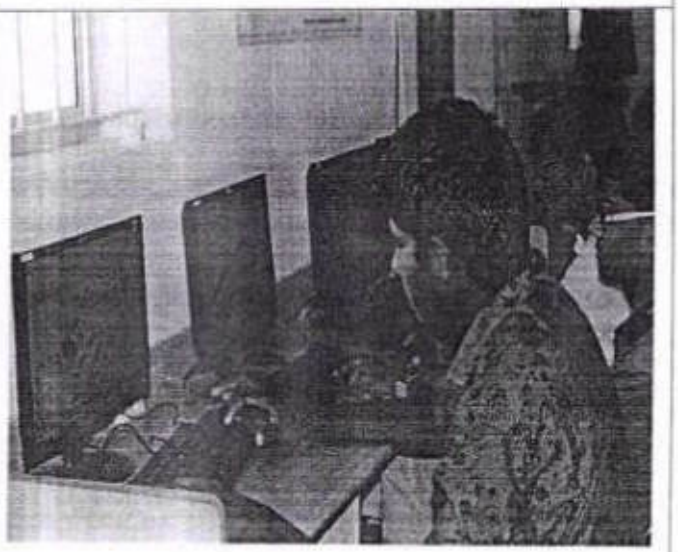
DEPARTMENT OF CIVIL ENGINEERING

REPORT OF THE EVENT

Date	:	13.07.15 to 23.07.15	**Resource person**	:	P.M.Muthukrishnan, Course Instructor, Cadd square, Salem.
Time	:	02.00 pm to 06.00 pm	**Title**	:	Certification Course on **Analysis of structural members using Staad pro v8i**
Venue	:	CC10, D-Block, KIOT.	**No. of Participants**	:	48

1. STAAD.Pro v8i software has included both concrete and steel design together, thus making it a one-stop-point for building design.
2. Due to the availability of a large variety of design codes, this software can easily determine the drift, deflection and depth of any construct. This software can also calculate the reinforcement for the concrete columns, beams and shear wall.
3. STAAD.Pro software contains all the necessary tools required to design a structure. It works in-sync with other programs such as STAAD.Pro Foundation, STAAD.offshore, and RAM Concept for designing of foundations, offshore structures and steel connection, respectively. Also, If you are designing bridges or pipes, the software includes their respective features as well.
4. This training has been organized to enhance the standard of fresh civil engineering graduates to become acceptable to the industry.
5. The veteran trainer shared his long term experiences in the design field and explained the importance of design of building.





Encl: Circular / Brochure / Attendance Sheet

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CIRCULAR

Circular No.	CIVIL/CC/2015-16/03	Date	08.07.2015
To	All HODs. Faculty members & Students		
Subject	Certification Course on **Analysis of Structural members using Staad pro v8i** –reg.		

This is to inform you that Department of Civil Engineering has planned to conduct Certification Course on **Analysis of Structural members using Staad pro v8i** for IV year Civil Engineering students. Registered candidates are requested to attend the course.

Program Details

Date	Session	Venue	Topic	Resource Person
13.07.15 to 23.07.15	AN (02.00 pm to 06.00 pm)	CC10	Certification Course on **"Analysis of Structural members using Staad pro v8i"**	Er. P.M.Muthukrishnan Course Instructor, CAD SQUARE, Salem-4.

Co-ordinators : 1. Mrs.J.Vidhya Nandhini – 8508609672

Course co-ordinator **HOD/Civil** **PRINCIPAL**

MECH	VP Office	CIVIL	EEE	ECE	CSE	S&H	PD	PAT	AO	Trans-port I/C	Hostel NB	Director / Training	Director / Placement	Residential Warden	College NB	Office / File	Class Circulation
*	*	*	*	*	*	*		*			*	*	*		*	*	*

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Certificate Course

on

Analysis of structural members using Staad Pro v8i

13.07.2015 to 23.07.2015

Organized by

Department of Civil Engineering

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INSTITUTE OF TECHNOLOGY

KIOT campus, Kakapalayam (PO), Salem-637 504,
Tamil Nadu, India.
www.kiot.ac.in

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Knowledge Institute of Technology
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ABOUT KIOT

Knowledge Institute of Technology is one of the upcoming Institutions in India. The college was established in the year 2009. Knowledge Institute of Technology is a brainchild of Eminent Professors from leading Engineering Colleges, Philanthropists, Friends and Entrepreneurs who would like to contribute in nation building by establishing higher learning Institutions. The cutting edge infrastructure, well experienced faculty and accomplished staff make KIOT as a Premier Centre for learning. The college offers 5 B.E. courses and 4 M.E. courses. The vast experience of the promoters in training the students for all-round professionals and skill development ensures every student to transform into an evolved individual and a highly employable professional.

