

ACEDMIC YEAR

2014-2015



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

Beyond Knowledge

Report of Program / Event Conducted

Name of the Program / Event	Solid Modeling (Level-1) using CATIA software		
Resource Person details	Mr.A.CHANDRAKUMAR, Assistant Professor, Dept. of Mechanical Engg. KIOT		
Organizing Dept. / Cell	Mechanical	Details of Participant	IV Students= 19
Date, Time and Venue	14.06.2014 – 26.06.2014 COE – CRCPDT, A-Block, KIOT.		

Description of the program

1. He discussed about 4 features of CATIA V5 software. It contains CATIA Basics level.
2. He explained about sketcher workbench, part modeling, 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,
Kakkoalavam (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

OK
/

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

09.06.2014

Forwarded to the Principal

a.v.i

Yours Faithfully



Dr.H.Abdul Zubar



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Akopalavam (PO) Salem - 637 504

Certificate Course on Solid Modeling (Level-1) using CATIA Software

14.06.2014 to 26.06.2014



Original Knowledge

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 24 years experience in teaching and research, supervised 13 Ph.Ds, supervising 5 Ph.D. scholars, and published over 135 research articles in International and National forums. The Institute is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The college offers B.E. Programs in Mechanical Engg, Civil, ECE, EEE and CSE, M.E programs in Industrial Safety Engineering, CSE, VLSI and Embedded System Technologies. In addition, M.E. Thermal Engineering and Structural Engineering will be established in forth coming academic year. 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 6 years. The students of KIOT bagged 1 gold medal, 16 university ranks and has a placement record of 273 got placed in reputed companies among 285 students rolled out in the year 2014 and 82% of the eligible students recruited by reputed companies as on now in the year 2015. The institute has a team of 191 dedicated faculty members, 14 faculty with Ph.D, and 23 faculty pursuing their research.

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. Stiffener.

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

Shrink, 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, Extremum and Extremum 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

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CIRCULAR


Circular No.		Date	09.06.2014
To	IV-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 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-1) using CATIA software	COE – CRCPDT, A-Block, KIOT. 14.06.2014 – 26.06.2014	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


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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

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, Extremum and Extremum 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

Sl. No	Reg.No	Name of the Student	Year/Section	Remarks
1	611211114002	ARAVINDH.R	IV/VII	
2	611211114003	ARUNKUMAR.M	IV/VII	
3	611211114007	DHAMOTHARAN.S	IV/VII	
4	611211114009	GAYATHRI.P	IV/VII	
5	611211114010	GOPAL.S	IV/VII	
6	611211114018	MADHANPRASAD.R	IV/VII	
7	611211114023	MANOJPRABHAKAR	IV/VII	
8	611211114025	MOHAN.P	IV/VII	
9	611211114026	MOHANRAJ.M	IV/VII	
10	611211114033	PRAVEENKUMAR.S	IV/VII	
11	611211114034	RAJA.R	IV/VII	
12	611211114038	RAVINDRANATH.R.C	IV/VII	
13	611211114040	SAMPATHKUMAR.K	IV/VII	
14	611211114051	VEERAMANIKANDAN	IV/VII	
15	611211114054	VIJAYKUMAR.D	IV/VII	
16	611211114055	VINOTHKUMAR.R.V	IV/VII	
17	611211114056	VINOTHKUMAR.M	IV/VII	
18	611211114309	RAJKUMAR.P	IV/VII	
19	611211114315	SUGAVANAN.R	IV/VII	


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DEPARTMENT OF MECHANICAL ENGINEERING
HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE
TRAINING ATTENDANCE SHEET (14.06.2014 to 26.06.2014)

Sl. No	Reg.No	Name of the Student	Year/Section	14.06.14	16.06.14	17.06.14	18.06.14	19.06.14	20.06.14
1	611211114002	ARAVINDH.R	IV/VII	/	/	/	/	/	/
2	611211114003	ARUNKUMAR.M	IV/VII	/	/	/	/	/	/
3	611211114007	DHAMOTHARAN.S	IV/VII	/	/	/	/	/	/
4	611211114009	GAYATHRI.P	IV/VII	a	/	/	/	/	/
5	611211114010	GOPAL.S	IV/VII	/	/	/	/	/	/
6	611211114018	MADHANPRASAD.R	IV/VII	/	/	/	/	/	/
7	611211114023	MANOJPRABHAKAR	IV/VII	/	/	/	/	a	/
8	611211114025	MOHAN.P	IV/VII	/	a	/	/	/	/
9	611211114026	MOHANRAJ.M	IV/VII	/	/	/	/	/	/
10	611211114033	PRAVEENKUMAR.S	IV/VII	/	/	/	/	/	/
11	611211114034	RAJA.R	IV/VII	/	/	/	/	/	/
12	611211114038	RAVINDRANATH.R.C	IV/VII	/	/	/	/	/	/
13	611211114040	SAMPATHKUMAR.K	IV/VII	/	/	a	/	/	/
14	611211114051	VEERAMANIKANDAN	IV/VII	/	/	/	/	/	/
15	611211114054	VIJAYKUMAR.D	IV/VII	/	/	/	/	/	/
16	611211114055	VINOTHKUMAR.R.V	IV/VII	/	/	/	/	/	/
17	611211114056	VINOTHKUMAR.M	IV/VII	/	/	/	/	/	a
18	611211114309	RAJKUMAR.P	IV/VII	/	/	/	/	/	/
19	611211114315	SUGAVANAN.R	IV/VII	a	/	/	/	/	/
No. of Students Present				17	18	18	19	18	18
No. of Students Absent				2	1	1	0	1	1
Faculty Signature				AM	AM	AM	AM	AM	AM


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HARITA TECH SERV-CERTIFICATE COURSE
SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE
TRAINING ATTENDANCE SHEET (14.06.2014 to 26.06.2014)

Sl. No	Reg.No	Name of the Student	Year/Section	21.06.14	23.06.14	24.06.14	25.06.14	26.06.14
1	611211114002	ARAVINDH.R	IV/VII	/	/	/	a	/
2	611211114003	ARUN KUMAR.M	IV/VII	/	/	/	/	/
3	611211114007	DHAMOTHARAN.S	IV/VII	/	/	/	/	/
4	611211114009	GAYATHRI.P	IV/VII	a	/	/	/	/
5	611211114010	GOPAL.S	IV/VII	/	/	/	/	a
6	611211114018	MADHAN PRASAD.R	IV/VII	/	/	/	/	/
7	611211114023	MANOJPRABHAKAR.S	IV/VII	/	/	/	a	/
8	611211114025	MOHAN.P	IV/VII	/	/	/	/	/
9	611211114026	MOHANRAJ.M	IV/VII	/	/	/	/	/
10	611211114033	PRAVEENKUMAR.S	IV/VII	/	/	/	/	/
11	611211114034	RAJA.R	IV/VII	a	/	a	/	/
12	611211114038	RAVINDRANATH.R.C.	IV/VII	/	/	/	/	/
13	611211114040	SAMPATHKUMAR.K	IV/VII	/	/	/	/	/
14	611211114050	THARUNKUMAR.S	IV/VII	/	/	/	a	/
15	611211114054	VIJAYKUMAR.D	IV/VII	/	/	/	/	/
16	611211114055	VINOTHKUMAR.R.V.	IV/VII	/	/	/	/	/
17	611211114056	VINOTHKUMAR.M	IV/VII	/	/	/	/	/
18	611211114309	RAJKUMAR.P	IV/VII	a	/	/	/	/
19	611211114315	SUGAVANAN.R	IV/VII	/	/	/	/	/
No. of Students Present				16	19	18	17	18
No. of Students Absent				3	0	1	2	1
Faculty Signature								

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Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

Name: *P. Mohan*

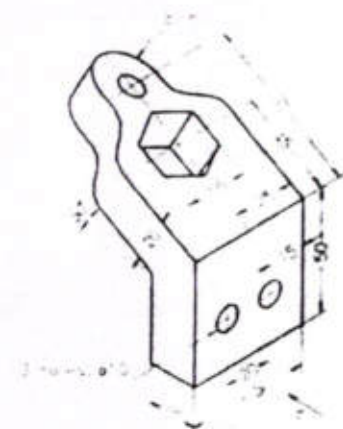
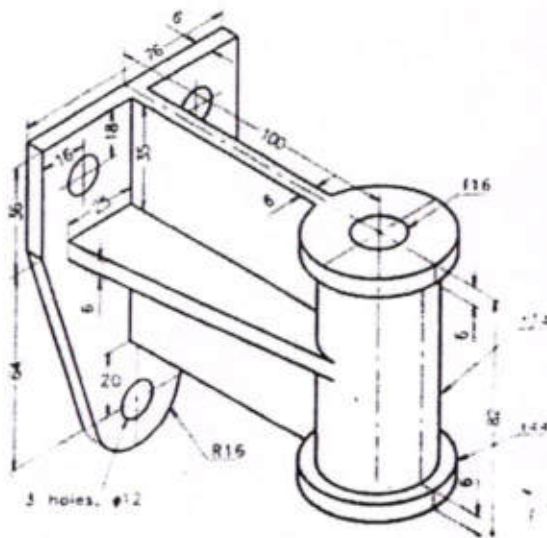
Reg. No: *61121114025*

Year/Sem/Sec: *IV/VII*

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTTED	MARKS OBTAINED
1	PART-A (SKETCHER)	50	<i>45</i>
2	PART-B (PART DESIGN)	50	<i>45</i>
TOTAL MARKS		100	<i>90</i>

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Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

Name: R Raja

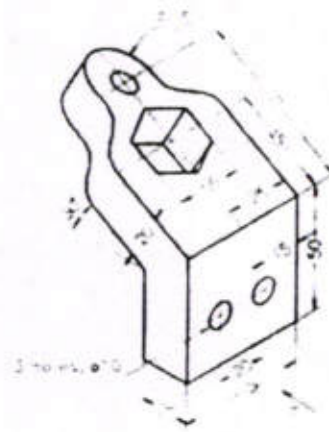
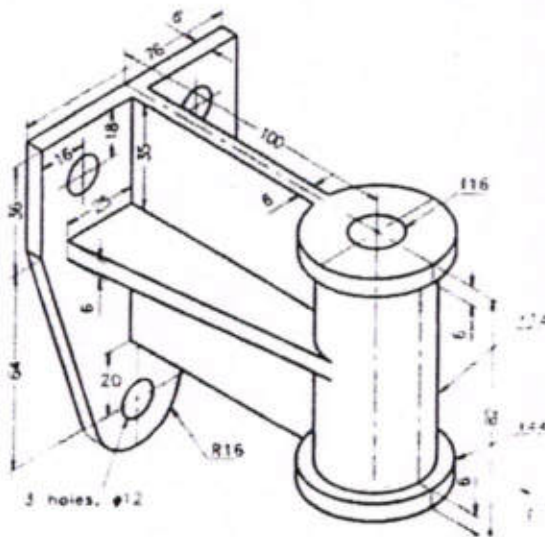
Reg. No: 61121114034

Year/Sem/Sec: IV VII

ASSESSMENT TEST

S.NO.	DESCRIPTION	MARKS ALLOTTED	MARKS OBTAINED
1	PART-A (SKETCHER)	50	50
2	PART-B (PART DESIGN)	50	50
TOTAL MARKS		100	60

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Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

Name: D. Vijaykumar

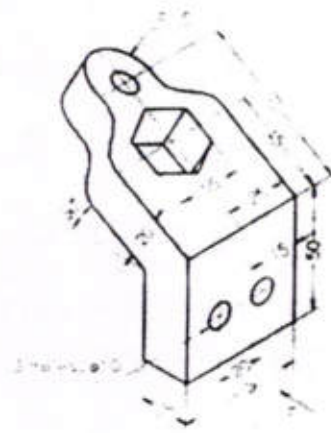
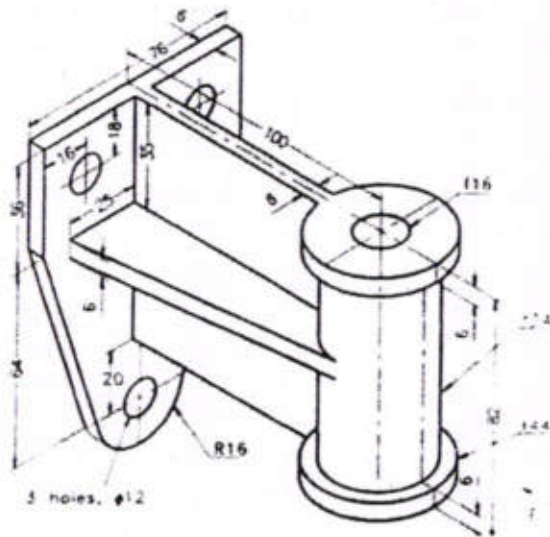
Reg. No: 61121114054

Year/Sem/Sec: IV/VII

ASSESSMENT TEST

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

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Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

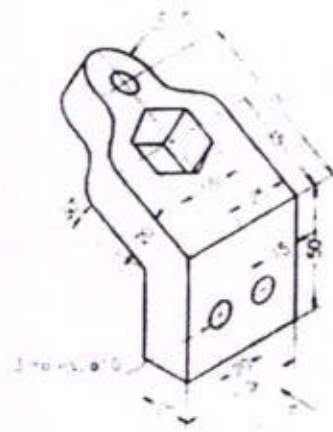
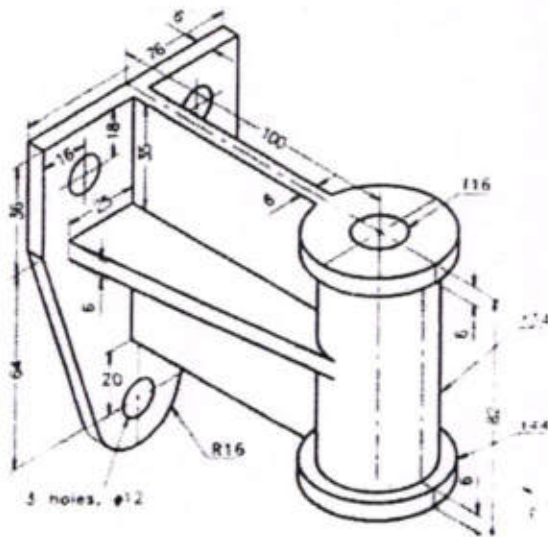
Name: R. Rajkumar

Reg. No: 61121114309

Year/Sem/Sec: IV/VI

ASSESSMENT TEST

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



Pm
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Akpalavam (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 MARKS

26.6.2016

Sl. No	Reg.No	Name of the Student	Year/ Section	Marks (100)
1	611211114002	ARAVINDH.R	IV/VII	85
2	611211114003	ARUNKUMAR.M	IV/VII	70
3	611211114007	DHAMOTHARAN.S	IV/VII	65
4	611211114009	GAYATHRI.P	IV/VII	100
5	611211114010	GOPALS	IV/VII	75
6	611211114018	MADHANPRASAD.R	IV/VII	80
7	611211114023	MANOJPRABHAKAR	IV/VII	85
8	611211114025	MOHAN.P	IV/VII	90
9	611211114026	MOHANRAJ.M	IV/VII	95
10	611211114033	PRAVEENKUMAR.S	IV/VII	65
11	611211114034	RAJA.R	IV/VII	60
12	611211114038	RAVINDRANATH.R.C	IV/VII	70
13	611211114040	SAMPATHKUMAR.K	IV/VII	75
14	611211114051	VEERAMANIKANDAN	IV/VII	85
15	611211114054	VIJAYKUMAR.D	IV/VII	80
16	611211114055	VINOTHKUMAR.R.V	IV/VII	65
17	611211114056	VINOTHKUMAR.M	IV/VII	85
18	611211114309	RAJKUMAR.P	IV/VII	90
19	611211114315	SUGAVANAN.R	IV/VII	80

AK

FACULTY INCHARGE

u.v.v.

HOD/MECH

PR

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



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TECHNOLOGY**

**HARITA TECHSERV
LIMITED**



Certificate of Completion

This certificate is awarded to
GAYATHRI.P (611211114009)

In recognition of successful completion of

“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”

Conducted by “CRCPDT-Harita Techserv Limited” from 14.06.2014 to 26.06.2014
Department of Mechanical Engineering, Knowledge Institute of Technology salem,
Tamilnadu, India


Mr.M.Sathyathan
Coordinator


Dr.K.Visagavel
HOD/Mechanical


Dr.PSS.Srinivasan
Principal


R.Shankarnarayanan
COO/Harita Techserv Limited


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Certificate of Completion

This certificate is awarded to

GOPAL.S (611211114010)

In recognition of successful completion of

“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”

Conducted by “CRCPDT-Harita Techserv Limited” from 14.06.2014 to 26.06.2014
Department of Mechanical Engineering, Knowledge Institute of Technology salem,
Tamilnadu, India

pm
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Knowledge Institute of Technology
Kopalavaram (PO) Salem - 637 504

kat
Mr.M.Sathyathan
Coordinator

u.v.v.
Dr.K.Visagavel
HOD/Mechanical

pm
Dr.PSS.Srinivasan
Principal

R.Shankar
R.Shankarnarayanan
COO/Harita Techserv Limited



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Certificate of Completion

This certificate is awarded to
MOHAN.P (611211114025)

In recognition of successful completion of

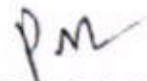
“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”

Conducted by “CRCPDT-Harita Techserv Limited” from 14.06.2014 to 26.06.2014
Department of Mechanical Engineering, Knowledge Institute of Technology salem,
Tamilnadu, India


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Mr. M. Sathyanathan
Coordinator


Dr. K. Visagavel
HOD/Mechanical


Dr. PSS. Srinivasan
Principal


R. Shankarnarayanan
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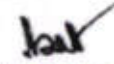
This certificate is awarded to

RAJA.R (611211114034)

In recognition of successful completion of

“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”


Conducted by “CRCPDT-Harita Techserv Limited” from 14.06.2014 to 26.06.2014
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


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Chakrapalavam (PO) Salem - 637 504



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Certificate of Completion

This certificate is awarded to
RAJKUMAR.P (611211114309)

In recognition of successful completion of

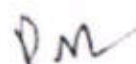
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Department of Mechanical Engineering, Knowledge Institute of Technology salem,
Tamilnadu, India


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


Mr.M.Sathyanathan
Coordinator


Dr.K.Visagavel
HOD/Mechanical


Dr.PSS.Srinivasan
Principal


R.Shankarnarayanan
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: P. Gaythri

Year/Sem/Sec: IV/VII

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

P. Gaythri
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:

P. Mohan

Year/Sem/Sec:

IV/VII

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

P. Mohan

Signature of the Candidate

Pm

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Talakalavam (PO) Salem - 637 504



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Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

Name: S. Gopal

Year/Sem/Sec: IV/VII

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

P. M. N. LIPAL,

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

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:

S. Praveen Kumar

Year/Sem/Sec:

IV/VII

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

S. Praveen Kumar

Signature of the Candidate

PK

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Department Of Mechanical Engineering

FEEDBACK FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

Name: Sugavanan. R

Year/Sem/Sec: N / VII

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

Sugavanan. R.
Signature of the Candidate


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

Fwd: Letter of Intent - Knowledge Institute of Technology

1 message

 Visagavel Kolandaivel <vp@kiot.ac.in>
 To: "hazmech@kiot.ac.in" <hazmech@kiot.ac.in>

Sat, Oct 17, 2015 at 12:18 PM

Sent from my iPhone

Begin forwarded message:

From: Srividhya G <g.srividhya@harita.co.in>
Date: 13 October 2015 at 18:08:24 IST
To: po.mech@kiot.ac.in, vp@kiot.ac.in
Cc: Harish Chandra Saras <harishchandrasaras@harita.co.in>, Shankamarayanan R <r.shankamarayanan@harita.co.in>, Sudhir R <r.sudhir@harita.co.in>, Paulraj S <s.paulraj@harita.co.in>, P Anuradha <p.anuradha@harita.co.in>
Subject: Re: Letter of Intent - Knowledge Institute of Technology

Dear Sir,

Greetings!!!

As per our earlier LOI , request you to kindly inform the below students to report to our Bangalore office on 26-October (Monday) at 10.00 AM for Joining.

1	Raja Rajamani
2	Dhamotharan S
3	Veeramanikandan
4	Vinothkumar N

Office Address:

Harita Techserv Limited,
 468, 80 Feet Road, Sixth Block, Koramangala, Bengaluru - 560 095.
 Contact Person : Mr.Sudhir -Manager- RM
 Contact No : +91 8892069132
 Mail ID: r.sudhir@harita.co.in

They will be entitled for 1 week free accommodation and they are requested to report with following documents on the date of joining.

1. Permanent & temporary address proof (with nearest landmark) – Pan card / Driving license / Voter ID
2. 6 passport size photographs
3. Copies of all certificates

For any clarifications, students can reach Ms.Anuradha @ 9840247415


 P R N LIPAL,
 Knowledge Institute of Technology
 Akapalavam (PO) Salem - 637 504

11/27/2019

Knowledge Institute of Technology Mail - Fwd: Letter of Intent - Knowledge Institute of Technology

You Think. We Do.



G Srividhya
Head - Human Resource

Harita Techserv Limited
#9, Murrays Gate Road,
3D, 2nd Floor, Alwarpet,
Chennai - 600 018
Hp: +91 - 9840303359

www.harita.in

On Tue, Oct 13, 2015 at 6:03 PM, Harish Chandra Saras <harishchandrasaras@harita.co.in> wrote:
FYI

Regards

Harish C Saras
Delivery Head
Harita Techserv Limited | #468, 80 Feet Road |
|6th Block, Koramangala | Bengaluru - 560095, Karnataka |
P: +91 (080)41189100-Ext.102 | M: +91 8971433422
harishchandrasaras@harita.co.in
www.harita.in

----- Forwarded message -----

From: **Harish Chandra Saras** <harishchandrasaras@harita.co.in>
Date: Wed, Apr 15, 2015 at 9:54 AM
Subject: Letter of Intent - Knowledge Institute of Technology
To: VP KIOT <vp@kiot.ac.in>, po.mech@kiot.ac.in
Cc: Shankamarayanan R <r.shankamarayanan@harita.co.in>

Dear Sirs,

Please find the LOI of the selected candidates from KIOT, Salem at the campus interview conducted on 3rd week of Mar'15

Issue the letter to the candidates. A formal communication will reach from our HR in the month of May about their joining dates

Regards

Harish C Saras
Delivery Head
Harita Techserv Limited | #468, 80 Feet Road |
|6th Block, Koramangala | Bengaluru - 560095, Karnataka |
P: +91 (080)41189100-Ext.102 | M: +91 8971433422
harishchandrasaras@harita.co.in
www.harita.in

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Knowledge Institute of Technology
Kakopalavam (PO) Salem - 637



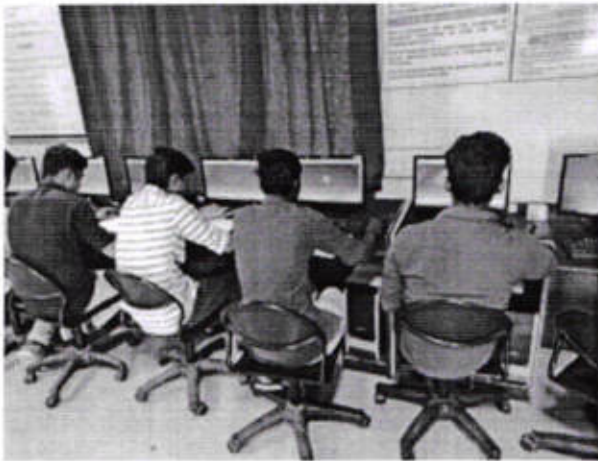
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KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504

Approved by AICTE, Affiliated to Anna University, Chennai.

Report of Program / Event Conducted

Name of the Program / Event	Solid Modeling (Level-1) using CATIA software		
Resource Person details	Mr.J.PRAKASH, Assistant Professor, Dept. of Mechanical Engg. KIOT		
Organizing Dept. / Cell	Mechanical	Details of Participant	IV Students= 65
Date, Time and Venue	19.01.2015-31.01.2015 COE – CRCPDT, A-Block, KIOT.		
Description of the program			
<ol style="list-style-type: none">1. He discussed about 4 features of CATIA V5 software. It contains CATIA Basics level.2. He explained about sketcher workbench, part modeling, 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,
Kakabaiavam (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

BU
g

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

08.01.2015

Forwarded to the Principal

~~~~~

Yours Faithfully

HA

Dr.H.Abdul Zubar

PRINCIPAL,

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

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504

CIRCULAR

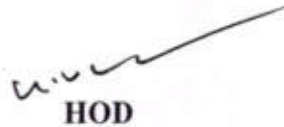
|              |                                               |      |            |
|--------------|-----------------------------------------------|------|------------|
| Circular No. |                                               | Date | 08.01.2015 |
| To           | III-Year students                             |      |            |
| 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<br>DATE & TIME                                       | RESOURCE PERSON                             |
|---------|--------------------------------------------------|------------------------------------------------------------|---------------------------------------------|
| 1       | Solid Modeling (Level-1)<br>using CATIA software | COE – CRCPDT,<br>A-Block, KIOT.<br>19.01.2015 – 31.01.2015 | Mr.J.Prakash<br>AP Mechanical Engg.<br>KIOT |

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

  
Faculty I/c

  
HOD

  
PRINCIPAL



# Certificate Course

on

## Solid Modeling (Level-1)

### using CATIA Software

19.01.2015 to 31.01.2015



*Wisdom and Knowledge*

Organized by

Department of Mechanical Engineering

# KNOWLEDGE

## INSTITUTE OF TECHNOLOGY

KIOT campus, Kakapalayam (PO), Salem-637 504.

Tamil Nadu, India.

[www.kiot.ac.in](http://www.kiot.ac.in)

in association with



PHILIPAL,

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

### 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 24 years experience in teaching and research, supervised 13 Ph.Ds, supervising 5 Ph.D. scholars, and published over 135 research articles in International and National forums. The Institute is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The college offers B.E. Programs in Mechanical Engg, Civil, ECE, EEE and CSE, M.E programs in Industrial Safety Engineering, CSE, VLSI and Embedded System Technologies. In addition, M.E. Thermal Engineering and Structural Engineering will be established in forth coming academic year. 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 6 years. The students of KIOT bagged 1 gold medal, 16 university ranks and has a placement record of 273 got placed in reputed companies among 285 students rolled out in the year 2014 and 82% of the eligible students recruited by reputed companies as on now in the year 2015. The institute has a team of 191 dedicated faculty members, 14 faculty with Ph.D, and 23 faculty pursuing their research.

### 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. Stiffener.

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, Extremum and Extremum 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**

| <b>Module No.</b> | <b>Name of the Module</b>     | <b>No. of Hours</b> |
|-------------------|-------------------------------|---------------------|
| 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                  |



P. N. LIPAL,

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



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.<br>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<br>Assembly approaches-Top down assembly, Bottom up assembly<br>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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Vakavalam (PO) Selam - 637 511

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |   |   |       |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|-------|
| 5.1 | Advanced front view<br>Sections Detail view,<br>Clipping view, Broken<br>view, View creation<br>wizard<br>Dimensions<br>Dimensions, Chained<br>dimensions, Cumulated<br>dimensions.                                                                                                                                                                                                                                                                      |   |   |   |       |
| 5.2 | Stacked dimensions,<br>Distance, Angular, Radius,<br>Diameter, Chamfer<br>dimensions, Thread<br>dimensions, Coordinate<br>dimensions, Hole<br>dimension table and<br>coordinate dimension table<br>Dimension edition, Datum<br>feature                                                                                                                                                                                                                   | 1 | 2 | - | Day 2 |
| 5.3 | Geometric tolerance<br>Annotations Text, Text<br>with leader, Balloon,<br>Datum target, Text<br>template replacement<br>Symbols and Table<br>creation Dress up Centre<br>line. Area fill creations,<br>Arrow Geometry creation<br>Points, Lines, Circle and<br>Ellipse, Profiles, Curves<br>tools, Transformation<br>tools, Constrains<br>Generation Generate<br>dimensions, Generate<br>balloons, Bill of material<br>generation Saving and<br>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<br>metal design Sheet metal<br>parameters Walls-Wall,<br>wall on edge              | 1              | 2               | -                | Day 4                  |
| 6.2        | Extrusion Flange, Hem,<br>Tear drop, User flange<br>Recognize tool Rolled wall<br>Hopper. Free form surface | 1              | 2               | -                | Day 5                  |



|     |                                                                                                  |   |   |   |       |
|-----|--------------------------------------------------------------------------------------------------|---|---|---|-------|
| 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, Extremum and Extremum 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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FACULTY I/c

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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    | C   | 611212114003 | ANBAZHAGAN.A          | III/VI |         |
| 2    | A   | 611212114005 | ARAVIND.K             | III/VI |         |
| 3    | C   | 611212114007 | ARUN CHOLARAJAN.M     | III/VI |         |
| 4    | A   | 611212114008 | ARUN KUMAR.A          | III/VI |         |
| 5    | A   | 611212114009 | ARUN KUMAR.R          | III/VI |         |
| 6    | B   | 611212114011 | ARUNKUMAR.P           | III/VI |         |
| 7    | B   | 611212114013 | ARUN PRASATH.G        | III/VI |         |
| 8    | A   | 611212114014 | ASHOK KUMAR.K         | III/VI |         |
| 9    | C   | 611212114015 | AZHAGESAN.S           | III/VI |         |
| 10   | B   | 611212114016 | BABU.S                | III/VI |         |
| 11   | A   | 611212114017 | BALACHANDER.K         | III/VI |         |
| 12   | A   | 611212114018 | BALAJI.D              | III/VI |         |
| 13   | B   | 611212114019 | BALAJI.T              | III/VI |         |
| 14   | B   | 611212114020 | BALAJI.V              | III/VI |         |
| 15   | B   | 611212114022 | BOOBALAN.M            | III/VI |         |
| 16   | B   | 611212114023 | BOOPAL.M              | III/VI |         |
| 17   | B   | 611212114024 | DANESH KUMAR. E       | III/VI |         |
| 18   | C   | 611212114025 | DEEPANCHAKRAVARTHI.R  | III/VI |         |
| 19   | C   | 611212114026 | DEEPAN CHAKRAVARTHI.S | III/VI |         |
| 20   | A   | 611212114030 | DHIVAGAR.C            | III/VI |         |
| 21   | A   | 611212114031 | DINESH.J              | III/VI |         |
| 22   | B   | 611212114032 | DINESH KUMAR.S        | III/VI |         |
| 23   | A   | 611212114034 | DIWAHARSARAVANAN.K    | III/VI |         |
| 24   | C   | 611212114036 | ELANGO.K              | III/VI |         |
| 25   | B   | 611212114041 | GOKUL RAJAN.V         | III/VI |         |
| 26   | A   | 611212114042 | GOPALA KRISHNAN.A     | III/VI |         |
| 27   | A   | 611212114048 | GOWTHAMRAJ.K          | III/VI |         |
| 28   | B   | 611212114050 | JAWAHAR.B             | III/VI |         |
| 29   | A   | 611212114054 | JEEVANANTHAM.P        | III/VI |         |
| 30   | C   | 611212114057 | KARTHICK.P            | III/VI |         |
| 31   | B   | 611212114080 | MANOJKUMAR.K          | III/VI |         |
| 32   | C   | 611212114081 | MAYILSAMY.A           | III/VI |         |
| 33   | A   | 611212114083 | MOHAMADYUSUF.K        | III/VI |         |
| 34   | A   | 611212114089 | NANDHAKUMAR.R         | III/VI |         |
| 35   | B   | 611212114094 | NAVEEN.M              | III/VI |         |
| 36   | B   | 611212114098 | NAVEETH IMRAN.J       | III/VI |         |
| 37   | B   | 611212114099 | NIRMALKUMAR.R         | III/VI |         |





| S.NO | SEC | REG. NO      | NAME                   | YEAR   | Remarks |
|------|-----|--------------|------------------------|--------|---------|
| 38   | A   | 611212114102 | PRABHAKARAN.S          | III/VI |         |
| 39   | C   | 611212114104 | PRABU.K                | III/VI |         |
| 40   | A   | 611212114108 | PRAKASH RAJ.G          | III/VI |         |
| 41   | B   | 611212114112 | PREMKUMAR.T            | III/VI |         |
| 42   | B   | 611212114114 | RAGHUL.J               | III/VI |         |
| 43   | C   | 611212114126 | SABARISHKUMAR.R        | III/VI |         |
| 44   | C   | 611212114132 | SARAVANAKANNAN.M       | III/VI |         |
| 45   | B   | 611212114134 | SATHESHKUMAR.A         | III/VI |         |
| 46   | A   | 611212114136 | SATHISHKUMAR.M         | III/VI |         |
| 47   | A   | 611212114138 | SEENIVASAN.S           | III/VI |         |
| 48   | B   | 611212114149 | SURENDHAR.R            | III/VI |         |
| 49   | C   | 611212114151 | SUTHARSAN.P            | III/VI |         |
| 50   | B   | 611212114152 | TAMILARASAN.K          | III/VI |         |
| 51   | C   | 611212114153 | TAMILARASAN.S          | III/VI |         |
| 52   | B   | 611212114154 | THAMARAI SELVAN.A      | III/VI |         |
| 53   | A   | 611212114155 | THIYAGARAJAN.A         | III/VI |         |
| 54   | A   | 611212114156 | THIYAGARAJAN.P         | III/VI |         |
| 55   | C   | 611212114157 | THULASIMANI.G          | III/VI |         |
| 56   | B   | 611212114158 | VASANTHARAJ.G.P        | III/VI |         |
| 57   | A   | 611212114159 | VASUDEVAN.R            | III/VI |         |
| 58   | C   | 611212114160 | VASUDEVAN.V            | III/VI |         |
| 59   | A   | 611212114161 | VEERAPRAGADEESHWARAN.U | III/VI |         |
| 60   | B   | 611212114162 | VENKATACHALAPATHY.G    | III/VI |         |
| 61   | A   | 611212114163 | VENKATESH.S            | III/VI |         |
| 62   | A   | 611212114165 | VIGNESH.P              | III/VI |         |
| 63   | C   | 611212114305 | MANI S                 | III/VI |         |
| 64   | C   | 611212114334 | VIJAYATHANDAPANI G     | III/VI |         |
| 65   | A   | 611212114702 | YUVARAJ R              | III/VI |         |

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SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE  
TRAINING ATTENDANCE SHEET (19.01.2015 to 31.01.2015)

| S.NO | SEC | REG. NO      | NAME                  | YEAR   | 19.01.15 | 20.01.15 | 21.01.15 | 22.01.15 | 23.01.15 | 24.01.15 |
|------|-----|--------------|-----------------------|--------|----------|----------|----------|----------|----------|----------|
| 1    | C   | 611212114003 | ANBAZHAGAN.A          | III/VI | /        | /        | /        | /        | /        | /        |
| 2    | A   | 611212114005 | ARAVIND.K             | III/VI | /        | /        | /        | /        | /        | /        |
| 3    | C   | 611212114007 | ARUN CHOLARAJAN.M     | III/VI | /        | /        | /        | /        | /        | /        |
| 4    | A   | 611212114008 | ARUN KUMAR.A          | III/VI | /        | /        | /        | /        | /        | /        |
| 5    | A   | 611212114009 | ARUN KUMAR.R          | III/VI | /        | /        | /        | /        | /        | /        |
| 6    | B   | 611212114011 | ARUNKUMAR.P           | III/VI | /        | /        | /        | /        | /        | /        |
| 7    | B   | 611212114013 | ARUN PRASATH.G        | III/VI | /        | /        | /        | /        | /        | /        |
| 8    | A   | 611212114014 | ASHOK KUMAR.K         | III/VI | /        | /        | /        | /        | /        | /        |
| 9    | C   | 611212114015 | AZHAGESAN.S           | III/VI | /        | /        | /        | /        | /        | /        |
| 10   | B   | 611212114016 | BABU.S                | III/VI | /        | /        | /        | /        | /        | /        |
| 11   | A   | 611212114017 | BALACHANDER.K         | III/VI | /        | /        | a        | /        | /        | /        |
| 12   | A   | 611212114018 | BALAJI.D              | III/VI | /        | /        | /        | /        | /        | /        |
| 13   | B   | 611212114019 | BALAJI.T              | III/VI | /        | /        | /        | /        | /        | /        |
| 14   | B   | 611212114020 | BALAJI.V              | III/VI | /        | /        | /        | /        | /        | /        |
| 15   | B   | 611212114022 | BOOBALAN.M            | III/VI | /        | /        | /        | /        | /        | /        |
| 16   | B   | 611212114023 | BOOPAL.M              | III/VI | /        | /        | /        | /        | /        | /        |
| 17   | B   | 611212114024 | DANESH KUMAR. E       | III/VI | /        | /        | /        | /        | /        | /        |
| 18   | C   | 611212114025 | DEEPANCHAKRAVARTHI.R  | III/VI | /        | /        | /        | /        | /        | /        |
| 19   | C   | 611212114026 | DEEPAN CHAKRAVARTHI.S | III/VI | /        | /        | /        | /        | /        | /        |
| 20   | A   | 611212114030 | DHIVAGAR.C            | III/VI | /        | /        | /        | a        | /        | /        |
| 21   | A   | 611212114031 | DINESH.J              | III/VI | /        | /        | /        | /        | /        | /        |
| 22   | B   | 611212114032 | DINESH KUMAR.S        | III/VI | /        | /        | /        | /        | /        | /        |
| 23   | A   | 611212114034 | DIWAHARSARAVANAN.K    | III/VI | /        | /        | /        | /        | /        | /        |
| 24   | C   | 611212114036 | ELANGO.K              | III/VI | /        | /        | /        | /        | /        | /        |
| 25   | B   | 611212114041 | GOKUL RAJAN.V         | III/VI | /        | /        | /        | /        | /        | /        |
| 26   | A   | 611212114042 | GOPALA KRISHNAN.A     | III/VI | /        | /        | /        | /        | /        | /        |
| 27   | A   | 611212114048 | GOWTHAMRAJ.K          | III/VI | /        | /        | /        | /        | /        | /        |
| 28   | B   | 611212114050 | JAWAHAR.B             | III/VI | /        | /        | /        | /        | /        | /        |
| 29   | A   | 611212114054 | JEEVANANTHAM.P        | III/VI | /        | /        | /        | /        | /        | /        |
| 30   | C   | 611212114057 | KARTHICK.P            | III/VI | /        | /        | /        | /        | /        | /        |
| 31   | B   | 611212114080 | MANOJKUMAR.K          | III/VI | /        | /        | /        | /        | /        | /        |
| 32   | C   | 611212114081 | MAYILSAMY.A           | III/VI | /        | /        | /        | /        | a        | /        |
| 33   | A   | 611212114083 | MOHAMADYUSUF.K        | III/VI | /        | /        | /        | /        | /        | /        |
| 34   | A   | 611212114089 | NANDHAKUMAR.R         | III/VI | /        | /        | /        | /        | /        | /        |
| 35   | B   | 611212114094 | NAVEEN.M              | III/VI | /        | /        | /        | /        | /        | /        |
| 36   | B   | 611212114098 | NAVEETH IMRAN.J       | III/VI | /        | /        | /        | /        | /        | /        |
| 37   | B   | 611212114099 | NIRMALKUMAR.R         | III/VI | /        | /        | /        | /        | /        | /        |
| 38   | A   | 611212114102 | PRABHAKARAN.S         | III/VI | /        | /        | /        | /        | /        | /        |
| 39   | C   | 611212114104 | PRABU.K               | III/VI | /        | /        | /        | /        | /        | /        |
| 40   | A   | 611212114108 | PRAKASH RAJ.G         | III/VI | /        | /        | /        | /        | /        | /        |

  
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|-------------------------|---|--------------|------------------------|--------|----|----|----|----|----|----|
| 41                      | B | 611212114112 | PREMKUMAR.T            | III/VI | /  | /  | /  | /  | /  | /  |
| 42                      | B | 611212114114 | RAGHUL.J               | III/VI | /  | /  | /  | /  | /  | /  |
| 43                      | C | 611212114126 | SABARISHKUMAR.R        | III/VI | /  | /  | /  | /  | /  | /  |
| 44                      | C | 611212114132 | SARAVANAKANNAN.M       | III/VI | /  | /  | /  | /  | /  | /  |
| 45                      | B | 611212114134 | SATHESHKUMAR.A         | III/VI | /  | /  | /  | /  | /  | /  |
| 46                      | A | 611212114136 | SATHISHKUMAR.M         | III/VI | /  | /  | /  | /  | /  | /  |
| 47                      | A | 611212114138 | SEENIVASAN.S           | III/VI | /  | /  | /  | /  | /  | /  |
| 48                      | B | 611212114149 | SURENDHAR.R            | III/VI | /  | /  | /  | /  | /  | /  |
| 49                      | C | 611212114151 | SUTHARSAN.P            | III/VI | /  | /  | /  | /  | /  | /  |
| 50                      | B | 611212114152 | TAMILARASAN.K          | III/VI | /  | /  | /  | /  | /  | /  |
| 51                      | C | 611212114153 | TAMILARASAN.S          | III/VI | /  | /  | /  | /  | /  | /  |
| 52                      | B | 611212114154 | THAMARAI SELVAN.A      | III/VI | /  | /  | /  | /  | /  | /  |
| 53                      | A | 611212114155 | THIYAGARAJAN.A         | III/VI | /  | /  | /  | /  | /  | /  |
| 54                      | A | 611212114156 | THIYAGARAJAN.P         | III/VI | /  | /  | /  | /  | /  | /  |
| 55                      | C | 611212114157 | THULASIMANI.G          | III/VI | /  | /  | /  | /  | /  | /  |
| 56                      | B | 611212114158 | VASANTHARAJ.G.P        | III/VI | /  | /  | /  | /  | /  | /  |
| 57                      | A | 611212114159 | VASUDEVAN.R            | III/VI | /  | /  | /  | /  | /  | /  |
| 58                      | C | 611212114160 | VASUDEVAN.V            | III/VI | /  | /  | /  | /  | /  | /  |
| 59                      | A | 611212114161 | VEERAPRAGADEESHWARAN.U | III/VI | /  | /  | /  | /  | /  | /  |
| 60                      | B | 611212114162 | VENKATACHALAPATHY.G    | III/VI | /  | /  | /  | /  | /  | /  |
| 61                      | A | 611212114163 | VENKATESH.S            | III/VI | /  | /  | /  | /  | /  | /  |
| 62                      | A | 611212114165 | VIGNESH.P              | III/VI | /  | /  | /  | /  | /  | /  |
| 63                      | C | 611212114305 | MANI S                 | III/VI | /  | /  | /  | /  | /  | /  |
| 64                      | C | 611212114334 | VIJAYATHANDAPANI G     | III/VI | /  | /  | /  | /  | /  | /  |
| 65                      | A | 611212114702 | YUVARAJ R              | III/VI | /  | /  | /  | /  | /  | /  |
| No. of Students Present |   |              |                        |        | 65 | 65 | 64 | 64 | 64 | 65 |
| No. of Students Absent  |   |              |                        |        | -  | -  | 1  | 1  | 1  | -  |
| Faculty Signature       |   |              |                        |        |    |    |    |    |    |    |

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**DEPARTMENT OF MECHANICAL ENGINEERING**  
**HARITA TECH SERV-CERTIFICATE COURSE**  
**SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE**  
**TRAINING ATTENDANCE SHEET (19.01.2015 to 31.01.2015)**

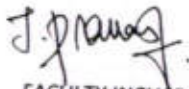
| S.NO | SEC | REG. NO      | NAME                  | YEAR   | 27.01.15 | 28.01.15 | 29.01.15 | 30.01.15 | 31.01.15 |
|------|-----|--------------|-----------------------|--------|----------|----------|----------|----------|----------|
| 1    | C   | 611212114003 | ANBAZHAGAN.A          | III/VI | /        | /        | /        | /        | /        |
| 2    | A   | 611212114005 | ARAVIND.K             | III/VI | /        | /        | /        | /        | /        |
| 3    | C   | 611212114007 | ARUN CHOLARAJAN.M     | III/VI | /        | /        | /        | /        | /        |
| 4    | A   | 611212114008 | ARUN KUMAR.A          | III/VI | /        | /        | /        | /        | /        |
| 5    | A   | 611212114009 | ARUN KUMAR.R          | III/VI | /        | /        | /        | /        | /        |
| 6    | B   | 611212114011 | ARUNKUMAR.P           | III/VI | /        | /        | /        | /        | /        |
| 7    | B   | 611212114013 | ARUN PRASATH.G        | III/VI | /        | /        | /        | /        | /        |
| 8    | A   | 611212114014 | ASHOK KUMAR.K         | III/VI | /        | /        | /        | /        | /        |
| 9    | C   | 611212114015 | AZHAGESAN.S           | III/VI | /        | /        | /        | /        | /        |
| 10   | B   | 611212114016 | BABU.S                | III/VI | /        | /        | /        | /        | /        |
| 11   | A   | 611212114017 | BALACHANDER.K         | III/VI | /        | /        | /        | /        | /        |
| 12   | A   | 611212114018 | BALAJI.D              | III/VI | /        | /        | /        | /        | /        |
| 13   | B   | 611212114019 | BALAJI.T              | III/VI | a        | /        | /        | /        | /        |
| 14   | B   | 611212114020 | BALAJI.V              | III/VI | a        | /        | /        | /        | /        |
| 15   | B   | 611212114022 | BOOBALAN.M            | III/VI | /        | /        | /        | /        | /        |