ABOUT THE DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering branch of KIOT was started in the year 2010-11. The faculty members are well experienced and qualified in different specializations. In the enhancement of research forum, the department has established a "Centre for Sustainable Building Research" and initiated the LEED Lab (Leadership in Energy and Environmental Design) in association with United States Green Building Council (USGBC) and Centre of Excellence on "Remote Sensing & GIS" in association with SAKURA for carrying out research, teaching and consultation activities in various disciplines of Civil Engineering. The vast experience of the promoters in training the students for all-round professionals and skill development ensures every student to transform into an evolved individual and a highly employable professional.

SYLLABUS

1.Introduction to Staad Pro v8i

Introduction, STAAD plane (member incidence), STAAD space (joint coordinate method).

2. Objects

Translational repeat & circular repeat, copy, move, Beams & Structure wizard, Selection methods

3. Analysis of structural members

Analysis of beams, columns, truss, plates-Animation.

4. Design of structural members

Concrete design ,Design of beams & columns
Steel design

5.Report Creation

Design of footing, column and slab, Printing option, report setup, export @ import options.

For Registration Kindly Contact:
Mrs.J.Vidhya Nandhini/AP/Civil,
M: 85086 09672,
Mail:jvncivil@kiot.ac.in

From

01/06/2015, Salem

J.Vidhya Nandhini,
Assistant Professor,
Department of civil engineering,
Knowledge Institute of Technology,
Salem- 637 504.

To

The Principal,
Knowledge Institute of Technology,
Salem- 637504.

Through,
Head of the Department/CIVIL

Respected Sir,

Subject: Requisition for Conducting Certification Course-Reg.

We have planned to conduct certification course on **"Analysis of Structural members using Staad pro V8i"**. It will be helpful for our IV Year Civil Engineering students through which they can enrich their knowledge in Structural analysis and design for various buildings. In this regards we request you to endowment as permission to conduct the course. This course is not in our curriculum and will be helpful for the skill development and placement of our students.

The course details are as follows:

Description	Particulars
Year	IV (Civil Engineering Students)
Name of the Course	**Analysis of Structural members using Staad pro V8i**
Duration	13.07.2015 to 23.07.2015 (10 days)
Company/ Resource Person	**Er. P.M.Muthukrishnan,** Course Instructor, Cadd square, Salem
Total Number of Students Registered	**48** Nos.

Thank you sir

Yours truly,

(J.VidhyaNandhini)

HOD/CIVIL

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DEPARTMENT OF CIVIL ENGINEERING

REGISTERED STUDENTS FOR CERTIFICATION COURSE

The following students have been registered for the various certification courses conductd by the department of civil engineering for the AY 2015-16

S.No	Register No	Name of the student	Name of the certificate courses	Start Date	End Date	Duration Hrs (10 Days)
1	611212103001	ANITHA.R	Analysis of Structural members using Staad pro vi8	13-07-2015	23-07-2015	40
2	611212103002	ARAVINDH.P				
3	611212103003	ARUL MANI.S				
4	611212103004	BHUVANESHWARI.V				
5	611212103009	DHANASEKARAN.A				
6	611212103010	DHARANYA.N				
7	611212103011	DHINESH MURUGAN.M				
8	611212103012	DINESHBABU.K				
9	611212103013	GNANA PRIYANKA.R				
10	611212103014	GOKILA PRIYA.S				
11	611212103016	GOWSHIK.N				
12	611212103017	GOWTHAM.V				
13	611212103018	GOWTHAMAN.R				
14	611212103021	JAFAR SHATHIK.S				
15	611212103022	JAYA PRADEEP.S				
16	611212103023	JAYASEELAN.M				
17	611212103024	JEGATHEESWARI.A				
18	611212103025	KANNAN.N				
19	611212103026	KARTHICK.S				
20	611212103032	LOGESH.B				
21	611212103033	LOGESH.R				
22	611212103034	MANIKANDAN.M				
23	611212103039	MOUNESH.S.M				
24	611212103040	MUKESH.R				