| 16   | B   | 611212114023 | BOOPAL.M              | III/VI | /        | /        | /        | /        | /        |
| 17   | B   | 611212114024 | DANESH KUMAR. E       | III/VI | /        | /        | /        | /        | /        |
| 18   | C   | 611212114025 | DEEPANCHAKRAVARTHI.R  | III/VI | /        | /        | /        | /        | /        |
| 19   | C   | 611212114026 | DEEPAN CHAKRAVARTHI.S | III/VI | /        | /        | /        | /        | /        |
| 20   | A   | 611212114030 | DHIVAGAR.C            | III/VI | /        | /        | /        | /        | /        |
| 21   | A   | 611212114031 | DINESH.J              | III/VI | /        | /        | /        | /        | /        |
| 22   | B   | 611212114032 | DINESH KUMAR.S        | III/VI | /        | /        | a        | /        | /        |
| 23   | A   | 611212114034 | DIWAHARSARAVANAN.K    | III/VI | /        | /        | /        | /        | /        |
| 24   | C   | 611212114036 | ELANGO.K              | III/VI | /        | /        | /        | /        | /        |
| 25   | B   | 611212114041 | GOKUL RAJAN.V         | III/VI | /        | /        | /        | /        | /        |
| 26   | A   | 611212114042 | GOPALA KRISHNAN.A     | III/VI | /        | /        | /        | /        | /        |
| 27   | A   | 611212114048 | GOWTHAMRAJ.K          | III/VI | /        | /        | /        | /        | /        |
| 28   | B   | 611212114050 | JAWAHAR.B             | III/VI | /        | /        | /        | /        | /        |
| 29   | A   | 611212114054 | JEEVANANTHAM.P        | III/VI | /        | /        | /        | /        | /        |
| 30   | C   | 611212114057 | KARTHICK.P            | III/VI | /        | /        | /        | /        | /        |
| 31   | B   | 611212114080 | MANOJKUMAR.K          | III/VI | /        | /        | /        | /        | /        |
| 32   | C   | 611212114081 | MAYILSAMY.A           | III/VI | /        | /        | /        | a        | /        |
| 33   | A   | 611212114083 | MOHAMADYUSUF.K        | III/VI | /        | /        | /        | a        | /        |
| 34   | A   | 611212114089 | NANDHAKUMAR.R         | III/VI | /        | /        | /        | /        | /        |
| 35   | B   | 611212114094 | NAVEEN.M              | III/VI | /        | /        | /        | /        | /        |
| 36   | B   | 611212114098 | NAVEETH IMRANJ        | III/VI | /        | /        | /        | /        | /        |
| 37   | B   | 611212114099 | NIRMALKUMAR.R         | III/VI | /        | /        | /        | /        | /        |

*pm*  
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Kalyanapuram (PO), Salem



| S.NO                    | SEC | REG. NO      | NAME                   | YEAR   | 27.01.15 | 28.01.15 | 29.01.15 | 30.01.15 | 31.01.15 |
|-------------------------|-----|--------------|------------------------|--------|----------|----------|----------|----------|----------|
| 38                      | A   | 611212114102 | PRABHAKARAN.S          | III/VI | /        | /        | /        | /        | /        |
| 39                      | C   | 611212114104 | PRABU.K                | III/VI | /        | /        | /        | /        | /        |
| 40                      | A   | 611212114108 | PRAKASH RAJ.G          | III/VI | /        | /        | /        | /        | /        |
| 41                      | B   | 611212114112 | PREMKUMAR.T            | III/VI | /        | /        | /        | /        | /        |
| 42                      | B   | 611212114114 | RAGHUL.J               | III/VI | /        | /        | /        | /        | /        |
| 43                      | C   | 611212114126 | SABARISHKUMAR.R        | III/VI | /        | /        | /        | /        | /        |
| 44                      | C   | 611212114132 | SARAVANAKANNAN.M       | III/VI | /        | /        | /        | /        | /        |
| 45                      | B   | 611212114134 | SATHESHKUMAR.A         | III/VI | /        | /        | /        | /        | /        |
| 46                      | A   | 611212114136 | SATHISHKUMAR.M         | III/VI | /        | /        | /        | /        | /        |
| 47                      | A   | 611212114138 | SEENIVASAN.S           | III/VI | /        | /        | /        | /        | /        |
| 48                      | B   | 611212114149 | SURENDHAR.R            | III/VI | /        | /        | /        | /        | /        |
| 49                      | C   | 611212114151 | SUTHARSAN.P            | III/VI | /        | /        | /        | /        | /        |
| 50                      | B   | 611212114152 | TAMILARASAN.K          | III/VI | /        | /        | /        | /        | /        |
| 51                      | C   | 611212114153 | TAMILARASAN.S          | III/VI | /        | a        | /        | /        | /        |
| 52                      | B   | 611212114154 | THAMARAI SELVAN.A      | III/VI | /        | a        | /        | /        | /        |
| 53                      | A   | 611212114155 | THIYAGARAJAN.A         | III/VI | /        | /        | /        | /        | /        |
| 54                      | A   | 611212114156 | THIYAGARAJAN.P         | III/VI | /        | /        | /        | /        | /        |
| 55                      | C   | 611212114157 | THULASIMANI.G          | III/VI | /        | /        | /        | /        | /        |
| 56                      | B   | 611212114158 | VASANTHARAJ.G.P        | III/VI | /        | /        | /        | /        | /        |
| 57                      | A   | 611212114159 | VASUDEVAN.R            | III/VI | /        | /        | /        | /        | /        |
| 58                      | C   | 611212114160 | VASUDEVAN.V            | III/VI | /        | /        | /        | /        | /        |
| 59                      | A   | 611212114161 | VEERAPRAGADEESHWARAN.U | III/VI | /        | /        | /        | /        | /        |
| 60                      | B   | 611212114162 | VENKATACHALAPATHY.G    | III/VI | /        | /        | /        | /        | /        |
| 61                      | A   | 611212114163 | VENKATESH.S            | III/VI | /        | /        | /        | /        | /        |
| 62                      | A   | 611212114165 | VIGNESH.P              | III/VI | /        | /        | /        | /        | /        |
| 63                      | C   | 611212114305 | MANI S                 | III/VI | /        | /        | /        | /        | /        |
| 64                      | C   | 611212114334 | VIJAYATHANDAPANI G     | III/VI | /        | /        | /        | /        | /        |
| 65                      | A   | 611212114702 | YUVARAJ R              | III/VI | /        | /        | /        | /        | /        |
| No. of Students Present |     |              |                        |        |          |          |          |          |          |
| No. of Students Absent  |     |              |                        |        |          |          |          |          |          |
| Faculty Signature       |     |              |                        |        |          |          |          |          |          |

  
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HOD MECHANICAL

  
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Pakkalavam (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

31.1.2015

| S.NO | SEC | REG. NO      | NAME                  | YEAR   | MARKS (100) |
|------|-----|--------------|-----------------------|--------|-------------|
| 1    | C   | 611212114003 | ANBAZHAGAN.A          | III/VI | 75          |
| 2    | A   | 611212114005 | ARAVIND.K             | III/VI | 80          |
| 3    | C   | 611212114007 | ARUN CHOLARAJAN.M     | III/VI | 65          |
| 4    | A   | 611212114008 | ARUN KUMAR.A          | III/VI | 60          |
| 5    | A   | 611212114009 | ARUN KUMAR.R          | III/VI | 80          |
| 6    | B   | 611212114011 | ARUNKUMAR.P           | III/VI | 80          |
| 7    | B   | 611212114013 | ARUN PRASATH.G        | III/VI | 90          |
| 8    | A   | 611212114014 | ASHOK KUMAR.K         | III/VI | 75          |
| 9    | C   | 611212114015 | AZHAGESAN.S           | III/VI | 60          |
| 10   | B   | 611212114016 | BABU.S                | III/VI | 85          |
| 11   | A   | 611212114017 | BALACHANDER.K         | III/VI | 90          |
| 12   | A   | 611212114018 | BALAJI.D              | III/VI | 75          |
| 13   | B   | 611212114019 | BALAJI.T              | III/VI | 90          |
| 14   | B   | 611212114020 | BALAJI.V              | III/VI | 80          |
| 15   | B   | 611212114022 | BOOBALAN.M            | III/VI | 65          |
| 16   | B   | 611212114023 | BOOPAL.M              | III/VI | 55          |
| 17   | B   | 611212114024 | DANESH KUMAR. E       | III/VI | 60          |
| 18   | C   | 611212114025 | DEEPANCHAKRAVARTHI.R  | III/VI | 85          |
| 19   | C   | 611212114026 | DEEPAN CHAKRAVARTHI.S | III/VI | 90          |
| 20   | A   | 611212114030 | DHIVAGAR.C            | III/VI | 95          |
| 21   | A   | 611212114031 | DINESH.J              | III/VI | 85          |
| 22   | B   | 611212114032 | DINESH KUMAR.S        | III/VI | 70          |
| 23   | A   | 611212114034 | DIWAHARSARAVANAN.K    | III/VI | 60          |
| 24   | C   | 611212114036 | ELANGO.K              | III/VI | 65          |
| 25   | B   | 611212114041 | GOKUL RAJAN.V         | III/VI | 75          |
| 26   | A   | 611212114042 | GOPALA KRISHNAN.A     | III/VI | 85          |
| 27   | A   | 611212114048 | GOWTHAMRAJ.K          | III/VI | 90          |
| 28   | B   | 611212114050 | JAWAHAR.B             | III/VI | 80          |
| 29   | A   | 611212114054 | JEEVANANTHAM.P        | III/VI | 65          |
| 30   | C   | 611212114057 | KARTHICK.P            | III/VI | 55          |
| 31   | B   | 611212114080 | MANOJKUMAR.K          | III/VI | 70          |
| 32   | C   | 611212114081 | MAYILSAMY.A           | III/VI | 60          |
| 33   | A   | 611212114083 | MOHAMADYUSUF.K        | III/VI | 60          |
| 34   | A   | 611212114089 | NANDHAKUMAR.R         | III/VI | 70          |
| 35   | B   | 611212114094 | NAVEEN.M              | III/VI | 85          |
| 36   | B   | 611212114098 | NAVEETH IMRAN.J       | III/VI | 70          |
| 37   | B   | 611212114099 | NIRMALKUMAR.R         | III/VI | 60          |

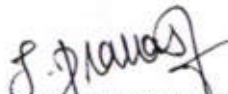



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| S.NO | SEC | REG. NO      | NAME                   | YEAR   | MARKS<br>(100) |
|------|-----|--------------|------------------------|--------|----------------|
| 38   | A   | 611212114102 | PRABHAKARAN.S          | III/VI | 70             |
| 39   | C   | 611212114104 | PRABU.K                | III/VI | 65             |
| 40   | A   | 611212114108 | PRAKASH RAJ.G          | III/VI | 75             |
| 41   | B   | 611212114112 | PREMKUMAR.T            | III/VI | 80             |
| 42   | B   | 611212114114 | RAGHUL.J               | III/VI | 90             |
| 43   | C   | 611212114126 | SABARISHKUMAR.R        | III/VI | 85             |
| 44   | C   | 611212114132 | SARAVANAKANNAN.M       | III/VI | 65             |
| 45   | B   | 611212114134 | SATHESHKUMAR.A         | III/VI | 90             |
| 46   | A   | 611212114136 | SATHISHKUMAR.M         | III/VI | 90             |
| 47   | A   | 611212114138 | SEENIVASAN.S           | III/VI | 85             |
| 48   | B   | 611212114149 | SURENDHAR.R            | III/VI | 90             |
| 49   | C   | 611212114151 | SUTHARSAN.P            | III/VI | 70             |
| 50   | B   | 611212114152 | TAMILARASAN.K          | III/VI | 75             |
| 51   | C   | 611212114153 | TAMILARASAN.S          | III/VI | 65             |
| 52   | B   | 611212114154 | THAMARAI SELVAN.A      | III/VI | 60             |
| 53   | A   | 611212114155 | THIYAGARAJAN.A         | III/VI | 55             |
| 54   | A   | 611212114156 | THIYAGARAJAN.P         | III/VI | 90             |
| 55   | C   | 611212114157 | THULASIMAN.LG          | III/VI | 65             |
| 56   | B   | 611212114158 | VASANTHARAJ.G.P        | III/VI | 70             |
| 57   | A   | 611212114159 | VASUDEVAN.R            | III/VI | 85             |
| 58   | C   | 611212114160 | VASUDEVAN.V            | III/VI | 90             |
| 59   | A   | 611212114161 | VEERAPRAGADEESHWARAN.U | III/VI | 65             |
| 60   | B   | 611212114162 | VENKATACHALAPATHY.G    | III/VI | 55             |
| 61   | A   | 611212114163 | VENKATESH.S            | III/VI | 60             |
| 62   | A   | 611212114165 | VIGNESH.P              | III/VI | 55             |
| 63   | C   | 611212114305 | MANI S                 | III/VI | 60             |
| 64   | C   | 611212114334 | VIJAYATHANDAPANI G     | III/VI | 85             |
| 65   | A   | 611212114702 | YUVARAJ R              | III/VI | 80             |

  
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P.M. PRUDH

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Department Of Mechanical Engineering

**EVALUATION FORM-CERTIFICATE COURSE**

**Solid Modeling (Level-1) using CATIA software**

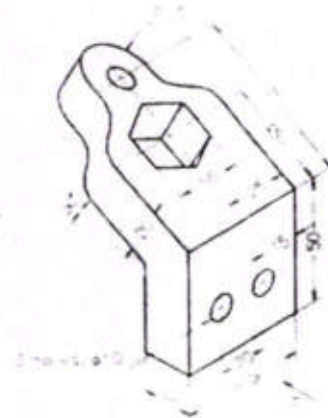
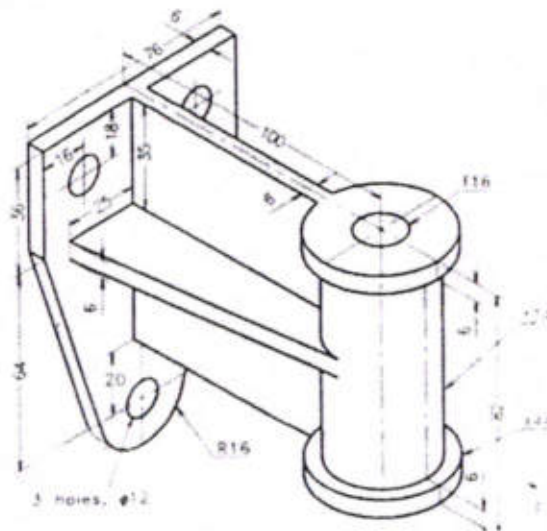
Name: C. Aravind

Reg. No: 611212114005

Year/Sem/Sec: III / VI

**ASSESSMENT TEST**

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



*80*

*PK*



KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM  
Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

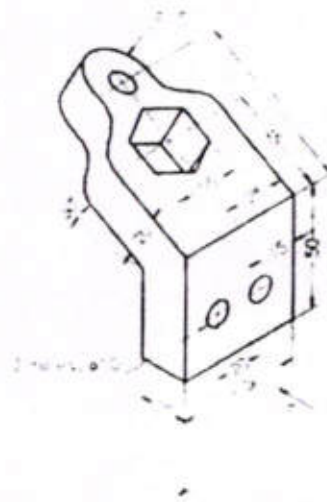
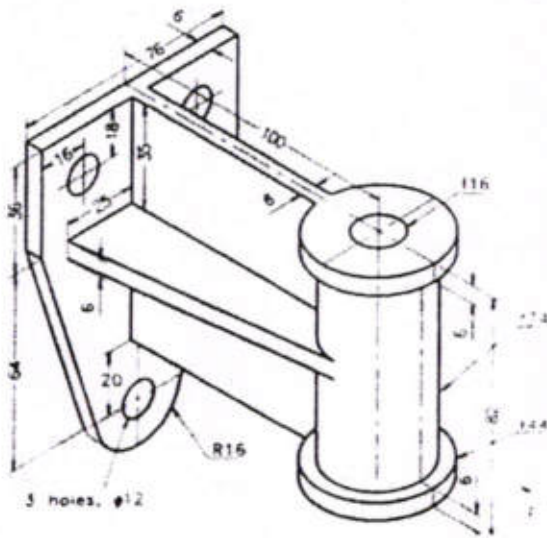
Name: S. baba

Reg. No: 611212114016

Year/Sem/Sec: 111 | VI

ASSESSMENT TEST

| S.NO.       | DESCRIPTION          | MARKS ALLOTTED | MARKS OBTAINED |
|-------------|----------------------|----------------|----------------|
| 1           | PART-A (SKETCHER)    | 50             | 40             |
| 2           | PART-B (PART DESIGN) | 50             | 45             |
| TOTAL MARKS |                      | 100            | 85             |



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Beyond Knowledge

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TECHNOLOGY

HARITA TECHSERV  
LIMITED



## Certificate of Completion

This certificate is awarded to

MANI.S (611212114305)

In recognition of successful completion of

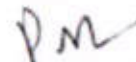
**“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”**

Conducted by “CRCPDT-Harita Techserv Limited” from 19.01.2015 to 31.01.2015  
Department of Mechanical Engineering, Knowledge Institute of Technology salem,  
Tamilnadu, India

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

  
Mr.M.Sathyanathan  
Coordinator

  
Dr.K.Visagavel  
HOD/Mechanical

  
Dr.PSS.Srinivasan  
Principal

  
R.Shankarnarayanan  
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: M. Boobal

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

*Pm*  
PRINCIPAL,

Knowledge Institute of Technology  
K. Kalavam (P.O) Salem - 637 504

*M. Boobal*

Signature of the Candidate





Beyond Knowledge

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LIMITED



## Certificate of Completion


This certificate is awarded to

VEERAPRAGADEESHWARAN.U (611212114161)

In recognition of successful completion of

**“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”**

Conducted by “CRCPDT-Harita Techserv Limited” from 19.01.2015 to 31.01.2015  
Department of Mechanical Engineering, Knowledge Institute of Technology salem,  
Tamilnadu, India

  
PR NUPAL,  
Knowledge Institute of Technology  
Talakolavam (PO) Salem - 637 504

  
Mr. M. Sathyanathan  
Coordinator

  
Dr. K. Visagavel  
HOD/Mechanical

  
Dr. PSS. Srinivasan  
Principal

  
R. Shankarnarayanan  
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: P. Carthick

Year/Sem/Sec: III/V/1C

| 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

P. Carthick

Signature of the Candidate

Pm





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Department Of Mechanical Engineering

**FEEDBACK FORM-CERTIFICATE COURSE**

**Solid Modeling (Level-1) using CATIA software**

Name: S. babu

Year/Sem/Sec: III/V/IB .

| 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

*PM*

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

S. babu . .  
Signature of the Candidate



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Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

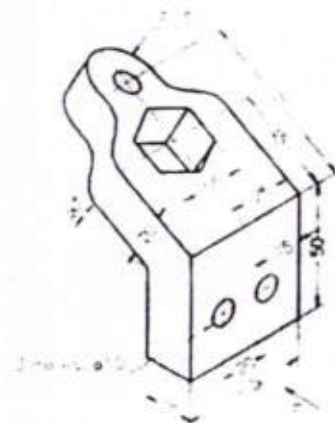
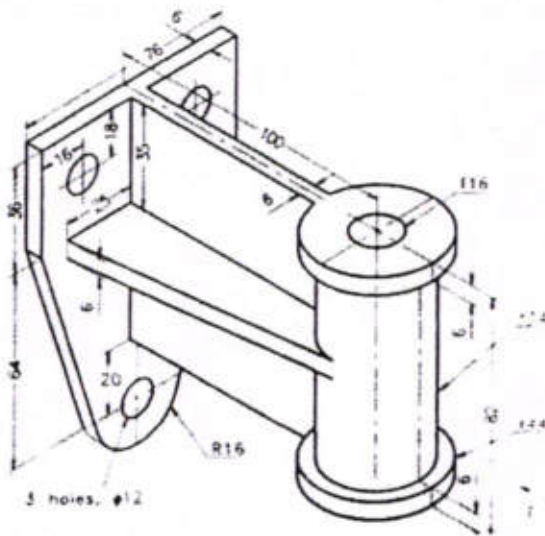
Name: J. Balaji

Reg. No: 6112221409

Year/Sem/Sec: III/VI

ASSESSMENT TEST

| S.NO.       | DESCRIPTION          | MARKS ALLOTTED | 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

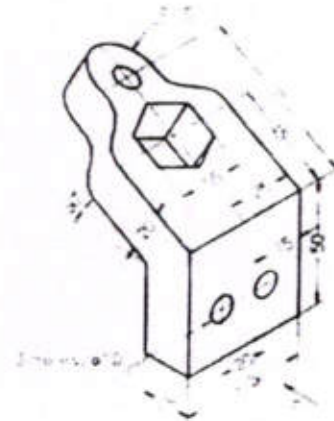
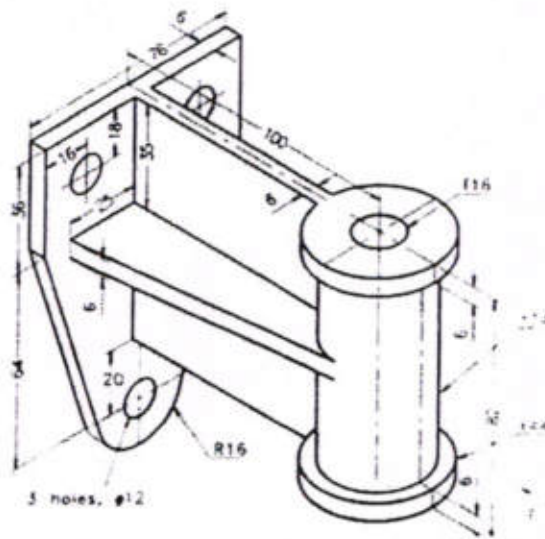
Name: *J. Mani*

Reg. No: *611212114305*

Year/Sem/Sec: *III/V I*

ASSESSMENT TEST

| S.NO.       | DESCRIPTION          | MARKS ALLOTTED | MARKS OBTAINED |
|-------------|----------------------|----------------|----------------|
| 1           | PART-A (SKETCHER)    | 50             | <i>30</i>      |
| 2           | PART-B (PART DESIGN) | 50             | <i>30</i>      |
| TOTAL MARKS |                      | 100            | <i>60</i>      |



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Department Of Mechanical Engineering

EVALUATION FORM-CERTIFICATE COURSE

Solid Modeling (Level-1) using CATIA software

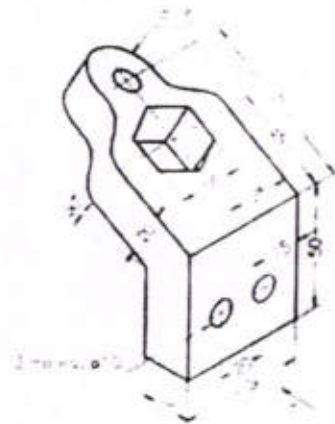
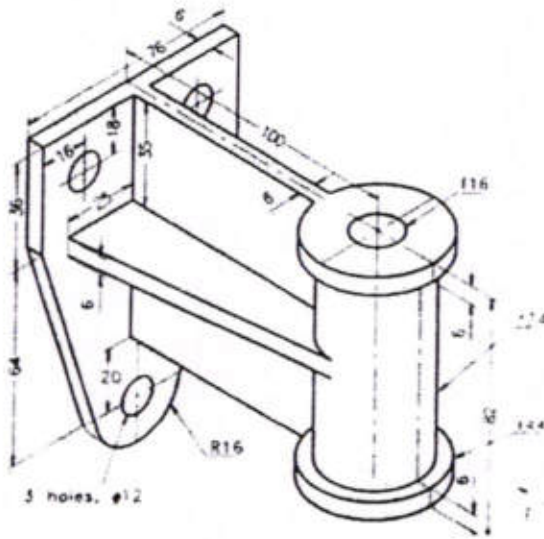
Name: Raghul J

Reg. No: 611212114114

Year/Sem/Sec: M1/VI

ASSESSMENT TEST

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



*PK*  
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LIMITED**



## ***Certificate of Completion***

**This certificate is awarded to**

**BALAJI.T (611212114019)**

**In recognition of successful completion of**

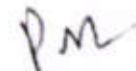
**“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”**

**Conducted by “CRCPDT-Harita Techserv Limited” from 19.01.2015 to 31.01.2015  
Department of Mechanical Engineering, Knowledge Institute of Technology salem,  
Tamilnadu, India**

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

  
**Mr.M.Sathyanathan**  
Coordinator

  
**Dr.K.Visagavel**  
HOD/Mechanical

  
**Dr.PSS.Srinivasan**  
Principal

  
**R.Shankarnarayanan**  
COO/Harita Techserv Limited





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## ***Certificate of Completion***

This certificate is awarded to  
**NAVEEN.M (611212114094)**

In recognition of successful completion of

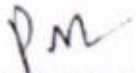
**“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”**

Conducted by “CRCPDT-Harita Techserv Limited” from 19.01.2015 to 31.01.2015  
Department of Mechanical Engineering, Knowledge Institute of Technology salem,  
Tamilnadu, India

  
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**Mr.M.Sathyanathan**  
Coordinator

  
**Dr.K.Visagavel**  
HOD/Mechanical

  
**Dr.PSS.Srinivasan**  
Principal

  
**R.Shankarnarayanan**  
COO/Harita Techserv Limited



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## ***Certificate of Completion***

This certificate is awarded to  
**THULASIMANI.G (611212114157)**

In recognition of successful completion of

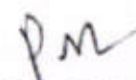
**“SOLID MODELING (LEVEL-1) USING CATIA SOFTWARE”**

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

  
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**Mr.M.Sathyanathan**  
Coordinator

  
**Dr.K.Visagavel**  
HOD/Mechanical

  
**Dr.PSS.Srinivasan**  
Principal

  
**R.Shankarnarayanan**  
COO/Harita Techserv Limited



|                                                                                   |                                                            |                |             |
|-----------------------------------------------------------------------------------|------------------------------------------------------------|----------------|-------------|
|  | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>                   |                |             |
|                                                                                   | <b>SALEM-637 504.</b>                                      |                |             |
|                                                                                   | Approved by AICTE. Affiliated to Anna University, Chennai. |                | <b>Date</b> |
| Kakapalayam (PO), Salem – 637 504                                                 |                                                            | www.kiot.ac.in | 30.06.2014  |

### REPORT OF THE EVENT

|              |                                     |                            |                                                                                                 |
|--------------|-------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------|
| <b>Date</b>  | : 23.06.2014- 27.06.2014            | <b>Resource person</b>     | : <b>Mr.M.E.Rajamanikam</b><br>Managing Director,<br>Bits 'n' Watts Embedded Solution, Chennai. |
| <b>Time</b>  | : 09.00 am to 04.50 pm              | <b>Title</b>               | : Certificate Course on "Hardware & Software Interface design"                                  |
| <b>Venue</b> | : <b>B-Block</b><br><b>CC4- Lab</b> | <b>No. of Participants</b> | : 39 (III-ECE students)                                                                         |

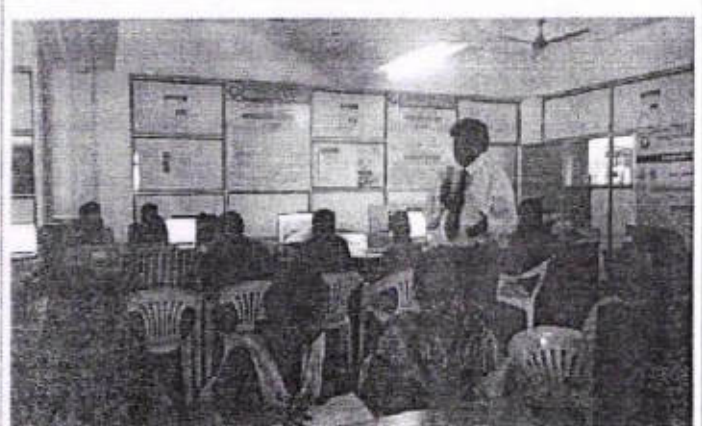
#### Students Learning:

Students are able to learn about Hardware & Software Interface design (H&SID) 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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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

|              |                                                              |         |                        |
|--------------|--------------------------------------------------------------|---------|------------------------|
| Circular No. | 2014-15/04                                                   | Date    | 20/06/2014             |
| To           | III <sup>rd</sup> Year ECE Students                          |         |                        |
| Subject      | Certificate Course on "Hardware & Software Interface design" | From-to | 23.06.2014- 27.06.2014 |

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

| Date & Time                                               | Name of the Program                                                | Resource Person                                                                           | Venue                  |
|-----------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------|
| 23.06.2014-<br>27.06.2014<br>(09.00 am<br>to<br>04.50pm ) | Certificate Course on<br>"Hardware & Software<br>Interface design" | Mr.M.E.Rajamanikam<br>Managing Director,<br>Bits 'n' Watts Embedded<br>Solution, Chennai. | B-Block<br>(CC4 -LAB ) |

*J.resh*  
20/06/14  
FACULTY INCHARGE

*[Signature]*  
20/6/14  
HOD/ECE

*[Signature]*  
PRINCIPAL

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

*[Signature]*  
PRINCIPAL,  
Knowledge Institute of Technology,  
Akopalavam (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 II<sup>nd</sup> Year Electronics and Communication Engineering students.

Thanking You

Salem

20/06/2014

Yours Faithfully  
*Dinesh*  
Mr.G.Dineshkumar

*Principal*  
PRINCIPAL,  
Knowledge Institute of Technology  
Kakapalavam (PO) Salem - 637 504





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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

|              |                                                              |         |                        |
|--------------|--------------------------------------------------------------|---------|------------------------|
| Circular No. | 2014-15/04                                                   | Date    | 20/06/2014             |
| To           | III <sup>rd</sup> Year ECE Students                          |         |                        |
| Subject      | Certificate Course on "Hardware & Software Interface design" | From-to | 23.06.2014- 27.06.2014 |

### 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.

*Pinash*  
20/06/14.

FACULTY INCHARGE

*[Signature]*  
20/06/14.

HOD/ECE



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

To III<sup>rd</sup> 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.

  
M. RAJAMANIKAM

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

|                                                                                                              |                                                   |                                                    |
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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: 2014-15 Date: 20/06/2014

| S.No. | Name of the student | Section   |
|-------|---------------------|-----------|
| 1.    | INDUJA G            | III-ECE-A |
| 2.    | JAYA PRIYA          | III-ECE-A |
| 3.    | JAYAVIDHYASRI S     | III-ECE-A |
| 4.    | JEEVA K             | III-ECE-A |
| 5.    | JOTHI M             | III-ECE-A |
| 6.    | JOTHI PRIYA T       | III-ECE-A |
| 7.    | KARTHIGA R          | III-ECE-A |
| 8.    | KATHIR P            | III-ECE-A |
| 9.    | KAVIPRIYA R         | III-ECE-A |
| 10.   | KIRUTHIKA G         | III-ECE-A |
| 11.   | KIRUTHIKA R         | III-ECE-A |
| 12.   | KOKILA C            | III-ECE-A |
| 13.   | KOKILA S            | III-ECE-A |
| 14.   | KOWSHIKASRE K K     | III-ECE-A |
| 15.   | KRISHNAVENI R S.    | III-ECE-A |
| 16.   | LAVANYA S           | III-ECE-A |
| 17.   | MADHUREKHA V        | III-ECE-A |
| 18.   | MAHESWARI S         | III-ECE-A |
| 19.   | MANI T              | III-ECE-A |
| 20.   | MANIKANDAN S        | III-ECE-A |
| 21.   | SHAHROKHISHAH AR    | III-ECE-B |
| 22.   | SHANMUGAM K         | III-ECE-B |

  
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|     |                     |           |
|-----|---------------------|-----------|
| 23. | SHWETHA RAVISHANKAR | III-ECE-B |
| 24. | SIVARANJANI M       | III-ECE-B |
| 25. | SOWMYA C            | III-ECE-B |
| 26. | SOWNDHARYA V        | III-ECE-B |
| 27. | SREEMATHI S         | III-ECE-B |
| 28. | SRIDEVI T           | III-ECE-B |
| 29. | SUDHA S             | III-ECE-B |
| 30. | SUGANTHI S          | III-ECE-B |
| 31. | SUGUMAR K           | III-ECE-B |
| 32. | SUMATHI R           | III-ECE-B |
| 33. | SUMETHA R K         | III-ECE-B |
| 34. | SUSHIMA BALKEES K   | III-ECE-B |
| 35. | TAMILARASI M        | III-ECE-B |
| 36. | TAMILMANI P         | III-ECE-B |
| 37. | TAMILSELVAN K       | III-ECE-B |
| 38. | UMA BHARATHI R A    | III-ECE-B |
| 39. | UMA MAHESWARI N     | III-ECE-B |

*Dinesh*  
20/6/14  
Faculty Incharge

*[Signature]*  
20/6/14  
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: 2014-15      Date: 20/06/2014

| S.No. | Name of the student | Section   | 23.06.14 | 24.06.14 | 25.06.14 | 26.06.14 | 27.06.14 |
|-------|---------------------|-----------|----------|----------|----------|----------|----------|
| 1.    | INDUJA G            | III-ECE-A | /        | /        | /        | /        | /        |
| 2.    | JAYA PRIYA          | III-ECE-A | /        | /        | /        | /        | /        |
| 3.    | JAYAVIDHYASRI S     | III-ECE-A | /        | /        | /        | /        | /        |
| 4.    | JEEVA K             | III-ECE-A | /        | /        | /        | /        | /        |
| 5.    | JOTHI M             | III-ECE-A | /        | /        | /        | /        | /        |
| 6.    | JOTHI PRIYA T       | III-ECE-A | /        | a        | /        | /        | /        |
| 7.    | KARTHIGA R          | III-ECE-A | /        | /        | /        | /        | /        |
| 8.    | KATHIR P            | III-ECE-A | /        | /        | /        | /        | /        |
| 9.    | KAVIPRIYA R         | III-ECE-A | /        | /        | /        | /        | /        |
| 10.   | KIRUTHIKA G         | III-ECE-A | /        | /        | /        | /        | /        |
| 11.   | KIRUTHIKA R         | III-ECE-A | /        | /        | /        | /        | /        |
| 12.   | KOKILA C            | III-ECE-A | /        | /        | a        | /        | /        |
| 13.   | KOKILA S            | III-ECE-A | /        | /        | /        | /        | /        |
| 14.   | KOWSHIKASRE K K     | III-ECE-A | /        | /        | /        | /        | /        |
| 15.   | KRISHNAVENI R S     | III-ECE-A | /        | /        | /        | /        | /        |
| 16.   | LAVANYA S           | III-ECE-A | /        | /        | /        | /        | /        |
| 17.   | MADHUREKHA V        | III-ECE-A | /        | /        | /        | /        | /        |
| 18.   | MAHESWARI S         | III-ECE-A | /        | /        | /        | /        | /        |
| 19.   | MANI T              | III-ECE-A | /        | /        | /        | /        | /        |
| 20.   | MANIKANDAN S        | III-ECE-A | /        | /        | /        | /        | /        |
| 21.   | SHAHROKHSHAH AR     | III-ECE-B | /        | /        | /        | /        | /        |
| 22.   | SHANMUGAM K         | III-ECE-B | /        | /        | /        | /        | /        |

*[Signature]*  
K. N. LIPAL,

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


|     |                        |           |   |   |   |   |   |
|-----|------------------------|-----------|---|---|---|---|---|
| 23. | SHWETHA<br>RAVISHANKAR | III-ECE-B | / | / | / | / | / |
| 24. | SIVARANJANI M          | III-ECE-B | / | / | / | / | / |
| 25. | SOWMYA C               | III-ECE-B | / | / | / | / | / |
| 26. | SOWNDHARYA V           | III-ECE-B | / | / | / | / | / |
| 27. | SREEMATHI S            | III-ECE-B | / | / | / | / | / |
| 28. | SRIDEVI T              | III-ECE-B | / | / | / | / | / |
| 29. | SUDHA S                | III-ECE-B | / | / | / | / | / |
| 30. | SUGANTHI S             | III-ECE-B | / | / | / | / | / |
| 31. | SUGUMAR K              | III-ECE-B | / | / | / | / | / |
| 32. | SUMATHI R              | III-ECE-B | / | / | / | / | / |
| 33. | SUMETHA R K            | III-ECE-B | / | / | / | / | / |
| 34. | SUSHMA BALKEES K       | III-ECE-B | / | / | / | / | / |
| 35. | TAMILARASI M           | III-ECE-B | / | / | / | / | / |
| 36. | TAMILMANI P            | III-ECE-B | / | / | / | / | / |
| 37. | TAMILSELVAN K          | III-ECE-B | / | / | / | / | / |
| 38. | UMA BHARATHI R A       | III-ECE-B | / | / | / | / | / |
| 39. | UMA MAHESWARIN         | III-ECE-B | / | / | / | / | / |

*Dinesh*  
21/6/14  
Faculty Incharge

*D*  
21/6/14  
HOD/ECE

*Pm*



|                                                                                                             |                                                   |                                                    |
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Evaluation of participants performance**

Certificate Course on “Hardware & Software Interface design”

Year/Deg./Dept./Sem. : III B.E./ECE-A&B /V      Academic year: 2014-15      Date: 20/06/2014

| S.No. | Name of the student | Section   | Marks Scored (50) |
|-------|---------------------|-----------|-------------------|
| 1.    | INDUJA G            | III-ECE-A | 36                |
| 2.    | JAYA PRIYA          | III-ECE-A | 38                |
| 3.    | JAYAVIDHYASRI S     | III-ECE-A | 28                |
| 4.    | JEEVA K             | III-ECE-A | 40                |
| 5.    | JOTHI M             | III-ECE-A | 42                |
| 6.    | JOTHI PRIYA T       | III-ECE-A | 46                |
| 7.    | KARTHIGA R          | III-ECE-A | 42                |
| 8.    | KATHIR P            | III-ECE-A | 34                |
| 9.    | KAVIPRIYA R         | III-ECE-A | 32                |
| 10.   | KIRUTHIKA G         | III-ECE-A | 36                |
| 11.   | KIRUTHIKA R         | III-ECE-A | 38                |
| 12.   | KOKILA C            | III-ECE-A | 42                |
| 13.   | KOKILA S            | III-ECE-A | 44                |
| 14.   | KOWSHIKASRE K K     | III-ECE-A | 46                |
| 15.   | KRISHNAVENI R S     | III-ECE-A | 42                |
| 16.   | LAVANYA S           | III-ECE-A | 38                |
| 17.   | MADHUREKHA V        | III-ECE-A | 34                |
| 18.   | MAHESWARI S         | III-ECE-A | 36                |
| 19.   | MANI T              | III-ECE-A | 32                |
| 20.   | MANIKANDAN S        | III-ECE-A | 44                |
| 21.   | SHAHROKHSHAH AR     | III-ECE-B | 38                |

  
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|     |                        |           |    |
|-----|------------------------|-----------|----|
| 22. | SHANMUGAM K            | III-ECE-B | 28 |
| 23. | SHWETHA<br>RAVISHANKAR | III-ECE-B | 26 |
| 24. | SIVARANJANI M          | III-ECE-B | 30 |
| 25. | SOWMYA C               | III-ECE-B | 34 |
| 26. | SOWNDHARYA V           | III-ECE-B | 40 |
| 27. | SREEMATHI S            | III-ECE-B | 44 |
| 28. | SRIDEVI T              | III-ECE-B | 38 |
| 29. | SUDHA S                | III-ECE-B | 32 |
| 30. | SUGANTHI S             | III-ECE-B | 42 |
| 31. | SUGUMAR K              | III-ECE-B | 40 |
| 32. | SUMATHI R              | III-ECE-B | 36 |
| 33. | SUMETHA R K            | III-ECE-B | 32 |
| 34. | SUSHMA BALKEES K       | III-ECE-B | 34 |
| 35. | TAMILARASI M           | III-ECE-B | 36 |
| 36. | TAMILMANI P            | III-ECE-B | 32 |
| 37. | TAMILSELVAN K          | III-ECE-B | 40 |
| 38. | UMA BHARATHI R A       | III-ECE-B | 42 |
| 39. | UMA MAHESWARI N        | III-ECE-B | 38 |


*Dinesh*  
26/06/14

Faculty Incharge

*[Signature]*  
26/06/14

HOD/ECE

*[Signature]*

|                                                                                                                |                                                   |                                                    |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| <br><i>Original Knowledge</i> | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>          |                                                    |
|                                                                                                                | Approved by AICTE, Affiliated to Anna University. |                                                    |
|                                                                                                                | Kakapalayam (PO), Salem – 637 504                 | <a href="http://www.kiot.ac.in">www.kiot.ac.in</a> |

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Question Paper**

Certificate Course on "Hardware & Software Interface design"

Name of the Student: SAANMUGHAM. K.

Date: 27.06.14.

Class: III-ECE-B

1. Which of the following are header files?

- a)  #include  
b)  file  
c)  struct()  
d)  proc()

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?

14  
-----  
25

*Spreek*



- 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<sup>2</sup>C 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

- 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. DOS
- 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**



**Certificate of Completion**

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Embedded Solutions

This is to certify that Ms / Mr S.V.DHAR.S.M.E.C.E-B. has successfully

completed the Certificate Course on **Hardware & Software Interface design** from

23.06.14 To 27.06.14 conducted by Department of Electronics and Communication

Engineering, Knowledge Institute of Technology.

*Dinesh*  
FACULTY INCHARGE

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**Department of Electronics and Communication Engineering**



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Engineering, Knowledge Institute of Technology.

*Ginesh*  
FACULTY INCHARGE

*PM*  
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Knowledge Institute of Technology  
Kakapalavam (PO), Salem - 637 504

*W. Santhiyal*  
HOD/ ECE

*K. S. Raju*  
B'n'W-TRAINER PRINCIPAL



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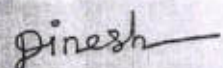
**Department of Electronics and Communication Engineering**




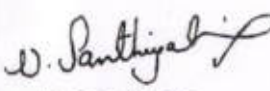
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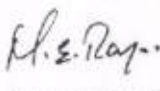
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**SALEM-637 504.**

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**Department of Electronics and Communication Engineering**



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*Dinesh*  
FACULTY INCHARGE

*Pm*  
HOD/ ECE  
Knowledge Institute of Technology  
Salem - 637 504

*W. Santhiyal*  
HOD/ ECE

*K. S. Rao*  
B'n'W-TRAINER

*P. S. Rao*  
PRINCIPAL





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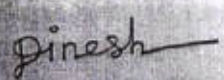
## Department of Electronics and Communication Engineering




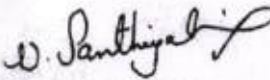
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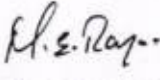
Bits'n'Watts  
Embedded Solutions

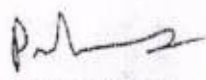
This is to certify that Ms / Mr ...JEEVA.K.M.E.C.E.A... has successfully completed the Certificate Course on **Hardware & Software Interface design** from **23.06.14**.. To **27.06.14**.. conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.

  
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Knowledge Institute of Technology  
Salmon Road, Salem-637 504

  
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B'n'W-TRAINER

  
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**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**  
**DEPARTMENT OF ECE**  
**FEEDBACK FORM**

Name of the Student: *Sumetha. R.k.*

Title of the Course: *Hardware and software Interface Design.*

Year/ Sem / Sec: *III / V / B.*

Dept : *ECE*

Date: *27.6.14.*

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 helpful to do projects & placements*
- 2.

Suggestions for improvement:

1. *Need some materials for studying.*
- 2.

*Sumetha R.k*  
(Signature of the student)

**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**  
**DEPARTMENT OF ECE**  
**FEEDBACK FORM**

Name of the Student: Induja. S.

Title of the Course: Hardware and software Interface Design.

Year/ Sem / Sec: III / V / A

Dept : ECE

Date: 27/6/14.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

|                                                       |
|-------------------------------------------------------|
| <p>1. <u>The session was very good.</u></p> <p>2.</p> |
|-------------------------------------------------------|

Suggestions for improvement:

|                                                                |
|----------------------------------------------------------------|
| <p>1. <u>Need of some power point materials.</u></p> <p>2.</p> |
|----------------------------------------------------------------|

Induja. S.  
 (Signature of the student)



KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504

DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Jothi. M.

Title of the Course: Hardware and Software Interface design.

Year/ Sem / Sec: III V IA

Dept : ECE

Date: 27.06.14.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 concepts of Hardware
2. and Software Interface design.

Suggestions for improvement:

1. —
- 2.

Jothi.M

(Signature of the student)

Rm

**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**  
**DEPARTMENT OF ECE**  
**FEEDBACK FORM**

Name of the Student: *Kathir.P*

Title of the Course: *Hardware and software Interface Design*

Year/ Sem / Sec: *III / V / A*

Dept : *ECE*

Date: *27.6.14.*

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

Two positive points about the Course:

- 1. The session was good.*
- 2. learned knowledge about Embedded system.*

Suggestions for improvement:

- 1. Need of motivational videos*
- 2.*

*Kathir.P*

(Signature of the student)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504

DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Sowmya. C.

Title of the Course: Hardware and Software Interface Design

Year/ Sem / Sec: III / V / B.

Dept : ECE

Date: 27.06.14.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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.

Suggestions for improvement:

1. ✓

2.

Sowmya C  
(Signature of the student)



KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504

DEPARTMENT OF ECE

FEEDBACK FORM

Name of the Student: Meena.P

Title of the Course: Hardware and software Interface Design

Year/ Sem / Sec: III / V / A.

Dept : ECE

Date: 19.6.15.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 doing make a product.
2. Learned Hardware & software skills.

Suggestions for improvement:

1. \_\_\_\_\_
2. \_\_\_\_\_

Meena.P

(Signature of the student)

**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**  
**DEPARTMENT OF ECE**  
**FEEDBACK FORM**

Name of the Student: Vennila. S.

Title of the Course: Hardware and software Interface Design.

Year/ Sem / Sec: III / V / B

Dept : ECE

Date: 19.06.15.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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. It will be helpful for doing make a product

Suggestions for improvement:

1. Need of PPT.
- 2.

Vennila S

(Signature of the student)



**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**  
**DEPARTMENT OF ECE**  
**FEEDBACK FORM**

Name of the Student: NIDYA.R.

Title of the Course: Hardware and software Interface Design.

Year/ Sem / Sec: III / V / B.

Dept : ECE

Date: 19.6.15.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

|                                                      |
|------------------------------------------------------|
| <p>1. <u>The course was very good.</u></p> <p>2.</p> |
|------------------------------------------------------|

Suggestions for improvement:

|                                                                    |
|--------------------------------------------------------------------|
| <p>1. <u>Increase in volume of sound in speaker.</u></p> <p>2.</p> |
|--------------------------------------------------------------------|

Vidya R  
 (Signature of the student)



**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**

**DEPARTMENT OF ECE**

**FEEDBACK FORM**

Name of the Student: *Ranjith S.*

Title of the Course: *Hardware and software Interface Design.*

Year/ Sem / Sec: *III / IV / B*

Dept : *ECE*

Date: *19.6.15.*

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

**Two positive points about the Course:**

1. *We learned more skills on Hardware*
2. *and software Interface design.*

**Suggestions for improvement:**

1. *✓*
- 2.

*Ranjith S.*  
(Signature of the student)

*PM*  
PRINCIPAL

**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504**

**DEPARTMENT OF ECE**

**FEEDBACK FORM**

Name of the Student: Mohanraj. P

Title of the Course: Hardware and software Interface Design.

Year/ Sem / Sec: III / V / A

Dept : ECE

Date: 19.6.15.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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. Overall session was very Excellent
2. It is useful to do projects & placements.


Suggestions for improvement:

- 1.
- 2.

Mohanraj. P

(Signature of the student)



|                                                                                   |                                                            |                |             |
|-----------------------------------------------------------------------------------|------------------------------------------------------------|----------------|-------------|
|  | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>                   |                |             |
|                                                                                   | <b>SALEM-637 504.</b>                                      |                |             |
|                                                                                   | Approved by AICTE, Affiliated to Anna University, Chennai. |                | <b>Date</b> |
| Kakapalayam (PO), Salem – 637 504                                                 |                                                            | www.kiot.ac.in | 04.07.2016  |

### REPORT OF THE EVENT

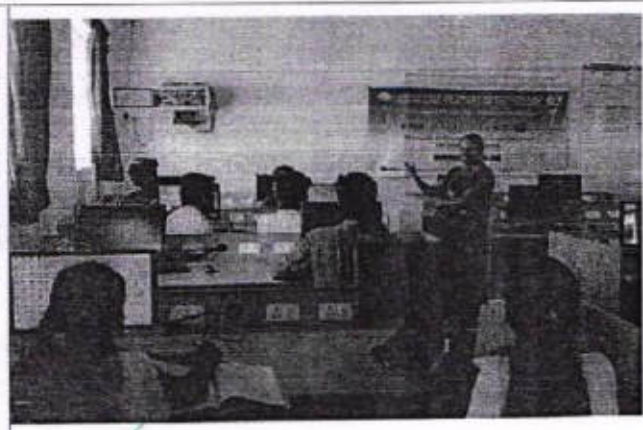
|              |                                     |                            |                                                                                       |
|--------------|-------------------------------------|----------------------------|---------------------------------------------------------------------------------------|
| <b>Date</b>  | : 27.06.2016- 01.07.2016            | <b>Resource person</b>     | : <b>Mrs.Rooparamasamy, Consultant for RV-VLSI, Bangalore.</b>                        |
| <b>Time</b>  | : 09.00 am to 04.50 pm              | <b>Title</b>               | : <b>Certificate Course on “ Testing digital memory, mixed signal VLSI circuits ”</b> |
| <b>Venue</b> | : <b>E-Block PG VLSI Design Lab</b> | <b>No. of Participants</b> | : 20 (II-ECE students)                                                                |