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S.No	Register No	Name of the student	Name of the certificate courses	Start Date	End Date	Duration Hrs (10 Days)
25	611212103041	NAVEEN KUMAR.A				
26	611212103042	PAVITHRA.R	Analysis of Structural members using Staad pro vi8	13-07-2015	23-07-2015	40
27	611212103043	RAJEEV GANDHI.N				
28	611212103044	RAJGUNA.G				
29	611212103045	RAMESH.K				
30	611212103051	SOUNDARRAJAN.S				
31	611212103052	SOWMIYA.M				
32	611212103053	SURESH.K				
33	611212103054	SUTHARSAN.S				
34	611212103055	TAMIL KUMARAN.S				
35	611212103056	THAMARAI KANNAN.K				
36	611212103057	UDHAYASANKARI.R.A				
37	611212103058	VARUN. P.G				
38	611212103059	VINOTHKUMAR.S				
39	611212103302	ASWIN. A				
40	611212103303	DINESHBABU.M				
41	611212103304	JAYAPRAKASH. P				
42	611212103305	KATHIRVEL. M				
43	611212103306	KEERTHANA. J				
44	611212103307	KIRUBAKARAN. S.K				
45	611212103308	MUGESH. A				
46	611212103310	SARANKUMAR. S				
47	611212103311	SUGANYA. G				
48	611212103312	VIPISHAN. S				

COURSE CO-ORDINATOR

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KNOWLEDGE INSTITUTE OF TECHNOLOGY Department of Civil Engineering Course Plan			
Name of the Course	**Analysis of structural members using Staad Pro vi8**	**Semester**	07
Level-1 Module	05	Number of Hours	40 hours

EXECUTION SCHEDULE

Module No.	Name of the Module LEVEL 1	No. of Hours
1	Introduction, STAAD plane (member incidence)STAAD space (joint coordinate method)	16
2	Translational repeat & circular repeat, copy, move, Beams & Structure wizard, Selection methods	16
3	Analysis of beams, columns, truss, plates-Animation	16
4	Concrete design ,Design of beams & columns Steel design	16
5	Design of footing, column and slab, Printing option, report setup, export @ import options	16

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Detailed Execution Plan

Name of the Course Module: 1. Introduction to Staad pro vi8

Duration: 08 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
1	Introduction, STAAD plane, (member incidence)STAAD space (joint coordinate method)	4	4	-	Day 1 and Day 2

Detailed Execution Plan

Name of the Course Module: 2. Selection of members

Duration: 08 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
2	Translational repeat & circular repeat, copy, move, Beams & Structure wizard, Selection methods	4	4	-	Day 3 and Day 4

Detailed Execution Plan

Name of the Course Module: 3. Analysis

Duration: 08 hours

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
3	Analysis of beams, columns, truss, plates-Animation	4	4	-	Day 5 And Day 6

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Detailed Execution Plan

Name of the Course Module: 4. Design of Concrete and Steel

Duration: 08

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
4	Concrete design ,Design of beams & columns Steel design	4	4	-	Day 7 And Day 8

Detailed Execution Plan

Name of the Course Module: 5. Printing of Data

Duration: 08

Module No.	Name of the Module	Teaching Hours	Practical Hours	Self-Study Hours	Course Plan (Day wise)
5	Design of footing, column and slab, Printing option, report setup, export @ import options	4	4	-	Day 9 and Day 10

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DEPARTMENT OF CIVIL ENGINEERING

Course on Analysis of Structural members using Staad pro v8i

ATTENDANCE REPORT

S.No	Register No	Name of the student	13/7/15	14/7/15	15/7/15	16/7/15	17/7/15	18/7/15	19/7/15	20/7/15	21/7/15	22/7/15	23/7/15
1	611212103001	ANITHA.R											
2	611212103002	ARAVINDH.P											
3	611212103003	ARUL MANI.S											
4	611212103004	BHUVANESHWARI.V											
5	611212103009	DHANASEKARAN.A											
6	611212103010	DHARANYA.N											
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8	611212103012	DINESHBABU.K											
9	611212103013	GNANA PRIYANKA.R											
10	611212103014	GOKILA PRIYA.S											
11	611212103016	GOWSHIK.N											
12	611212103017	GOWTHAM.V											
13	611212103018	GOWTHAMAN.R											
14	611212103021	JAFAR SHATHIK.S											
15	611212103022	JAYA PRADEEP.S											
16	611212103023	JAYASEELAN.M											
17	611212103024	JEGATHEESWARI.A											
18	611212103025	KANNAN.N											
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23	611212103039	MOUNESH.S.M											
24	611212103040	MUKESH.R											
25	611212103041	NAVEEN KUMAR.A											
26	611212103042	PAVITHRA.R											
27	611212103043	RAJEEV GANDHI.N											