#### Students Learning:

Students are able to learn about combination of analog circuits, digital circuits, intrinsic mixed-signal circuits (like ADC), and embedded software. Integrated circuits (ICs) are generally classified as digital (e.g. a microprocessor) or analog (e.g. an operational amplifier). Mixed-signal ICs are chips that contain both digital and analog circuits on the same chip. This category of chip has grown dramatically with the increased use of 3G cell phones and other portable technologies.


Mixed-signal ICs are often used to convert analog signals to digital signals so that digital devices can process them. For example, mixed-signal ICs are essential components for FM tuners in digital products such as media players, which have digital amplifiers. Any analog signal (such as an FM radio transmission, a light wave or a sound) can be digitized using a very basic analog-to-digital converter, and the smallest and most energy efficient of these would be in the form of mixed-signal ICs.

Mixed-signal ICs are more difficult to design and manufacture than analog-only or digital-only integrated circuits. For example, an efficient mixed-signal IC would have its digital and analog components share a common power supply. However, analog and digital components have very different power needs and consumption characteristics that make this a non-trivial goal in chip design.



  
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|                                                                                   |                                                            |                |             |
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|                                                                                   | <b>SALEM-637 504.</b>                                      |                |             |
|                                                                                   | Approved by AICTE, Affiliated to Anna University, Chennai. |                | <b>Date</b> |
| Kakapalayam (PO), Salem – 637 504                                                 |                                                            | www.kiot.ac.in | 21.12.2014  |

### REPORT OF THE EVENT

|              |                                     |                            |                                                                                       |
|--------------|-------------------------------------|----------------------------|---------------------------------------------------------------------------------------|
| <b>Date</b>  | : 23.06.2014- 27.06.2014            | <b>Resource person</b>     | : <b>Mrs.Rooparamasamy, Consultant for RV-VLSI, Bangalore.</b>                        |
| <b>Time</b>  | : 09.00 am to 04.50 pm              | <b>Title</b>               | : <b>Certificate Course on “ Testing digital memory, mixed signal VLSI circuits ”</b> |
| <b>Venue</b> | : <b>E-Block PG VLSI Design Lab</b> | <b>No. of Participants</b> | : <b>70 (II-ECE students)</b>                                                         |

#### 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.



*Pm*

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

|              |                                                                            |         |                        |
|--------------|----------------------------------------------------------------------------|---------|------------------------|
| Circular No. | 2014-15/01                                                                 | Date    | 20/06/2014             |
| To           | II <sup>nd</sup> Year ECE Students                                         |         |                        |
| Subject      | Certificate Course on "Testing digital memory, mixed signal VLSI circuits" | From-to | 23.06.2014- 27.06.2014 |

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

| Date & Time                                               | Name of the Program                                                                  | Resource Person                                             | Venue                      |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------|
| 23.06.2014-<br>27.06.2014<br>(09.00 am<br>to<br>04.50pm ) | Certificate Course on<br>"Testing digital memory,<br>mixed signal VLSI circuits<br>" | Mrs.Rooparamasamy,<br>Consultant for RV-VLSI,<br>Bangalore. | E-Block<br>(PG VLSI -LAB ) |

*M. S. L. P.*  
FACULTY INCHARGE

*[Signature]*  
20/6/14  
HOD/ECE

*[Signature]*  
PRINCIPAL

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

*[Signature]*  
PRINCIPAL,  
Knowledge Institute of Technology  
Talakapattanam (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 organize Certificate Course on "Testing digital memory, mixed signal VLSI circuits". In this regard, I request your permission to execute the Certificate Course for II<sup>nd</sup> Year Electronics and Communication Engineering students.

Thanking You

Salem

20/06/2014

Yours Faithfully

Mrs.M.Shenbagapriya

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Salem (TN) Salem - 637 504





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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

|              |                                                                                     |         |                        |
|--------------|-------------------------------------------------------------------------------------|---------|------------------------|
| Circular No. | 2014-15/01                                                                          | Date    | 20/06/2014             |
| To           | II <sup>nd</sup> Year ECE Students                                                  |         |                        |
| Subject      | Certificate Course on “ <b>Testing digital memory, mixed signal VLSI circuits</b> ” | From-to | 23.06.2014- 27.06.2014 |

**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.

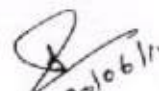
**Unit-5**

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

M.S. 20/06/14

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 20/06/14  
**HOD/ECE**



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
 ENGINEERING**

To II<sup>nd</sup> 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.



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) Grade 81% Dates attended or expected graduation 1999 – 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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|                                                                                                              |                                                   |                                                    |
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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: 2014-15      Date: 20/06/2014

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

  
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|     |                  |          |
|-----|------------------|----------|
| 23. | ELAYA RAJA.M     | II-ECE-A |
| 24. | ESWARIS          | II-ECE-A |
| 25. | FATHIMA BEVI .M  | II-ECE-A |
| 26. | GOKILAPRIYA R    | II-ECE-A |
| 27. | GOKUL PRIYA.M    | II-ECE-A |
| 28. | GOPINATH.D       | II-ECE-A |
| 29. | HARI HARAN A     | II-ECE-A |
| 30. | HARIHARASUDHAN M | II-ECE-A |
| 31. | HARI PRASATH R   | II-ECE-A |
| 32. | HARSHA SHARMA V  | II-ECE-A |
| 33. | INDHUMATHI.L     | II-ECE-A |
| 34. | INDHUMATHI P     | II-ECE-A |
| 35. | JAYACHITRA R     | II-ECE-A |
| 36. | MYTHILI S        | II-ECE-B |
| 37. | NANDHINI.A       | II-ECE-B |
| 38. | NANDHINI.R       | II-ECE-B |
| 39. | NIVETHA.N        | II-ECE-B |
| 40. | PAVITHRA.I       | II-ECE-B |
| 41. | PAVITHRA.K       | II-ECE-B |
| 42. | PAVITHRA S       | II-ECE-B |
| 43. | PRABAKARAN.S     | II-ECE-B |
| 44. | PRADHEEP KUMAR S | II-ECE-B |
| 45. | PRASANNA A       | II-ECE-B |
| 46. | PRAVINKUMAR R    | II-ECE-B |
| 47. | PRIYADHARSHINI M | II-ECE-B |
| 48. | RAJESH KUMAR.S   | II-ECE-B |
| 49. | RAMYADEVI M      | II-ECE-B |
| 50. | RENUGA P         | II-ECE-B |
| 51. | REVATHI S        | II-ECE-B |
| 52. | SABARI VASAN.S   | II-ECE-B |
| 53. | SAKTHI PRIYA.N   | II-ECE-B |

|     |                 |          |
|-----|-----------------|----------|
| 54. | SAKTHIVEL A     | II-ECE-B |
| 55. | SANGEETHA B     | II-ECE-B |
| 56. | SANGEETHA V     | II-ECE-B |
| 57. | SANTHIYA T      | II-ECE-B |
| 58. | SARAVANAN S     | II-ECE-B |
| 59. | SATHIYA BAMA.N  | II-ECE-B |
| 60. | SATHYA S        | II-ECE-B |
| 61. | SHALINI S       | II-ECE-B |
| 62. | SHANMUGAPRIYA S | II-ECE-B |
| 63. | SHARMILA V      | II-ECE-B |
| 64. | SHIVARANJAN.R   | II-ECE-B |
| 65. | SHYLAJA S       | II-ECE-B |
| 66. | SOUNDARYA.S     | II-ECE-B |
| 67. | SOUNDHARYAA S.K | II-ECE-B |
| 68. | SOWMIYA R       | II-ECE-B |
| 69. | SOWNDARYA R     | II-ECE-B |
| 70. | SRIDEVI M       | II-ECE-B |

M.S.   
20/6/14  
Faculty Incharge

  
20/6/14  
HOD/ECE



|                                                                                   |                                                   |                                                    |
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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: 2018-19      Date: 20/06/2014

| S.No. | Name of the student | Section  | 23.06.14 | 24.06.14 | 25.06.14 | 26.06.14 | 27.06.14 |
|-------|---------------------|----------|----------|----------|----------|----------|----------|
| 1.    | AAKILA BANU A       | II-ECE-A | /        | /        | /        | /        | /        |
| 2.    | ABINAYA V           | II-ECE-A | /        | /        | /        | /        | /        |
| 3.    | ABIRAMI.T           | II-ECE-A | /        | /        | /        | /        | /        |
| 4.    | ABISHEK KUMAR K     | II-ECE-A | /        | /        | /        | a        | /        |
| 5.    | AMUTHAVALLI M       | II-ECE-A | /        | /        | /        | /        | /        |
| 6.    | ANITHA.M            | II-ECE-A | /        | /        | /        | /        | /        |
| 7.    | ARUNKUMAR.G         | II-ECE-A | /        | /        | /        | /        | /        |
| 8.    | AYYAPPAN V          | II-ECE-A | /        | /        | /        | /        | /        |
| 9.    | BABYKIRUTHIGA K     | II-ECE-A | /        | /        | /        | /        | /        |
| 10.   | BALAJI R            | II-ECE-A | /        | /        | a        | /        | /        |
| 11.   | BHUVANESWARI R      | II-ECE-A | /        | /        | /        | /        | /        |
| 12.   | DEEPAMBIKA N        | II-ECE-A | /        | /        | /        | /        | /        |
| 13.   | DEEPASRI.T          | II-ECE-A | /        | /        | /        | /        | /        |
| 14.   | DEEPIKA T           | II-ECE-A | /        | /        | /        | /        | /        |
| 15.   | DHANASEKAR A        | II-ECE-A | /        | /        | /        | /        | /        |
| 16.   | DHARANKUMAR J       | II-ECE-A | /        | /        | /        | /        | /        |
| 17.   | DHARINI P           | II-ECE-A | /        | /        | /        | /        | /        |
| 18.   | DINESH.V            | II-ECE-A | /        | /        | /        | /        | /        |
| 19.   | DINESH KUMAR R      | II-ECE-A | /        | a        | /        | /        | /        |
| 20.   | DIVYA BHARATHI S    | II-ECE-A | /        | /        | /        | /        | /        |
| 21.   | DIVYA DHARSHINI S   | II-ECE-A | /        | /        | /        | /        | /        |
| 22.   | ELAHI A             | II-ECE-A | /        | /        | /        | /        | /        |

  
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|     |                  |          |   |   |   |   |   |
|-----|------------------|----------|---|---|---|---|---|
| 23. | ELAYA RAJA.M     | II-ECE-A | / | / | / | / | / |
| 24. | ESWARIS          | II-ECE-A | / | / | / | / | / |
| 25. | FATHIMA BEVI .M  | II-ECE-A | a | / | / | / | / |
| 26. | GOKILAPRIYA R    | II-ECE-A | / | / | / | / | / |
| 27. | GOKUL PRIYA.M    | II-ECE-A | / | / | / | / | / |
| 28. | GOPINATH.D       | II-ECE-A | / | / | / | / | / |
| 29. | HARI HARAN A     | II-ECE-A | / | / | / | / | / |
| 30. | HARIHARASUDHAN M | II-ECE-A | / | / | / | / | / |
| 31. | HARI PRASATH R   | II-ECE-A | / | / | / | / | / |
| 32. | HARSHA SHARMA V  | II-ECE-A | / | / | / | / | / |
| 33. | INDHUMATHI.L     | II-ECE-A | / | / | / | / | / |
| 34. | INDHUMATHI P     | II-ECE-A | / | / | / | / | / |
| 35. | JAYACHITRA R     | II-ECE-A | / | / | a | / | / |
| 36. | MYTHILI S        | II-ECE-B | / | / | / | / | / |
| 37. | NANDHINI.A       | II-ECE-B | / | / | / | / | / |
| 38. | NANDHINI.R       | II-ECE-B | / | / | / | / | / |
| 39. | NIVETHA.N        | II-ECE-B | / | / | / | / | / |
| 40. | PAVITHRA.J       | II-ECE-B | / | / | / | / | / |
| 41. | PAVITHRA.K       | II-ECE-B | / | a | / | / | / |
| 42. | PAVITHRA S       | II-ECE-B | / | / | / | / | / |
| 43. | PRABAKARAN.S     | II-ECE-B | / | / | / | / | / |
| 44. | PRADHEEP KUMAR S | II-ECE-B | / | / | / | / | / |
| 45. | PRASANNA A       | II-ECE-B | / | / | / | / | / |
| 46. | PRAVINKUMAR R    | II-ECE-B | / | / | / | / | / |
| 47. | PRIYADHARSHINI M | II-ECE-B | / | / | / | / | / |
| 48. | RAJESH KUMAR.S   | II-ECE-B | / | / | / | a | / |
| 49. | RAMYADEV I M     | II-ECE-B | / | / | / | / | / |
| 50. | RENUGA P         | II-ECE-B | / | / | / | / | / |
| 51. | REVATHI S        | II-ECE-B | a | / | / | / | / |
| 52. | SABARI VASAN.S   | II-ECE-B | / | / | / | / | / |
| 53. | SAKTHI PRIYA.N   | II-ECE-B | / | / | / | / | / |

|     |                 |          |   |   |   |   |   |
|-----|-----------------|----------|---|---|---|---|---|
| 54. | SAKTHIVEL A     | II-ECE-B | / | / | / | / | / |
| 55. | SANGEETHA B     | II-ECE-B | / | a | / | / | / |
| 56. | SANGEETHA V     | II-ECE-B | / | / | / | / | / |
| 57. | SANTHIYA T      | II-ECE-B | / | / | / | / | / |
| 58. | SARAVANAN S     | II-ECE-B | / | / | / | / | / |
| 59. | SATHIYA BAMA.N  | II-ECE-B | / | / | / | / | / |
| 60. | SATHYA S        | II-ECE-B | / | / | a | / | / |
| 61. | SHALINI S       | II-ECE-B | / | / | / | / | / |
| 62. | SHANMUGAPRIYA S | II-ECE-B | / | / | / | / | / |
| 63. | SHARMILA V      | II-ECE-B | / | / | / | / | / |
| 64. | SHIVARANJAN.R   | II-ECE-B | a | / | / | / | / |
| 65. | SHYLAJA S       | II-ECE-B | / | / | / | / | / |
| 66. | SOUNDARYA.S     | II-ECE-B | / | / | / | / | / |
| 67. | SOUNDHARYAA S.K | II-ECE-B | / | / | / | a | / |
| 68. | SOWMIYA R       | II-ECE-B | / | / | / | / | / |
| 69. | SOWNDARYA R     | II-ECE-B | / | / | / | / | / |
| 70. | SRIDEVI M       | II-ECE-B | / | / | / | / | / |

M. S. L. P.  
27/6/14  
Faculty Incharge

  
27/6/14  
HOD/ECE



|                                                                                                       |                                                   |                                                    |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| <br>Beyond Knowledge | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>          |                                                    |
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**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: 2018-19      Date: 20/06/2014

| S.No. | Name of the student | Section  | Marks Scored (50) |
|-------|---------------------|----------|-------------------|
| 1.    | AAKILA BANU A       | II-ECE-A | 46                |
| 2.    | ABINAYA V           | II-ECE-A | 42                |
| 3.    | ABIRAMI.T           | II-ECE-A | 38                |
| 4.    | ABISHEK KUMAR K     | II-ECE-A | 34                |
| 5.    | AMUTHAVALLI M       | II-ECE-A | 36                |
| 6.    | ANITHA.M            | II-ECE-A | 32                |
| 7.    | ARUNKUMAR.G         | II-ECE-A | 44                |
| 8.    | APPAPPAN V          | II-ECE-A | 38                |
| 9.    | BABYKIRUTHIGA K     | II-ECE-A | 28                |
| 10.   | BALAJI R            | II-ECE-A | 26                |
| 11.   | BHUVANESWARI R      | II-ECE-A | 30                |
| 12.   | DEEPAMBIKA N        | II-ECE-A | 34                |
| 13.   | DEEPASRI.T          | II-ECE-A | 40                |
| 14.   | DEEPIKA T           | II-ECE-A | 44                |
| 15.   | DHANASEKAR A        | II-ECE-A | 38                |
| 16.   | DHARANKUMAR J       | II-ECE-A | 32                |
| 17.   | DHARINI P           | II-ECE-A | 42                |
| 18.   | DINESH.V            | II-ECE-A | 40                |
| 19.   | DINESH KUMAR R      | II-ECE-A | 36                |
| 20.   | DIVYA BHARATHI S    | II-ECE-A | 32                |
| 21.   | DIVYA DHARSHINI S   | II-ECE-A | 34                |


  
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|     |                  |          |    |
|-----|------------------|----------|----|
| 22. | ELAHI A          | II-ECE-A | 36 |
| 23. | ELAYA RAJA.M     | II-ECE-A | 32 |
| 24. | ESWARL.S         | II-ECE-A | 40 |
| 25. | FATHIMA BEVI .M  | II-ECE-A | 42 |
| 26. | GOKILAPRIYA R    | II-ECE-A | 38 |
| 27. | GOKUL PRIYA.M    | II-ECE-A | 46 |
| 28. | GOPINATH.D       | II-ECE-A | 42 |
| 29. | HARI HARAN A     | II-ECE-A | 34 |
| 30. | HARIHARASUDHAN M | II-ECE-A | 32 |
| 31. | HARI PRASATH R   | II-ECE-A | 36 |
| 32. | HARSHA SHARMA V  | II-ECE-A | 38 |
| 33. | INDHUMATH.L      | II-ECE-A | 36 |
| 34. | INDHUMATHI P     | II-ECE-A | 38 |
| 35. | JAYACHITRA R     | II-ECE-A | 28 |
| 36. | MYTHILI S        | II-ECE-B | 40 |
| 37. | NANDHINI.A       | II-ECE-B | 42 |
| 38. | NANDHINI.R       | II-ECE-B | 46 |
| 39. | NIVETHA.N        | II-ECE-B | 42 |
| 40. | PAVITHRA.I       | II-ECE-B | 34 |
| 41. | PAVITHRA.K       | II-ECE-B | 32 |
| 42. | PAVITHRA S       | II-ECE-B | 36 |
| 43. | PRABAKARAN.S     | II-ECE-B | 38 |
| 44. | PRADHEEP KUMAR S | II-ECE-B | 42 |
| 45. | PRASANNA A       | II-ECE-B | 44 |
| 46. | PRAVINKUMAR R    | II-ECE-B | 46 |
| 47. | PRIYADHARSHINI M | II-ECE-B | 42 |
| 48. | RAJESH KUMAR.S   | II-ECE-B | 38 |
| 49. | RAMYADEVI M      | II-ECE-B | 34 |
| 50. | RENUGA P         | II-ECE-B | 36 |
| 51. | REVATHI S        | II-ECE-B | 32 |
| 52. | SABARI VASAN.S   | II-ECE-B | 44 |


|     |                 |          |    |
|-----|-----------------|----------|----|
| 53. | SAKTHI PRIYA.N  | II-ECE-B | 38 |
| 54. | SAKTHIVEL A     | II-ECE-B | 28 |
| 55. | SANGEETHA B     | II-ECE-B | 26 |
| 56. | SANGEETHA V     | II-ECE-B | 30 |
| 57. | SANTHIYA T      | II-ECE-B | 34 |
| 58. | SARAVANAN S     | II-ECE-B | 40 |
| 59. | SATHIYA BAMA.N  | II-ECE-B | 44 |
| 60. | SATHYA S        | II-ECE-B | 38 |
| 61. | SHALINI S       | II-ECE-B | 32 |
| 62. | SHANMUGAPRIYA S | II-ECE-B | 42 |
| 63. | SHARMILA V      | II-ECE-B | 40 |
| 64. | SHIVARANJANI.R  | II-ECE-B | 34 |
| 65. | SHYLAJA S       | II-ECE-B | 32 |
| 66. | SOUNDARYA.S     | II-ECE-B | 36 |
| 67. | SOUNDHARYAA S.K | II-ECE-B | 38 |
| 68. | SOWMIYA R       | II-ECE-B | 42 |
| 69. | SOWNDARYA R     | II-ECE-B | 44 |
| 70. | SRIDEVI M       | II-ECE-B | 46 |

M.S.V.  
26/6/14  
Faculty Incharge

  
26/6/14  
HOD/ECE

  
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|                                                                                   |                                                   |                                                    |
|-----------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Question Paper**

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

Date: 27.06.14

Name of the Student: Jaya Chitra-R

Class: II - ECE - A

*M. S. J*  
27/6/14

(14/25)

1. VLSI technology uses \_\_\_\_\_ to form integrated circuit
  - a) transistors
  - b) switches
  - c) diodes
  - d) buffers
  
2. Medium scale integration has
  - a) ten logic gates
  - b) fifty logic gates
  - c) hundred logic gates
  - d) thousands logic gates
  
3. The difficulty in achieving high doping concentration leads to
  - a) error in concentration
  - b) error in variation
  - c) error in doping
  - d) distribution 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

*Pm*

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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) 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



- 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**



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This is to certify that Ms / ~~Mr~~ .....**ANITHA.M.T.ECE-A** has successfully completed the Certificate Course on **Testing digital memory, mixed signal VLSI circuits** from **23.6.14** To **27.6.14**.. conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.

*M.S.L.P*  
FACULTY INCHARGE

*V. Santhiyah* *Rosey*  
HOD/ ECE      RV- TRAINER

*P. ...*  
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*M.S.L.P*  
FACULTY INCHARGE

*Rm*  
M NCIMA,  
Knowledge Institute of Technology  
Kasarpalayam (PO) Salem - 637 504

*V. Santhiyabiji* *Rosey*  
HOD/ ECE      RV- TRAINER

*P. ...*  
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**Department of Electronics and Communication Engineering**

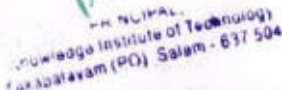


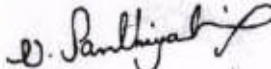
**Certificate of Completion**





This is to certify that ~~Ms~~ / Mr **BALAJI R. I. ECE-A** has successfully completed the Certificate Course on **Testing digital memory, mixed signal VLSI circuits** from **23.6.14** To **27.6.14**... conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.

  
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Principal  
Knowledge Institute of Technology  
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RV- TRAINER

  
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**Department of Electronics and Communication Engineering**



**Certificate of Completion**



This is to certify that Ms / ~~Mr~~ **MYTHILIS JEEB...** has successfully completed the Certificate Course on **Testing digital memory, mixed signal VLSI circuits** from **23.6.14**... To **27.6.14**.... conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.

*N. S. J. P.*  
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**Department of Electronics and Communication Engineering**



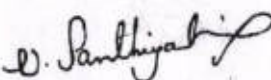
## Certificate of Completion



This is to certify that ~~Ms~~ / Mr **PRABAKARAN S. - II - ECE - B.** has successfully completed the Certificate Course on **Testing digital memory, mixed signal VLSI circuits** from **23.6.14**... To **27.6.14**... conducted by Department of Electronics and Communication Engineering, Knowledge Institute of Technology.

  
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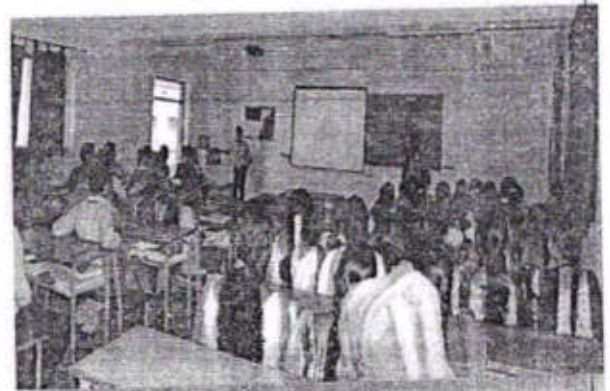


**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**REPORT OF THE EVENT**

|              |   |                                       |                            |   |                                                                                                                 |
|--------------|---|---------------------------------------|----------------------------|---|-----------------------------------------------------------------------------------------------------------------|
| <b>Date</b>  | : | 29.12.14 to 13.01.15                  | <b>Resource person</b>     | : | <b>Global CADD Technology</b><br>38, Kalaimagal St, Alagapuram Pudur,<br>Salem, Tamil Nadu 636004<br>(External) |
| <b>Time</b>  | : | 2.30 pm to 6.30pm                     | <b>Title</b>               | : | Certification Course on-<br>"Electrical wiring circuit design<br>using Electrical CAD"                          |
| <b>Venue</b> | : | E-Block 3rd Floor-<br>MTLC & CC9 lab. | <b>No. of Participants</b> | : | 95                                                                                                              |

- 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 concepts of Circuit Design Practice practically.



Encl: Circular / Lesson Plan / Attendance Sheet / Feedback

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# KNOWLEDGE INSTITUTE OF TECHNOLOGY SALEM - 637 504

Beyond knowledge

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

|                     |                            |      |            |
|---------------------|----------------------------|------|------------|
| Circular No.        | EEE/CC/01                  | Date | 14.11.2014 |
| To                  | II-Year EEE students       |      |            |
| Name of the subject | Certification Course- Reg. |      |            |

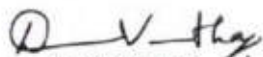
This is to inform you that Department of Electrical & Electronics Engineering has planned to conduct a **Certification course on Electrical wiring circuit design using Electrical CAD** for II year students. Interested candidates are requested to register their names to Faculty Coordinator.

| SL. NO. | Name of The Program                                   | Venue                                      | Date & Time (No of Hours)                                    | Resource Person                                                                                          |
|---------|-------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 1       | Electrical wiring circuit design using Electrical CAD | E-Block<br>3rd Floor-<br>MTLC &<br>CC9 lab | 29.12.14 to 13.01.15<br>&<br>2.30 pm to 6.30pm<br>(42 Hours) | Global CADD Technology<br>38, Kalaimagal St, Alagapuram<br>Pudur, Salem, Tamil Nadu 636004<br>(External) |

For Further Details & Registration Kindly Contact:

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

  
Certification Course Co-Coordinator

  
HOD/EEE 14/11/14

  
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| 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,  
P.O., Salem-637 504



From

24/12/2014, 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 29.12.14 to 13.01.15 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:

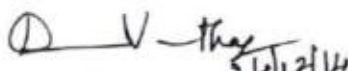
| Description                         | Particulars                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------------------|
| Year                                | II (Electrical and Electronics engineering Students)                                              |
| Name of the Course                  | <b>Electrical wiring circuit design using Electrical CAD</b>                                      |
| Company/ Resource Person            | <b>Global CADD Technology</b><br>38, Kalaimagal St, Alagapuram Pudur, Salem,<br>Tamil Nadu 636004 |
| Total Number of Students Registered | 95 Nos.                                                                                           |


Thank you sir

Yours truly,



(Mr.B.Sasikumar)

  
HOD/EEE 24/12/14

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

  
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Date: 05.05.14

**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 2014-15.

| 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         | New Course                     |
| 2.    | VAC                                | Programming in C & C++                                            | 60             | III-EEE        | New Course                     |
| 3.    | VAC                                | Numerical Modeling using MATLAB                                   | 30             | II-EEE         | New Course                     |
| 4.    | VAC                                | Power Electronics Circuit Design                                  | 36             | IV-EEE         | Existing Course and Continuing |
| 5.    | VET                                | Electrical Rewiring and trouble Shooting of Electrical Appliances | 90             | EEE            | New Course                     |

*D V Thang*  
5/5/14  
**HOD/EEE**

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

*Principal*  
**PRINCIPAL**

# KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Certification Course

Students Enrollment List

Academic Year: 2014-15

Year/Sem: II/IV

Date: 24/12/2014

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

| S.No | Register No  | Name of the Student |
|------|--------------|---------------------|
| 1    | 611213105001 | ABINAYA K           |
| 2    | 611213105003 | ARCHANA R           |
| 3    | 611213105004 | ARUNKUMAR S         |
| 4    | 611213105007 | ELAKIYA S           |
| 5    | 611213105008 | GANDHIMATHI R       |
| 6    | 611213105010 | GOKULA PRIYA B      |
| 7    | 611213105012 | GOPINATH J          |
| 8    | 611213105013 | GOPINATH M          |
| 9    | 611213105015 | JAYA SURIYA J       |
| 10   | 611213105016 | JEEVANANTHAM K      |
| 11   | 611213105017 | JULIEISONA G        |
| 12   | 611213105018 | KALA T              |
| 13   | 611213105019 | KARTHICK S          |
| 14   | 611213105020 | KARTHIESWARUBA N    |
| 15   | 611213105021 | KARTHIK D V         |
| 16   | 611213105022 | KARTHIKA K G        |
| 17   | 611213105024 | KAUSALYA K          |
| 18   | 611213105025 | KAVIN M             |
| 19   | 611213105026 | KAVIN PRASATH R     |
| 20   | 611213105028 | KRISHNAKUMAR C      |
| 21   | 611213105029 | KRISHNAPRASANTH B   |
| 22   | 611213105031 | LINGESH R           |
| 23   | 611213105032 | LOGARANJITHAN B     |
| 24   | 611213105033 | LOKESH P            |
| 25   | 611213105034 | MAHENDRAN I         |
| 26   | 611213105035 | MAHESWARI M         |
| 27   | 611213105036 | MANISHA M           |
| 28   | 611213105037 | MANOJ PRASAATH C    |
| 29   | 611213105038 | MATHIYARASU M       |
| 30   | 611213105039 | MOHAN KUMAR K       |
| 31   | 611213105041 | MURALIDHARAN S      |

  
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Chakrapalavaram (Po), Salem-637 604

| S.No | Register No  | Name of the Student  |
|------|--------------|----------------------|
| 32   | 611213105043 | NADHIYA M            |
| 33   | 611213105044 | NANDHAKUMAR S        |
| 34   | 611213105045 | NANDHINI R           |
| 35   | 611213105046 | NANTHAKUMAR M        |
| 36   | 611213105049 | NIRMALA P            |
| 37   | 611213105051 | NIYAMATULLAH N       |
| 38   | 611213105053 | PERIANAYAKI M        |
| 39   | 611213105054 | POORNIMA Y           |
| 40   | 611213105055 | POURNESH M           |
| 41   | 611213105056 | PRABAKARAN C         |
| 42   | 611213105057 | PRABAKARAN N         |
| 43   | 611213105058 | PRASANTH C           |
| 44   | 611213105059 | PRASANTH T           |
| 45   | 611213105060 | PRATHIBHA V          |
| 46   | 611213105062 | PRIYA P              |
| 47   | 611213105063 | RAMACHANDRAN G       |
| 48   | 611213105064 | RAMYA K              |
| 49   | 611213105066 | RAMYALAKSHMI K       |
| 50   | 611213105067 | RANJITH U K          |
| 51   | 611213105068 | REKHA N              |
| 52   | 611213105069 | SANDHIYA S           |
| 53   | 611213105070 | SANTHI V             |
| 54   | 611213105071 | SANTHOSHKUMAR N      |
| 55   | 611213105072 | SARANYA P            |
| 56   | 611213105073 | SARANYADEVI P        |
| 57   | 611213105074 | SARAVANAPRASAATH S R |
| 58   | 611213105075 | SASIKUMAR B          |
| 59   | 611213105076 | SATHIYA SEELAN P     |
| 60   | 611213105077 | SELVARAJ A           |
| 61   | 611213105078 | SHRUTHI SHAHANA R    |
| 62   | 611213105079 | SIVASANKAR K         |
| 63   | 611213105081 | SRINIVASAN R         |
| 64   | 611213105082 | SRINIVASAN S         |
| 65   | 611213105084 | SRITHAR M            |
| 66   | 611213105085 | SUBATHRA A           |
| 67   | 611213105087 | TAMIZHAZHAGAN M      |



| S.No | Register No  | Name of the Student |
|------|--------------|---------------------|
| 68   | 611213105088 | TARANA APJ          |
| 69   | 611213105090 | VARADHARAJ V T      |
| 70   | 611213105092 | VIGNESH M           |
| 71   | 611213105093 | VIGNESH S           |
| 72   | 611213105094 | VIGNESHWARAN R      |
| 73   | 611213105095 | VIJAYAKUMAR G       |
| 74   | 611213105096 | VIJAYAKUMAR N       |
| 75   | 611213105097 | VINITHA G           |
| 76   | 611213105098 | VINOTHINI V         |
| 77   | 611213105099 | VINOTHKUMAR M       |
| 78   | 611213105101 | VISHNU PRIYAA R     |
| 79   | 611213105301 | ANBU A              |
| 80   | 611213105302 | ARAVINDRAJ G        |
| 81   | 611213105303 | DEEPAK KUMAR R      |
| 82   | 611213105305 | HARISHANKAR N       |
| 83   | 611213105306 | KALAIMANI M         |
| 84   | 611213105307 | KEERTHANA D         |
| 85   | 611213105308 | MANIKANDAN K        |
| 86   | 611213105309 | MOHAN RAJ V         |
| 87   | 611213105311 | NIZAR D             |
| 88   | 611213105312 | PARTHASARATHY R     |
| 89   | 611213105313 | POOVARASAN K        |
| 90   | 611213105314 | SADURUDEEN S        |
| 91   | 611213105315 | SAPTHAGIRI A        |
| 92   | 611213105316 | SIRANJEEVI S        |
| 93   | 611213105317 | SURESH B            |
| 94   | 611213105318 | TAMIL MANI S        |
| 95   | 611213105319 | VENKAT RAMAN L K    |

*B. Sankar*  
24/12/14  
CC Coordinator

*D. V. Hary*  
24/12/14  
HoD/EEE

*Pm*  
Principal,  
Knowledge Institute of Technology,  
Kakapalayam (Po), Salem-637 604

# KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637 504

## Department of Electrical and Electronics Engineering

### Certification Course – Lesson Plan Schedule

|                            |                                                       |              |                     |
|----------------------------|-------------------------------------------------------|--------------|---------------------|
| <b>Name of the Course:</b> | Electrical wiring circuit design using Electrical CAD |              |                     |
| <b>Academic Year:</b>      | 2014-2015                                             |              |                     |
| <b>Year/Sem:</b>           | II / IV                                               | <b>Date:</b> | 29.12.14 to 13.1.15 |

| Day | Session Timing | Course Content                                                                                                                                                              |
|-----|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | 3.30pm to 7 pm | <ul style="list-style-type: none"><li>• Introduction to CAD/CAM/CAE</li></ul>                                                                                               |
| 2.  | 3.30pm to 7 pm | <ul style="list-style-type: none"><li>• Introduction to Electrical CAD</li><li>• Basic setup, coordinate System</li></ul>                                                   |
| 3.  | 3.30pm to 7 pm | <ul style="list-style-type: none"><li>• Line, XLine, Rectangle, Copy, Offset</li><li>• Polygen, Array, Move, Rotate</li></ul>                                               |
| 4.  | 3.30pm to 7 pm | <ul style="list-style-type: none"><li>• Mirror, Erase, Arc, Circles, Trim</li><li>• Extend, Scale, Stretch</li></ul>                                                        |
| 5.  | 3.30pm to 7 pm | <b>Drawing Practice:</b> <ul style="list-style-type: none"><li>• Ellipse, Spline, Point, Donut, Extend, Break</li><li>• Fillet, Chamfer, Explode, Divide</li></ul>          |
| 6.  | 3.30pm to 7 pm | <b>Drawing Practice:</b> <ul style="list-style-type: none"><li>• Object Selection Method</li><li>• Drafting Settings, Properties, Match Properties, Block, Wblock</li></ul> |
| 7.  | 3.30pm to 7 pm | <b>Drawing Practice:</b> <ul style="list-style-type: none"><li>• Hatch, Display, Order, Single line text</li><li>• Multi line text, Table, Boundary, Region</li></ul>       |
| 8.  | 3.30pm to 7 pm | <b>Drawing Practice:</b> <ul style="list-style-type: none"><li>• Parametric Modeling &amp; Dimensioning</li></ul>                                                           |
| 9.  | 3.30pm to 7 pm | <b>Drawing Test:</b> <ul style="list-style-type: none"><li>• Inserting Schematic Components, Symbols, Components from list</li></ul>                                        |

  
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|     |                |                                                                                                      |
|-----|----------------|------------------------------------------------------------------------------------------------------|
| 10. | 3.30pm to 7 pm | <b>Drawing Test:</b><br>• Connectors, Terminals, Multi-Level Terminals                               |
| 11. | 3.30pm to 7 pm | <b>Circuit Design Practice:</b><br>• Jumpers, Basic Utilities, Copying Catalogue and Location Values |
| 12. | 3.30pm to 7 pm | <b>Circuit Design Practice</b><br>• 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 | <b>Global CADD Technology</b><br>38, Kalaimagal St, Alagapuram Pudur,<br>Salem, Tamil Nadu 636004 | E-Block 3 <sup>rd</sup><br>Floor- MTLC &<br>CC9 lab |

*B. Sankar*  
24/12/14  
CC Coordinator

*D. V. Pras*  
24/12/14  
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*pm*  
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# 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: 02-11-14

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

Empowering Cadd Trainees

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

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2/38, First Floor, Kalaimagal Street,  
Swamapuri, 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.



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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.

  
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**KNOWLEDGE INSTITUTE OF TECHNOLOGY**  
 Department of Electrical and Electronics Engineering  
 Certification Course  
 Students Attendance

Academic Year: 2014-15

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

Year/Sem: II/III

Timing: 2.30pm to 6.30pm

| S.No | Register No  | Name of the Student | 29.12.14 | 30.12.14 | 31.12.14 | 2.01.15 | 3.01.15 | 05.01.15 | 06.01.15 | 07.01.15 | 08.01.15 | 09.01.15 | 10.01.15 | 11.01.15 | 12.01.15 | 13.01.15 |
|------|--------------|---------------------|----------|----------|----------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1    | 611213105001 | ABINAYA K           | /        | a        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 2    | 611213105003 | ARCHANA R           | /        | /        | x        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 3    | 611213105004 | ARUNKUMAR S         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 4    | 611213105007 | ELAKIYA S           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 5    | 611213105008 | GANDHIMATHI R       | /        | /        | a        | /       | /       | /        | /        | /        | a        | /        | /        | /        | /        | /        |
| 6    | 611213105010 | GOKULA PRIYA B      | /        | /        | /        | /       | /       | /        | /        | a        | /        | /        | /        | /        | /        | /        |
| 7    | 611213105012 | GOPINATH J          | /        | /        | /        | /       | /       | /        | /        | /        | /        | a        | /        | /        | /        | /        |
| 8    | 611213105013 | GOPINATH M          | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 9    | 611213105015 | JAYA SURIYA J       | /        | /        | /        | /       | /       | /        | /        | /        | a        | /        | /        | /        | /        | /        |
| 10   | 611213105016 | JEEVANANTHAM K      | /        | /        | /        | /       | a       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 11   | 611213105017 | JULIEISONA G        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 12   | 611213105018 | KALA T              | a        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 13   | 611213105019 | KARTHICK S          | /        | /        | /        | /       | /       | a        | /        | /        | /        | /        | /        | /        | /        | /        |
| 14   | 611213105020 | KARTHIESWARUBA N    | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | a        |
| 15   | 611213105021 | KARTHIK D V         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | a        |
| 16   | 611213105022 | KARTHIKA E G        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 17   | 611213105024 | KAUSALYA K          | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 18   | 611213105025 | KAVIN M             | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 19   | 611213105026 | KAVIN PRASATH R     | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 20   | 611213105028 | KRISHNAKUMAR C      | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 21   | 611213105029 | KRISHNAPRASANTH B   | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 22   | 611213105031 | LINGESH R           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 23   | 611213105032 | LOGARANJITHAN B     | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 24   | 611213105033 | LOKESH P            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 25   | 611213105034 | MAHENDRAN I         | /        | /        | /        | /       | /       | /        | /        | a        | /        | /        | /        | /        | /        | /        |
| 26   | 611213105035 | MAHESWARI M         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 27   | 611213105036 | MANISHA M           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | a        | /        |
| 28   | 611213105037 | MANOJ PRASAATH C    | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 29   | 611213105038 | MATHIYARASU M       | a        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 30   | 611213105039 | MOHAN KUMAR K       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 31   | 611213105041 | MURALIDHARAN S      | /        | /        | /        | /       | /       | /        | a        | /        | /        | /        | /        | /        | /        | /        |
| 32   | 611213105043 | NADHIYA M           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 33   | 611213105044 | NANDHAKUMAR S       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |

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| S.No | Register No  | Name of the Student  | 29.12.14 | 30.12.14 | 31.12.14 | 2.01.15 | 3.01.15 | 05.01.15 | 06.01.15 | 07.01.15 | 08.01.15 | 09.01.15 | 10.01.15 | 11.01.15 | 12.01.15 | 13.01.15 |
|------|--------------|----------------------|----------|----------|----------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 34   | 611213105045 | NANDHINI R           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 35   | 611213105046 | NANTHAKUMAR M        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 36   | 611213105049 | NIRMALA P            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 37   | 611213105051 | NIYAMATULLAH N       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 38   | 611213105053 | PERIANAYAKIM         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 39   | 611213105054 | POORNIMA Y           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 40   | 611213105055 | POURNESH M           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 41   | 611213105056 | PRABAKARAN C         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 42   | 611213105057 | PRABAKARAN N         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 43   | 611213105058 | PRASANTH C           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 44   | 611213105059 | PRASANTH T           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 45   | 611213105060 | PRATHIBHA V          | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 46   | 611213105062 | PRIYA P              | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 47   | 611213105063 | RAMACHANDRAN G       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 48   | 611213105064 | RAMYA K              | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 49   | 611213105066 | RAMYALAKSHMI K       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 50   | 611213105067 | RANJITH U K          | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 51   | 611213105068 | REKHA N              | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 52   | 611213105069 | SANDHYA S            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 53   | 611213105070 | SANTHI V             | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 54   | 611213105071 | SANTHOSHKUMAR N      | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 55   | 611213105072 | SARANYA P            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 56   | 611213105073 | SARANYADEVI P        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 57   | 611213105074 | SARAVANAPRASAATH S R | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 58   | 611213105075 | SASIKUMAR B          | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 59   | 611213105076 | SATHYA SEELAN P      | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 60   | 611213105077 | SELVARAJ A           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 61   | 611213105078 | SHRUTHI SHAJANA R    | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 62   | 611213105079 | SIVASANKAR K         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 63   | 611213105081 | SRINIVASAN R         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 64   | 611213105082 | SRINIVASAN S         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 65   | 611213105084 | SRITHAR M            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 66   | 611213105085 | SUBATHRA A           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 67   | 611213105087 | TAMIZHAZHAGAN M      | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 68   | 611213105088 | TARANA APJ           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 69   | 611213105090 | VARADHARAJ V T       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 70   | 611213105092 | VIGNESH M            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 71   | 611213105093 | VIGNESH S            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 72   | 611213105094 | VIGNESHWARAN R       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |