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28	611212103044	RAJGUNA.G											
29	611212103045	RAMESH.K											
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34	611212103055	TAMIL KUMARAN.S											
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46	611212103310	SARANKUMAR. S											
47	611212103311	SUGANYA. G											
48	611212103312	VIPISHAN. S											
49	611211103314	SITHESHWARI. S											
50	611211103315	SIVA KUMAR. K											
51	611211103316	TAMILSELVI. M											
52	611211103317	VENKATESAN. G											
53	611211103318	VINOTHKUMAR. S											
	No. of students present		50	51	51	51	52	51	50	51	52	51	51
	No. of students absent		03	02	02	02	01	02	03	02	01	02	02
	Course Co-ordinator												

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K. Suresh

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Assessment for course on Analysis of structural members using Staad pro v8i

20/20

R.Y — P

1. In floor load, Y is the :
   A) Affective height
   B) Floor height
   C) Building height
   D) All of the Above
2. In Concentrated Load, P is :
   A) All of the above
   B) Force Direction
   C) Perpendicular distance from the member
   D) Value of Load
3. For Plates, Which one of the following is true?
   A) In order to release a Plate you can release the Beams holding the plate
   B) You can release the Nodes of the Plates.
   C) You can release more than one Nodes of the Plates.
   D) Options B & C.
4. B.E.A.V.A supports
   A) UK BS 5400
   B) IRC chapter 2
   C) IS 456
   D) All of the Above
5. STAAD.Pro Perform Analysis is:
   A) Taking into consideration the Displacement of Nodes
   B) Taking into consideration the Stiffness Corection
   C) Multi- Iteration Analysis
   D) None of the Above
6. Dead loads are self-weights of material, equipment, or components that are relatively constant throughout the structure's life.Marks 1
   A) true
   B) false
7. In Meshing Parametric dialog box, by default, bias value is ___ and divi value is ___.
   A) Bias is 1 Divi is 15
   B) Bias is 1 Divi is 11
   C) Bias is 2 Divi is 10
   D) Bias is 1 Divi is 10

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8. You can also edit the parameters in structure wizards models
   A) true
   B) false
9. . Which of the following sub-pages are in Foundation Plan Pages?
   A) Linear Grid Setting
   B) Radial Grid Setup
   C) Column Positioning
   D) Column Dimension and width
10. 10. How many types of meshing we have in STAAD.Pro?
   A) 1
   B) 2
   C) 5
   D) 4
11. By default, Response Reduction Factor Value for Special RC Moment Resisting Frame is?
   A) 1
   B) 3
   C) 6
   D) 5
12. The _____ group allows you to change the display of load arrows.
   A) Modeling Scale
   B) Loading Scale
   C) Displacement
   D) Result Scales
13. In track parameter, we have which of the following values?
   A) 2,3,4
   B) 0,1,2
   C) 1,0,2
   D) 1,2,3
14. How many types of Models are available in the Structure Wizard?
   A) 5
   B) 8
   C) 7
   D) 6
15. In concrete design parameter, by default, value for clt (Clear Cover top) is:
   A) 25mm
   B) 12mm
   C) 30mm
   D) 20mm
16. The minimum and maximum limits of number of divisions of each side are 1 to 100.
   A) true

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B) False

17. With the help of which of the following functions, you can duplicate Nodes, Beams, and Plates, in the direction of X,Y,Z?
    A) Circular Repeat
    B) Mirror
    C) Translational Repeat
    D) Insert Nodes
18. Indian Standard Criteria for Earthquake Resistant design of Structure is?
    A) Is 1893-2003
    B) Is 1893-2002
    C) Is 1892-2005
    D) Is 1892-2003
19. In how many ways can we assign support to Nodes?
    A) 1
    B) 4
    C) 2
    D) 5
20. Pinned Support will have _____ reactions.Marks 1
    A) 2
    B) 6
    C) 4
    D) 3

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Varun G

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Assessment for course on Analysis of structural members using Staad pro v8i

19/20

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   - B) Floor height
   - C) Building height
   - D) All of the Above
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   C) Column Positioning
   D) Column Dimension and width
10. 10. How many types of meshing we have in STAAD.Pro?
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   C) 5
   D) 4
11. By default, Response Reduction Factor Value for Special RC Moment Resisting Frame is?
   A) 1
   B) 3
   C) 6
   D) 5
12. The _____ group allows you to change the display of load arrows.
   A) Modeling Scale
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13. In track parameter, we have which of the following values?
   A) 2,3,4
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14. How many types of Models are available in the Structure Wizard?
   A) 5
   B) 8
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15. In concrete design parameter, by default, value for clt (Clear Cover top) is:
   A) 25mm
   B) 12mm
   C) 30mm
   D) 20mm
16. The minimum and maximum limits of number of divisions of each side are 1 to 100.
   A) true