| S.No                   | Register No  | Name of the Student | 29.12.14 | 30.12.14 | 31.12.14 | 2.01.15 | 3.01.15 | 05.01.15 | 06.01.15 | 07.01.15 | 08.01.15 | 09.01.15 | 10.01.15 | 11.01.15 | 12.01.15 | 13.01.15 |
|------------------------|--------------|---------------------|----------|----------|----------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 73                     | 611213105095 | VIJAYAKUMAR G       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 74                     | 611213105096 | VIJAYAKUMAR N       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 75                     | 611213105097 | VINITHA G           | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 76                     | 611213105098 | VINOTHINI V         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 77                     | 611213105099 | VINOTHKUMAR M       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 78                     | 611213105101 | VISINU PRIYAA R     | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 79                     | 611213105301 | ANBU A              | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 80                     | 611213105302 | ARAVINDRAJ G        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 81                     | 611213105303 | DEEPAK KUMAR R      | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 82                     | 611213105305 | HARISHANKAR N       | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 83                     | 611213105306 | KALAIMANI M         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 84                     | 611213105307 | KEERTHANA D         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 85                     | 611213105308 | MANIKANDAN K        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 86                     | 611213105309 | MOHAN RAJ V         | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 87                     | 611213105311 | NIZAR D             | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 88                     | 611213105312 | PARTHASARATHY R     | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 89                     | 611213105313 | POOVARASAN K        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 90                     | 611213105314 | SADURUDEEN S        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 91                     | 611213105315 | SAPTHAGIRI A        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 92                     | 611213105316 | SIRANJEEVI S        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 93                     | 611213105317 | SURESH B            | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 94                     | 611213105318 | TAMIL MANI S        | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 95                     | 611213105319 | VENKAT RAMAN L K    | /        | /        | /        | /       | /       | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| No of Students Present |              |                     | 90       | 95       | 94       | 93      | 89      | 93       | 91       | 91       | 91       | 89       | 93       | 89       | 91       | 88       |
| No of Students Absent  |              |                     | 5        | 0        | 1        | 2       | 6       | 2        | 4        | 4        | 4        | 6        | 2        | 6        | 4        | 7        |

B. Sankarathas  
CC Coordinator

D. V. Hegde  
HoD/EEE  
Bells

Principal,  
Knowledge Institute of Technology  
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# 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:      | 2014-2015                                             |       |         |
| Year/Sem:           | II / IV                                               |       |         |
| Name:               | Rekha . N                                             |       |         |
| Reg No:             | 611213105068                                          | Date: | 73.1.15 |

### Part A

(10x2=20)

1. Define Cad?
2. What Is Cad System?
3. List the Elements Of Cad; (or) Various Phases Of Cad?
4. List the Geometric Modeling Techniques?
5. Compare 2d Vs 3d?
6. What Are The Various 2d Transformations?
7. What Are The Advantages Of Solid Modeling?
8. What Is Drawing Entities?
9. What Are The Editing Commands In Cad?
10. What Is Geometric Modeling?

### Part B

(15X2=30)

1. Draw the Electrical Symbols of Resistor, Capacitor, Inductor, Diode, TRIAC, DIAC, 1 phase Induction motor, Synchronous motor and Transformer in CAD Software.
2. Construct the circuit diagram of three phase Induction motor load test using CAD Software.

| S.No  | Particulars                   | Marks Allocated | Marks Awarded |
|-------|-------------------------------|-----------------|---------------|
| 1     | Test                          | 50              | 40            |
| 2     | Viva- Voce                    | 20              | 10            |
| 3     | Assignments and Participation | 30              | 25            |
| Total |                               | 100             | 75            |

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Knowledge Institute of Technology  
Kekapalayam (Po), Salem

*Rekha . N*  
Evaluator Sign



# 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:      | 2014-2015                                             |       |         |
| Year/Sem:           | II / IV                                               |       |         |
| Name:               | parthasarathy . R.                                    |       |         |
| Reg No:             | 611213105312                                          | Date: | 13-1-15 |

### Part A

(10x2=20)

1. Define Cad?
2. What Is Cad System?
3. List the Elements Of Cad; (or) Various Phases Of Cad?
4. List the Geometric Modeling Techniques?
5. Compare 2d Vs 3d?
6. What Are The Various 2d Transformations?
7. What Are The Advantages Of Solid Modeling?
8. What Is Drawing Entities?
9. What Are The Editing Commands In Cad?
10. What Is Geometric Modeling?

### Part B

(15X2=30)

1. Draw the Electrical Symbols of Resistor, Capacitor, Inductor, Diode, TRIAC, DIAC, 1 phase Induction motor, Synchronous motor and Transformer in CAD Software.
2. Construct the circuit diagram of three phase Induction motor load test using CAD Software.

| S.No  | Particulars                   | Marks Allocated | Marks Awarded |
|-------|-------------------------------|-----------------|---------------|
| 1     | Test                          | 50              | 35            |
| 2     | Viva- Voce                    | 20              | 14            |
| 3     | Assignments and Participation | 30              | 26            |
| Total |                               | 100             | 75            |

  
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Kakapalavam (Po), Salem-637 504

  
Evaluator Sign



**KNOWLEDGE INSTITUTE OF TECHNOLOGY**  
**Department of Electrical and Electronics Engineering**  
**Certification Course Evaluation Mark Statement**

Academic Year: 2014-15

Year/Sem: II/IV

Date: 13.01.15

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

| S.No | Register No  | Name of the Student | Mark Secured (100) | STATUS    |
|------|--------------|---------------------|--------------------|-----------|
| 1    | 611213105001 | ABINAYA K           | 85                 | Certified |
| 2    | 611213105003 | ARCHANA R           | 78                 | Certified |
| 3    | 611213105004 | ARUNKUMAR S         | 85                 | Certified |
| 4    | 611213105007 | ELAKIYA S           | 78                 | Certified |
| 5    | 611213105008 | GANDHIMATHI R       | 91                 | Certified |
| 6    | 611213105010 | GOKULA PRIYA B      | 86                 | Certified |
| 7    | 611213105012 | GOPINATH J          | 60                 | Certified |
| 8    | 611213105013 | GOPINATH M          | 72                 | Certified |
| 9    | 611213105015 | JAYA SURIYA J       | 90                 | Certified |
| 10   | 611213105016 | JEEVANANTHAM K      | 84                 | Certified |
| 11   | 611213105017 | JULIEISONA G        | 65                 | Certified |
| 12   | 611213105018 | KALA T              | 97                 | Certified |
| 13   | 611213105019 | KARTHICK S          | 85                 | Certified |
| 14   | 611213105020 | KARTHIESWARUBA N    | 70                 | Certified |
| 15   | 611213105021 | KARTHIK D V         | 70                 | Certified |
| 16   | 611213105022 | KARTHIKA K G        | 96                 | Certified |
| 17   | 611213105024 | KAUSALYA K          | 97                 | Certified |
| 18   | 611213105025 | KAVIN M             | 88                 | Certified |
| 19   | 611213105026 | KAVIN PRASATH R     | 63                 | Certified |
| 20   | 611213105028 | KRISHNAKUMAR C      | 88                 | Certified |
| 21   | 611213105029 | KRISHNAPRASANTH B   | 72                 | Certified |
| 22   | 611213105031 | LINGESH R           | 69                 | Certified |
| 23   | 611213105032 | LOGARANJITHAN B     | 84                 | Certified |
| 24   | 611213105033 | LOKESH P            | 96                 | Certified |
| 25   | 611213105034 | MAHENDRAN I         | 96                 | Certified |
| 26   | 611213105035 | MAHESWARI M         | 85                 | Certified |
| 27   | 611213105036 | MANISHA M           | 75                 | Certified |
| 28   | 611213105037 | MANOJ PRASAATH C    | 75                 | Certified |
| 29   | 611213105038 | MATHIYARASU M       | 96                 | Certified |
| 30   | 611213105039 | MOHAN KUMAR K       | 72                 | Certified |
| 31   | 611213105041 | MURALIDHARAN S      | 85                 | Certified |
| 32   | 611213105043 | NADHIYA M           | 78                 | Certified |
| 33   | 611213105044 | NANDHAKUMAR S       | 72                 | Certified |
| 34   | 611213105045 | NANDHINI R          | 96                 | Certified |
| 35   | 611213105046 | NANTHAKUMAR M       | 97                 | Certified |
| 36   | 611213105049 | NIRMALA P           | 88                 | Certified |
| 37   | 611213105051 | NIYAMATULLAH N      | 63                 | Certified |
| 38   | 611213105053 | PERIANAYAKI M       | 88                 | Certified |
| 39   | 611213105054 | POORNIMA Y          | 72                 | Certified |
| 40   | 611213105055 | POURNESH M          | 69                 | Certified |
| 41   | 611213105056 | PRABAKARAN C        | 84                 | Certified |
| 42   | 611213105057 | PRABAKARAN N        | 96                 | Certified |
| 43   | 611213105058 | PRASANTH C          | 96                 | Certified |
| 44   | 611213105059 | PRASANTH T          | 85                 | Certified |
| 45   | 611213105060 | PRATHIBHA V         | 75                 | Certified |
| 46   | 611213105062 | PRIYA P             | 75                 | Certified |
| 47   | 611213105063 | RAMACHANDRAN G      | 96                 | Certified |
| 48   | 611213105064 | RAMYA K             | 72                 | Certified |
| 49   | 611213105066 | RAMYALAKSHMI K      | 85                 | Certified |
| 50   | 611213105067 | RANJITH U K         | 78                 | Certified |
| 51   | 611213105068 | REKHA N             | 75                 | Certified |
| 52   | 611213105069 | SANDHIYA S          | 96                 | Certified |
| 53   | 611213105070 | SANTHI V            | 72                 | Certified |
| 54   | 611213105071 | SANTHOSHIKUMAR N    | 85                 | Certified |
| 55   | 611213105072 | SARANYA P           | 78                 | Certified |
| 56   | 611213105073 | SARANYADEVI P       | 85                 | Certified |

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| S.No | Register No  | Name of the Student  | Mark Secured (100) | STATUS    |
|------|--------------|----------------------|--------------------|-----------|
| 57   | 611213105074 | SARAVANAPRASAATH S R | 80                 | Certified |
| 58   | 611213105075 | SASIKUMAR B          | 91                 | Certified |
| 59   | 611213105076 | SATHIYA SEELAN P     | 86                 | Certified |
| 60   | 611213105077 | SELVARAJ A           | 84                 | Certified |
| 61   | 611213105078 | SHRUTHI SHAHANA R    | 94                 | Certified |
| 62   | 611213105079 | SIVASANKAR K         | 90                 | Certified |
| 63   | 611213105081 | SRINIVASAN R         | 85                 | Certified |
| 64   | 611213105082 | SRINIVASAN S         | 61                 | Certified |
| 65   | 611213105084 | SRITHAR M            | 75                 | Certified |
| 66   | 611213105085 | SUBATHRA A           | 96                 | Certified |
| 67   | 611213105087 | TAMIZHAZHAGAN M      | 72                 | Certified |
| 68   | 611213105088 | TARANA APJ           | 85                 | Certified |
| 69   | 611213105090 | VARADHARAJ V T       | 78                 | Certified |
| 70   | 611213105092 | VIGNESH M            | 75                 | Certified |
| 71   | 611213105093 | VIGNESH S            | 96                 | Certified |
| 72   | 611213105094 | VIGNESHWARAN R       | 72                 | Certified |
| 73   | 611213105095 | VIJAYAKUMAR G        | 85                 | Certified |
| 74   | 611213105096 | VIJAYAKUMAR N        | 78                 | Certified |
| 75   | 611213105097 | VINITHA G            | 85                 | Certified |
| 76   | 611213105098 | VINOTHINI V          | 80                 | Certified |
| 77   | 611213105099 | VINOTHKUMAR M        | 91                 | Certified |
| 78   | 611213105101 | VISHNU PRIYAA R      | 86                 | Certified |
| 79   | 611213105301 | ANBU A               | 84                 | Certified |
| 80   | 611213105302 | ARAVINDRAJ G         | 94                 | Certified |
| 81   | 611213105303 | DEEPAK KUMAR R       | 90                 | Certified |
| 82   | 611213105305 | HARISHANKAR N        | 91                 | Certified |
| 83   | 611213105306 | KALAIMANI M          | 86                 | Certified |
| 84   | 611213105307 | KEERTHANA D          | 84                 | Certified |
| 85   | 611213105308 | MANIKANDAN K         | 96                 | Certified |
| 86   | 611213105309 | MOHAN RAJ V          | 85                 | Certified |
| 87   | 611213105311 | NIZAR D              | 70                 | Certified |
| 88   | 611213105312 | PARTHASARATHY R      | 75                 | Certified |
| 89   | 611213105313 | POOVARASAN K         | 96                 | Certified |
| 90   | 611213105314 | SADURUDEEN S         | 72                 | Certified |
| 91   | 611213105315 | SAPTHAGIRI A         | 85                 | Certified |
| 92   | 611213105316 | SIRANJEEVI S         | 78                 | Certified |
| 93   | 611213105317 | SURESH B             | 85                 | Certified |
| 94   | 611213105318 | TAMIL MANI S         | 80                 | Certified |
| 95   | 611213105319 | VENKAT RAMAN L K     | 91                 | Certified |

B. Sankar 13/11/15  
CC Coordinator

D. V. Raj 13/11/15  
HoD/EEE

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



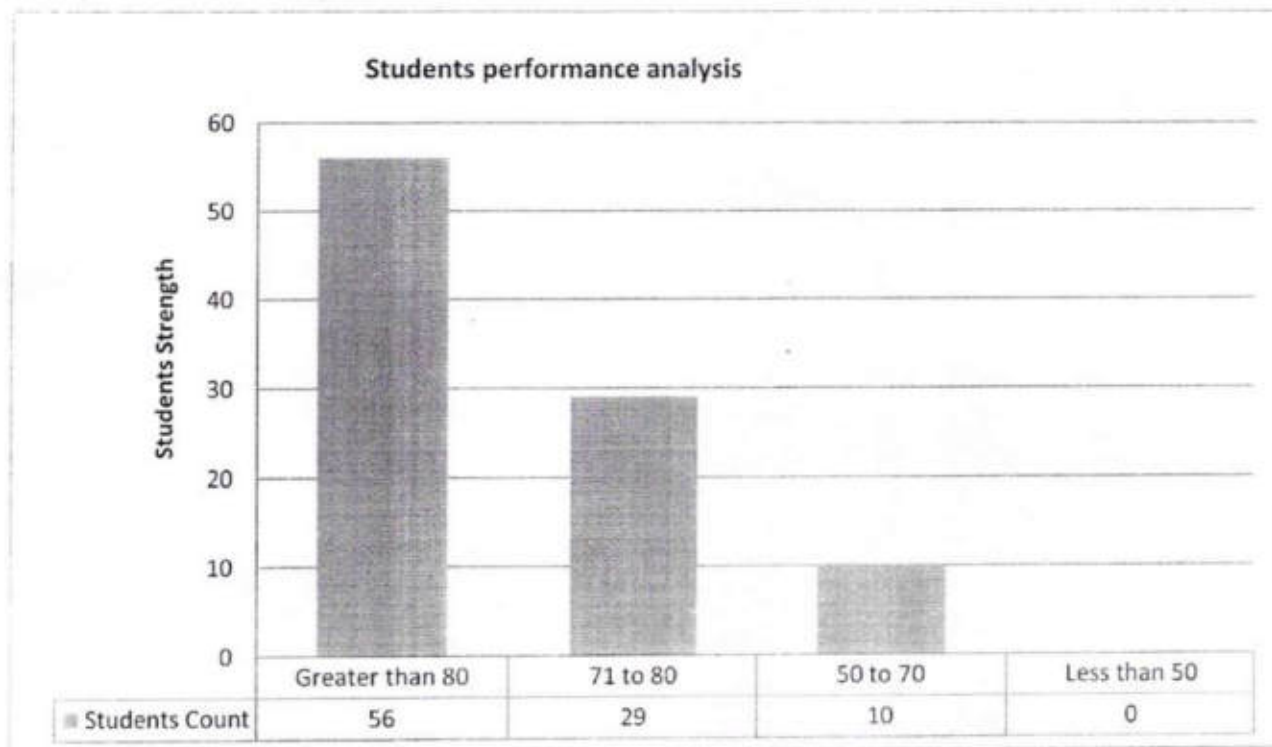
# KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

## Mark Evaluation Analysis Report

|                     |                                                       |       |                      |
|---------------------|-------------------------------------------------------|-------|----------------------|
| Name of the Course: | Electrical wiring circuit design using Electrical CAD |       |                      |
| Academic Year:      | 2014-2015                                             |       |                      |
| Year/Sem:           | II / IV                                               | Date: | 29.12.14 to 13.01.15 |

Total No of Students Enrolled: 95



*B. Sankar*  
13/1/15  
CC Coordinator

*A. V. Raju*  
HoD/EEE

*P. M.*  
Principal,  
Knowledge Institute of Technology  
Kakapalayam (Po), Salem-637 504



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## GLOBAL

## CADD TECHNOLOGY

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### CERTIFICATE OF COMPLETION

This is to certify that Mr. / Ms. VIGNESH M - II - FEE Reg.

No. 611213105092 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 29.12.2014 to 13.01.2015.

COORDINATOR

Mr.S.Sivaraj

GLOBAL CADD TECHNOLOGY

HOD

Dr.N.Suthanthira Vanitha

Professor & Head / EEE KIOT

VICE PRINCIPAL

Dr. K. Visagavel

KIOT

PRINCIPAL

Dr. PSS. Srinivasan

KIOT

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

CERTIFICATION COURSE





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This is to certify that ~~Mr.~~ / Ms. VINITHA . G - II - EEE Reg. No. 611213105097 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 29.12.2014 to 13.01.2015.

COORDINATOR  
Mr.S.Sivaraj

GLOBAL CADD TECHNOLOGY

HOD  
Dr.N.Suthanthira Vanitha  
Professor & Head / EEE KIOT

VICE PRINCIPAL  
Dr. K. Visagavel  
KIOT

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

PRINCIPAL  
Dr. PSS. Srinivasan  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### CERTIFICATE OF COMPLETION

This is to certify that Mr. / Ms. KARTHICK . S - II - EEE Reg. No. 611213105019 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 29.12.2014 to 13.01.2015.

COORDINATOR  
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Dr.N.Suthanthira Vanitha  
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VICE PRINCIPAL  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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This is to certify that Mr. / Ms. LOKESH.P - II - EEE Reg. No. 611213105033 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 29.12.2014 to 13.01.2015.

COORDINATOR

Mr.S.Sivaraj

GLOBAL CADD TECHNOLOGY

HOD

Dr.N.Suthanthira Vanitha

Professor & Head / EEE KIOT

VICE PRINCIPAL

Dr. K. Visagavel

KIOT

Principal,

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

PRINCIPAL

Dr. PSS. Srinivasan

KIOT

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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### CERTIFICATE OF COMPLETION

This is to certify that ~~Mr.~~ / Ms. ABINAYA . K - II - EEE Reg. No. 611213105001 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 29.12.2014 to 13.01.2015.

COORDINATOR

Mr.S.Sivaraj

GLOBAL CADD TECHNOLOGY

HOD

Dr.N.Suthanthira Vanitha

Professor & Head / EEE KIOT

VICE PRINCIPAL

Dr. K. Visagavel

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

PRINCIPAL

Dr. PSS. Srinivasan

KIOT

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

**FEEDBACK FORM**

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

Name of the Student: *Karthick.S*

Course Title: *Electrical Wiring Circuits using Electrical CAD*

Year/ Sem: *II IV*

Dept : *EEE*

Date: *13.1.15*

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

*First 9 day we are in practical with theory so it easy to understand.*

Suggestions for improvement:

*PM*

Principal,

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

*Kanuf*  
(Signature of the student)

**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: VIDANESH M

Course Title: Electrical wiring circuit design using electric CAD.

Year/Sem: II / IV

Dept : EEE

Date: 13.1.15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 2D and 3D electrical circuit design techniques.  
 It is used to product development.

Suggestions for improvement:

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

  
 (Signature of the student)



**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: *Karthika. G*

Course Title: *Electrical Wiring Circuits Using Electrical CAD*

Year/ Sem: *II / IV*

Dept : *EEE*

Date: *13.1.15*

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 learned about basic to electronic components usage in the electric circuit. I hope it will be used for my project.*

Suggestions for improvement:

*Kmy.*  
(Signature of the student)

*Pm*  
Principal,  
Knowledge Institute of Technology  
Kakanalavam (Po), Salem-637 50.

**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: *Lokesh P*

Course Title: *Electrical circuit design using electrical CAD*

Year/Sem: *II / V*

Dept : *EEE*

Date: *13.1.15*

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

*+ This course is useful for our circuit designs etc.*  
*\* We get more knowledge about both E-CAD + AutoCAD*  
*\* We get good delivery of content*

Suggestions for improvement:

*The learning period is too short hence improving the periods leads to more learning.*

*Lokesh P*

(Signature of the student)

*Pm*

Principal,  
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 Kalayam (Po), Salem-637 504

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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: POURNISH-M  
WIRING

Course Title: ELECTRICAL CIRCUIT DESIGN USING ELECTRICAL CAD

Year/Sem: II/IV

Dept : EEE

Date: 13/01/15



| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

*This course is very useful for circuit design.  
 we design and learned about ECAD*

Suggestions for improvement:

*Extended the days on the course.*

  
 (Signature of the student)  
  
 Principal,  
 Knowledge Institute of Technology  
 Po]. Salem-637 504





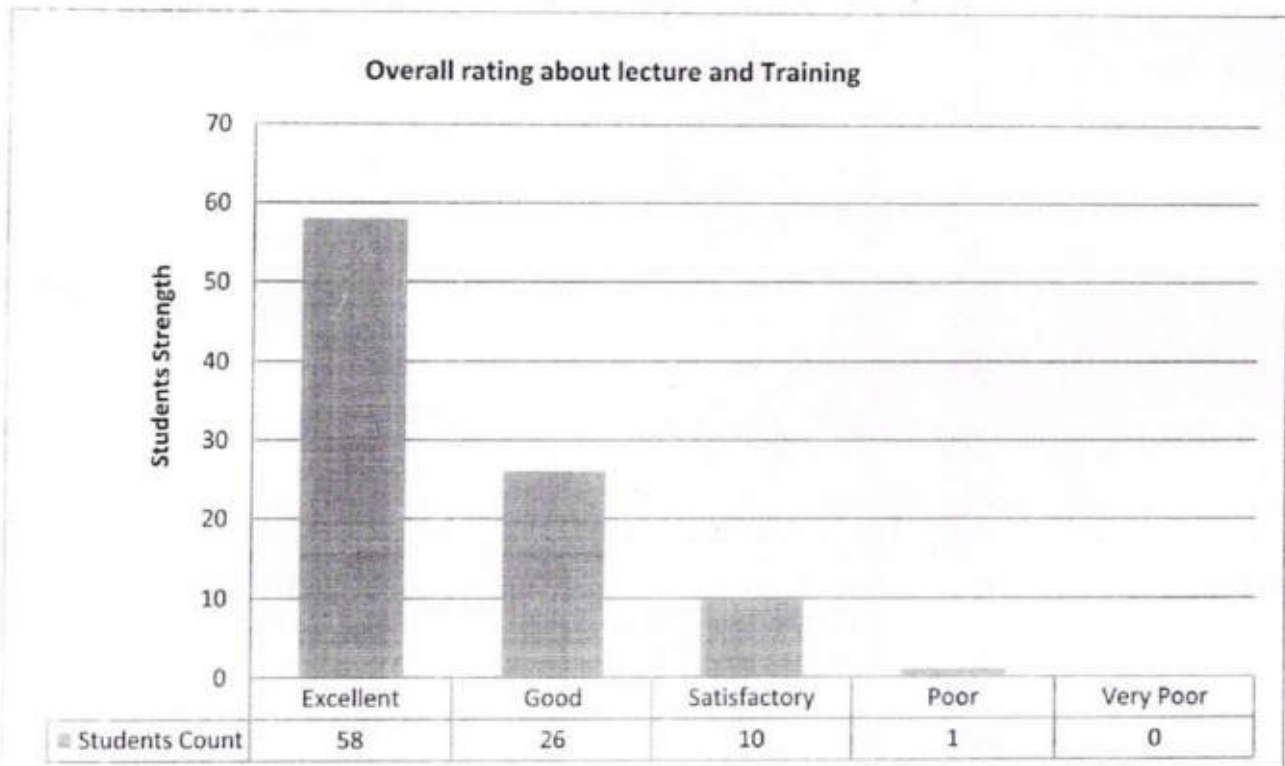
# KNOWLEDGE INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

## Feedback Analysis Report

|                     |                                                       |       |                     |
|---------------------|-------------------------------------------------------|-------|---------------------|
| Name of the Course: | Electrical wiring circuit design using Electrical CAD |       |                     |