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B) false

17. With the help of which of the following functions, you can duplicate Nodes, Beams, and Plates, in the direction of X,Y,Z?
    A) Circular Repeat
    B) Mirror
    C) Translational Repeat
    D) Insert Nodes
18. Indian Standard Criteria for Earthquake Resistant design of Structure is?
    A) Is 1893-2003
    B) Is 1893-2002
    C) Is 1892-2005
    D) Is 1892-2003
19. In how many ways can we assign support to Nodes?
    A) 1
    B) 4
    C) 2
    D) 5
20. Pinned Support will have _____ reactions.Marks 1
    A) 2
    B) 6
    C) 4
    D) 3

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M Soumya

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Assessment for course on Analysis of structural members using Staad pro v8i

17
20

1. In floor load, Y is the :
   A) Affective height
   B) Floor height
   C) Building height
   D) All of the Above
2. In Concentrated Load, P is :
   A) All of the above
   B) Force Direction
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   D) Value of Load
3. For Plates, Which one of the following is true?
   A) In order to release a Plate you can release the Beams holding the plate
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4. B.E.A.V.A supports
   A) UK BS 5400
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   D) All of the Above
5. STAAD.Pro Perform Analysis is:
   A) Taking into consideration the Displacement of Nodes
   B) Taking into consideration the Stiffness Corection
   C) Multi- Iteration Analysis
   D) None of the Above
6. Dead loads are self-weights of material, equipment, or components that are relatively constant throughout the structure's life.Marks 1
   A) true
   B) false
7. In Meshing Parametric dialog box, by default, bias value is ___ and divi value is ___.
   A) Bias is 1 Divi is 15
   B) Bias is 1 Divi is 11
   C) Bias is 2 Divi is 10
   D) Bias is 1 Divi is 10

PM

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8. You can also edit the parameters in structure wizards models
   A) true
   B) false
9. . Which of the following sub-pages are in Foundation Plan Pages?
   A) Linear Grid Setting
   B) Radial Grid Setup
   C) Column Positioning
   D) Column Dimension and width
10. 10. How many types of meshing we have in STAAD.Pro?
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Aswin.A
IV-year-Civil

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S. Vinoth Kumar

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    D) 3

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CERTIFICATE

This is to certify that Mr/Ms P. G. VARUN of IV year student in academic year 2015-2016 has completed the course on ANALYSIS OF STRUCTURAL MEMBERS USING STAAD PRO V8i during the period from 13/07/15 to 23/07/15 at Knowledge Institute of Technology, Salem.

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P.M. Muthukumar
COURSE INSTRUCTOR

P.M.S
HOD/CIVIL

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COURSE INSTRUCTOR	HOD/CIVIL	PRINCIPAL

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COURSE INSTRUCTOR	HOD/CIVIL	PRINCIPAL

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COURSE INSTRUCTOR	HOD/CIVIL	PRINCIPAL

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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: S. Asul Mani Year/Sem/Sec: IV / 07

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material	✓			
3	Clarity of the content delivery		✓		
4	Hands on training experience	✓			
5	Overall experience about the Course		✓		

Suggestions if any:

good and useful

Student Sign: S. Asul

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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: S. Soundarrajan Year/Sem/Sec: IV/07

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material	✓			
3	Clarity of the content delivery	✓			
4	Hands on training experience	✓			
5	Overall experience about the Course	✓			

Suggestions if any:

1) useful
2) Informative

Student Sign:

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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: R. Gnana Poryanka Year/Sem/Sec: IV/7

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer		✓		
2	Course Material	✓			
3	Clarity of the content delivery	✓			
4	Hands on training experience		✓		
5	Overall experience about the Course	✓			

Suggestions if any:

Please must improve the timing for practice session

Student Sign: R. Gnana

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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: J. Keerthana Year/Sem/Sec: IV/08

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer	✓			
2	Course Material	✓			
3	Clarity of the content delivery	✓			
4	Hands on training experience	✓			
5	Overall experience about the Course	✓			

Suggestions if any:

→ Gained very good Knowledge.
→ Practise Session is very active.

Student Sign:

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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: K. Thamaraikannan Year/Sem/Sec: IV/07

S.No	Feedback Questions	Good	Excellent	Moderate	Need to be improved
1	Course Content Delivery by the trainer		✓		
2	Course Material			✓	
3	Clarity of the content delivery			✓	
4	Hands on training experience		✓		
5	Overall experience about the Course			✓	

Suggestions if any:

→ Voice Not audible
→ Well explained.

Student Sign:

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