| Academic Year:      | 2014-2015                                             |       |                     |
| Year/Sem:           | II / IV                                               | Date: | 29.12.14 to 13.1.15 |

Total No of Students Enrolled: 95



*B. Sander*  
13/1/15  
CC Coordinator

*PM*  
Principal,  
Knowledge Institute of Technology,  
Kakopalavam (Po), Salem-637 504

*D. V. Raj*  
HoD/EEE



**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504**

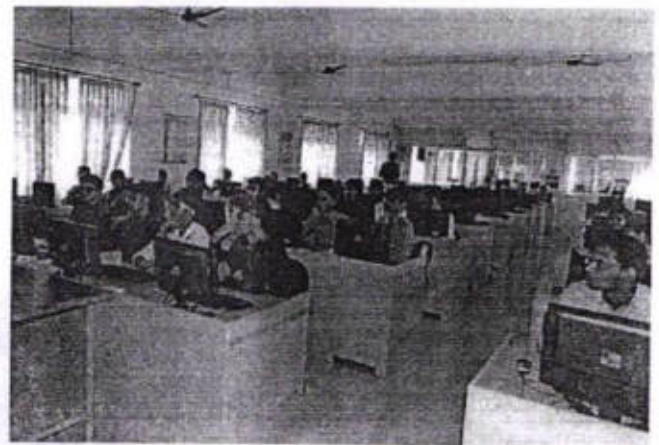
Department of Computer Science and Engineering

**REPORT OF THE EVENT**

|              |                            |                            |                                                                               |
|--------------|----------------------------|----------------------------|-------------------------------------------------------------------------------|
| <b>Date</b>  | 16.06.2014 -<br>19.06.2014 | <b>Resource person</b>     | Career Refresh, Coimbatore.                                                   |
| <b>Time</b>  | 9.00am – 5.00pm            | <b>Title</b>               | Problem Solving and Computer Programming<br>through Career Refresh (Module I) |
| <b>Venue</b> | CC7, 8                     | <b>No. of Participants</b> | <b>161</b>                                                                    |

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**

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



#### Fundamentals in Computer Programming

- ✓ A Simple 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 a function
- ✓ 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



05.06.2014  
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 16.06.2014 -19.06.2014 for a period of 04 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<br>16.06.2014 -19.06.2014<br>9.00am - 5.00pm | Career Refresh,<br>Coimbatore. |

Thank you,

Yours truly,  
P. Malarvizhi

  
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.        | 2014/CC/ODD/01                                                                                   | Date | 09.06.2014 |
| 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<br>DATE & TIME                                  | COMPANY NAME                   |
|---------|----------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------|
| 1       | Problem Solving and Computer Programming through Career Refresh (Module I) | CC7, CC8<br>16.06.2014 -19.06.2014<br>9.00am - 5.00pm | Career Refresh,<br>Coimbatore. |

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

*P. Malarvizhi*  
FACULTY INCHARGE

*[Signature]*  
HOD/CSE

*[Signature]*  
PRINCIPAL

| MECH | CIVIL | EEE | ECE | CSE | S&H | PD | LIB | AO | Transport<br>I/C | Hostel<br>NB | Residential<br>Warden | College NB | Office/<br>File | Class<br>Circulation |
|------|-------|-----|-----|-----|-----|----|-----|----|------------------|--------------|-----------------------|------------|-----------------|----------------------|
| *    | *     | *   | *   | *   | *   |    | *   |    |                  | *            |                       | *          | *               | *                    |
|      |       |     |     |     |     |    |     |    |                  |              |                       |            |                 |                      |

*[Signature]*  
Principal,  
Knowledge Institute of Technology,  
Kakapalavam (Po), Salem-637 504

KNOWLEDGE INSITTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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

16.06.2014 -19.06.2014

Enrolled Student NameList

| Sl.No | Year | Register Number | Student Name       |
|-------|------|-----------------|--------------------|
| 1     | II A | 611213104001    | ABHINAYA HARINI NM |
| 2     | II A | 611213104004    | ANANTHI S          |
| 3     | II A | 611213104010    | BUVANESHWARI B     |
| 4     | II A | 611213104014    | GOKILA M           |
| 5     | II A | 611213104015    | GOKILA R           |
| 6     | II A | 611213104017    | GOMATHI G          |
| 7     | II A | 611213104020    | GOWTHAMAN K        |
| 8     | II A | 611213104022    | HARIJOTHI J        |
| 9     | II A | 611213104023    | HARIPRIYA M K      |
| 10    | II A | 611213104026    | INDHU M            |
| 11    | II A | 611213104028    | JAWAHAR K          |
| 12    | II A | 611213104030    | KALAIYARASI G      |
| 13    | II A | 611213104031    | KARTHIKA M         |
| 14    | II A | 611213104032    | KARTHIKEYAN V      |
| 15    | II A | 611213104033    | KAUSALYA S P       |
| 16    | II A | 611213104035    | KOKILA D           |
| 17    | II A | 611213104036    | KUPPULAKSHMI A R   |
| 18    | II A | 611213104037    | LOGANAPRIYA S      |
| 19    | II A | 611213104038    | MANI BHARATHI S    |
| 20    | II A | 611213104042    | MEYYAZHAGAN E      |
| 21    | II A | 611213104043    | MOHANAPRIYA V      |
| 22    | II A | 611213104045    | MOWNAPRIYA D       |
| 23    | II A | 611213104046    | NAGAPRIYA N        |
| 24    | II A | 611213104302    | ARULKUMAR K        |
| 25    | II A | 611213104303    | BALAJI H.S.        |
| 26    | II A | 611213104307    | NAVEEN GUPTHA H    |
| 27    | II B | 611213104047    | NANDHINI T         |



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Kakapalayam (Po), Salem-637



|    |      |              |                    |
|----|------|--------------|--------------------|
| 28 | II B | 611213104049 | NIRANCHANA S       |
| 29 | II B | 611213104053 | POOVARASAN G       |
| 30 | II B | 611213104055 | PRAKALYA M         |
| 31 | II B | 611213104059 | RAMYA S            |
| 32 | II B | 611213104060 | RENUKADEVI S       |
| 33 | II B | 611213104063 | SAI DHARSAN P      |
| 34 | II B | 611213104066 | SANGEETHA D        |
| 35 | II B | 611213104068 | SANTHIYA V         |
| 36 | II B | 611213104069 | SARAVANAN R        |
| 37 | II B | 611213104070 | SENTHILKUMAR S     |
| 38 | II B | 611213104071 | SHANMATHI A        |
| 39 | II B | 611213104073 | SHRI INDUMATHI A K |
| 40 | II B | 611213104076 | SNEHA R            |
| 41 | II B | 611213104077 | SOWMYA S           |
| 42 | II B | 611213104080 | SURESH KUMAR R     |
| 43 | II B | 611213104081 | SWATHI SRI M       |
| 44 | II B | 611213104085 | VANITHA RANI N     |
| 45 | II B | 611213104086 | VASANTH N          |
| 46 | II B | 611213104088 | VETHA VARSHA S     |
| 47 | II B | 611213104089 | VICKY A L          |
| 48 | II B | 611213104091 | VIGNESWARAN R J    |
| 49 | II B | 611213104092 | VIJAYAKUMAR M      |
| 50 | II B | 611213104308 | PADMAVATHY P       |
| 51 | II B | 611213104311 | PRITHIVIRAJ G      |
| 52 | II B | 611213104701 | POORNIMA U         |

P. MICHAEL  
Faculty Incharge

Pm

46064  
HOD

**KNOWLEDGE INSITTE OF TECHNOLOGY,SALEM-637504**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

16.06.2014-19.06.2014 | Students Enrollment List

| Sl.No | Year | Register Number | Student Name           |
|-------|------|-----------------|------------------------|
| 1     | III  | 611212105001    | AARTHI A               |
| 2     | III  | 611212105002    | ANBARASAN T            |
| 3     | III  | 611212105003    | DEEPASREE K            |
| 4     | III  | 611212105004    | DEVI KARUNYA G         |
| 5     | III  | 611212105005    | DINESHKUMAR R          |
| 6     | III  | 611212105006    | DIVYA M                |
| 7     | III  | 611212105007    | GOKUL T                |
| 8     | III  | 611212105008    | HARIHARAN R            |
| 9     | III  | 611212105009    | JAYASURUTHI ASAITHAMBI |
| 10    | III  | 611212105010    | KALAIYARASI S          |
| 11    | III  | 611212105011    | KARTHICK S             |
| 12    | III  | 611212105012    | KARTHIK RAJA K         |
| 13    | III  | 611212105013    | KOVENTHAN SK           |
| 14    | III  | 611212105014    | MANIKANDAN A           |
| 15    | III  | 611212105015    | MANIKANDAN D           |
| 16    | III  | 611212105016    | MANIVANNAN T           |
| 17    | III  | 611212105017    | MITHUNA S              |
| 18    | III  | 611212105018    | MOHANAPRIYA K          |
| 19    | III  | 611212105019    | NARAYANA RAJA J        |
| 20    | III  | 611212105021    | PADMASHRI B            |
| 21    | III  | 611212105022    | PRABHAKARAN K          |
| 22    | III  | 611212105023    | PRAKASH V              |
| 23    | III  | 611212105024    | PREAMKUMAR P           |
| 24    | III  | 611212105025    | PRIYADHARSHINI R       |
| 25    | III  | 611212105026    | RAGHAVENDRA KUMAR N    |
| 26    | III  | 611212105027    | RAJESHKANNAN C         |
| 27    | III  | 611212105028    | RAMYA S                |
| 28    | III  | 611212105029    | RAMYA S                |
| 29    | III  | 611212105030    | SAKTHIVEL G            |
| 30    | III  | 611212105031    | SARAVANAN R            |
| 31    | III  | 611212105032    | SASIKALA C             |
| 32    | III  | 611212105033    | SATHISHKUMAR M         |
| 33    | III  | 611212105034    | SATHISHKUMAR P         |
| 34    | III  | 611212105035    | SAVEENA DEVI V         |
| 35    | III  | 611212105036    | SHRI RAM M J R         |
| 36    | III  | 611212105037    | SOWMIYA M              |
| 37    | III  | 611212105038    | SURESH D               |
| 38    | III  | 611212105039    | TAMILARASAN K          |
| 39    | III  | 611212105040    | UDHAYAKUMAR M          |
| 40    | III  | 611212105041    | VAIJAYANTHI V          |
| 41    | III  | 611212105042    | VAISHNAVI M            |
| 42    | III  | 611212105043    | VASANTHKUMAR U         |
| 43    | III  | 611212105045    | VIGNESH K              |
| 44    | III  | 611212105046    | VIGNESH N              |
| 45    | III  | 611212105047    | VIGNESHWARAN B         |
| 46    | III  | 611212105048    | VJAYAKUMAR S           |
| 47    | III  | 611212105049    | VISAALINI K            |

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Kakapalavam (PO) Salem - 637 504



| Sl.No | Year | Register Number | Student Name        |
|-------|------|-----------------|---------------------|
| 48    | III  | 611212105050    | VISHAL J S          |
| 49    | III  | 611212105051    | YUVARANI G          |
| 50    | III  | 611212105301    | AKSHAYA R           |
| 51    | III  | 611212105302    | ARUNPRAKASH E.R.S   |
| 52    | III  | 611212105303    | BOOPALAN.S          |
| 53    | III  | 611212105304    | DEVISRI S           |
| 54    | III  | 611212105305    | GOKULRAJ M          |
| 55    | III  | 611212105306    | GOWTHAMAN P         |
| 56    | III  | 611212105307    | JAWAHAR.S           |
| 57    | III  | 611212105308    | NAVEENRAJA.P        |
| 58    | III  | 611212105309    | POOVIZHI AZHAGAN K  |
| 59    | III  | 611212105310    | PRAKASH V           |
| 60    | III  | 611212105311    | RAGHAVENDRA S.S     |
| 61    | III  | 611212105313    | SAMBU P             |
| 62    | III  | 611212105314    | SANKARA NARAYANAN.U |
| 63    | III  | 611212105315    | SASIKUMAR. A        |
| 64    | III  | 611212105316    | YASOTHA PRIYA R     |

*B. Suresh Kumar*  
Dept. CC Coordinator

*D. V. The*  
HOD/EEE

*PN*  
PRINCIPAL,  
Knowledge Institute of Technology  
Vakapalavam (P)



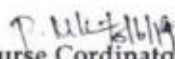
# KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING


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

### SYLLABUS & SCHEDULE

| Day   | Session | Contents                                                                                                                                                |
|-------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| DAY 1 | FN      | Fundamentals in Computer Programming, Identifiers, Keywords Variables, Data Types, Declaration of Variable                                              |
|       | AN      | Operators and Expressions, Data types, Control statements Conditional Control Statements                                                                |
| DAY 2 | FN      | Function, Function Prototype, Defining a function, Calling a function                                                                                   |
|       | AN      | Recursion, Nested functions, main() function, Library Function, Local and global variables                                                              |
| DAY 3 | FN      | Pointer, Def of Pointer, Declaration of Pointer Variables, Assigning Address to Pointer Variables, De-referencing Pointer Variables                     |
|       | AN      | Pointer to Pointer, Pointer Arithmetic, Pointer comparisons, De-reference and increment pointer, pointer to const data, const pointer                   |
| DAY 4 | FN      | Pointer and Function, Parameter Passing Techniques call by value, call by address, Using Pointers as Arguments Function Returning value                 |
|       | AN      | Calling A function through function pointer, passing A function's address as an Argument to other function, Functions with variable number of arguments |

  
Course Coordinator

  
HOD

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

KNOWLEDGE INSITTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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

16.06.2014 - 19.06.2014 | Course Attendance

| Sl.No | Year | Register Number | Student Name       | 16.6.14 | 17.6.14 | 18.6.14 | 19.6.14 |
|-------|------|-----------------|--------------------|---------|---------|---------|---------|
| 1     | II A | 611213104001    | ABHINAYA HARINI NM | /       | /       | /       | /       |
| 2     | II A | 611213104004    | ANANTHI S          | /       | /       | /       | /       |
| 3     | II A | 611213104010    | BUVANESHWARI B     | /       | /       | /       | /       |
| 4     | II A | 611213104014    | GOKILA M           | /       | /       | /       | /       |
| 5     | II A | 611213104015    | GOKILA R           | /       | /       | /       | /       |
| 6     | II A | 611213104017    | GOMATHI G          | /       | /       | /       | /       |
| 7     | II A | 611213104020    | GOWTHAMAN K        | /       | /       | /       | /       |
| 8     | II A | 611213104022    | HARIJOTHI J        | /       | /       | /       | /       |
| 9     | II A | 611213104023    | HARIPRIYA M K      | /       | /       | /       | /       |
| 10    | II A | 611213104026    | INDHU M            | /       | /       | /       | /       |
| 11    | II A | 611213104028    | JAWAHAR K          | /       | /       | /       | /       |
| 12    | II A | 611213104030    | KALAIYARASI G      | /       | /       | /       | /       |
| 13    | II A | 611213104031    | KARTHIKA M         | /       | /       | /       | /       |
| 14    | II A | 611213104032    | KARTHIKEYAN V      | /       | /       | /       | /       |
| 15    | II A | 611213104033    | KAUSALYA S P       | /       | /       | /       | /       |
| 16    | II A | 611213104035    | KOKILA D           | /       | /       | /       | /       |
| 17    | II A | 611213104036    | KUPPULAKSHMI A R   | /       | /       | /       | /       |
| 18    | II A | 611213104037    | LOGANAPRIYA S      | /       | /       | /       | /       |
| 19    | II A | 611213104038    | MANI BHARATHI S    | /       | /       | /       | /       |
| 20    | II A | 611213104042    | MEYYAZHAGAN E      | /       | /       | /       | /       |
| 21    | II A | 611213104043    | MOHANAPRIYA V      | /       | /       | /       | /       |
| 22    | II A | 611213104045    | MOWNAPRIYA D       | /       | /       | /       | /       |
| 23    | II A | 611213104046    | NAGAPRIYA N        | /       | /       | /       | /       |
| 24    | II A | 611213104302    | ARULKUMAR K        | /       | /       | /       | /       |
| 25    | II A | 611213104303    | BALAJI H.S.        | /       | /       | /       | /       |
| 26    | II A | 611213104307    | NAVEEN GUPTHA H    | /       | /       | /       | /       |
| 27    | II B | 611213104047    | NANDHINI T         | /       | /       | /       | /       |
| 28    | II B | 611213104049    | NIRANCHANA S       | /       | /       | /       | /       |
| 29    | II B | 611213104053    | POOVARASAN G       | /       | /       | /       | /       |

*Pm*

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|                        |      |              |                    |    |    |    |    |
|------------------------|------|--------------|--------------------|----|----|----|----|
| 30                     | II B | 611213104055 | PRAKALYA M         | /  | /  | /  | /  |
| 31                     | II B | 611213104059 | RAMYA S            | /  | /  | /  | /  |
| 32                     | II B | 611213104060 | RENUKADEVI S       | /  | /  | /  | /  |
| 33                     | II B | 611213104063 | SAI DHARSAN P      | /  | /  | /  | /  |
| 34                     | II B | 611213104066 | SANGEETHA D        | /  | /  | /  | /  |
| 35                     | II B | 611213104068 | SANTHIYA V         | /  | /  | /  | /  |
| 36                     | II B | 611213104069 | SARAVANAN R        | /  | /  | /  | /  |
| 37                     | II B | 611213104070 | SENTHILKUMAR S     | 0  | /  | A  | /  |
| 38                     | II B | 611213104071 | SHANMATHI A        | /  | /  | /  | /  |
| 39                     | II B | 611213104073 | SHRI INDUMATHI A K | /  | /  | /  | /  |
| 40                     | II B | 611213104076 | SNEHA R            | /  | /  | /  | /  |
| 41                     | II B | 611213104077 | SOWMYA S           | /  | /  | /  | /  |
| 42                     | II B | 611213104080 | SURESH KUMAR R     | /  | /  | /  | /  |
| 43                     | II B | 611213104081 | SWATHI SRI M       | /  | /  | /  | /  |
| 44                     | II B | 611213104085 | VANITHA RANI N     | /  | /  | /  | /  |
| 45                     | II B | 611213104086 | VASANTH N          | /  | /  | /  | /  |
| 46                     | II B | 611213104088 | VETHA VARSHA S     | /  | /  | /  | /  |
| 47                     | II B | 611213104089 | VICKY A L          | /  | /  | /  | /  |
| 48                     | II B | 611213104091 | VIGNESWARAN R J    | /  | /  | /  | /  |
| 49                     | II B | 611213104092 | VIJAYAKUMAR M      | /  | /  | /  | /  |
| 50                     | II B | 611213104308 | PADMAVATHY P       | /  | /  | /  | /  |
| 51                     | II B | 611213104311 | PRITHIVIRAJ G      | /  | /  | /  | /  |
| 52                     | II B | 611213104701 | POORNIMA U         | /  | /  | /  | /  |
| NO OF STUDENTS PRESENT |      |              |                    | 51 | 51 | 51 | 52 |
| NO OF STUDENTS ABSENT  |      |              |                    | 1  | 1  | 1  | -  |

P. K. K. K. 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)

16.06.2014-19.06.2014 | Course Attendance

| Sl.No | Year | Register Number | Student Name           | 16.06.14 | 17.06.14 | 18.06.14 | 19.06.14 |
|-------|------|-----------------|------------------------|----------|----------|----------|----------|
| 1     | III  | 611212105001    | AARTHI A               | /        | /        | /        | /        |
| 2     | III  | 611212105002    | ANBARASAN T            | /        | a        | /        | /        |
| 3     | III  | 611212105003    | DEEPASREE K            | /        | /        | /        | /        |
| 4     | III  | 611212105004    | DEVI KARUNYA G         | /        | /        | /        | /        |
| 5     | III  | 611212105005    | DINESHKUMAR R          | /        | /        | /        | /        |
| 6     | III  | 611212105006    | DIVYA M                | a        | /        | /        | /        |
| 7     | III  | 611212105007    | GOKUL T                | /        | /        | /        | /        |
| 8     | III  | 611212105008    | HARIHARAN R            | /        | /        | /        | /        |
| 9     | III  | 611212105009    | JAYASURUTHI ASAITHAMBI | /        | /        | /        | /        |
| 10    | III  | 611212105010    | KALAIYARASI S          | /        | /        | a        | /        |
| 11    | III  | 611212105011    | KARTHICK S             | /        | /        | /        | /        |
| 12    | III  | 611212105012    | KARTHIK RAJA K         | /        | /        | /        | /        |
| 13    | III  | 611212105013    | KOVENTHAN SK           | /        | /        | /        | /        |
| 14    | III  | 611212105014    | MANIKANDAN A           | /        | /        | a        | /        |
| 15    | III  | 611212105015    | MANIKANDAN D           | /        | /        | /        | a        |
| 16    | III  | 611212105016    | MANIVANNAN T           | /        | /        | /        | /        |
| 17    | III  | 611212105017    | MITHUNA S              | /        | /        | /        | /        |
| 18    | III  | 611212105018    | MOHANAPRIYA K          | /        | /        | /        | /        |
| 19    | III  | 611212105019    | NARAYANA RAJA J        | a        | /        | /        | a        |
| 20    | III  | 611212105021    | PADMASHRI B            | /        | /        | /        | /        |
| 21    | III  | 611212105022    | PRABHAKARAN K          | /        | /        | /        | /        |
| 22    | III  | 611212105023    | PRAKASH V              | /        | a        | /        | /        |
| 23    | III  | 611212105024    | PREAMKUMAR P           | /        | /        | /        | /        |
| 24    | III  | 611212105025    | PRIYADHARSHINI R       | /        | /        | /        | /        |
| 25    | III  | 611212105026    | RAGHAVENDRA KUMAR N    | /        | /        | /        | /        |
| 26    | III  | 611212105027    | RAJESHKANNAN C         | a        | /        | a        | /        |
| 27    | III  | 611212105028    | RAMYA S                | /        | /        | /        | /        |
| 28    | III  | 611212105029    | RAMYA S                | /        | /        | /        | a        |
| 29    | III  | 611212105030    | SAKTHIVEL G            | /        | a        | /        | /        |
| 30    | III  | 611212105031    | SARAVANAN R            | /        | /        | /        | /        |
| 31    | III  | 611212105032    | SASIKALA C             | /        | /        | /        | /        |
| 32    | III  | 611212105033    | SATHISHKUMAR M         | /        | /        | /        | /        |
| 33    | III  | 611212105034    | SATHISHKUMAR P         | a        | /        | /        | /        |
| 34    | III  | 611212105035    | SAVEENA DEVI V         | /        | /        | /        | /        |
| 35    | III  | 611212105036    | SHRI RAM M J R         | /        | /        | /        | /        |
| 36    | III  | 611212105037    | SOWMIYA M              | /        | /        | a        | /        |
| 37    | III  | 611212105038    | SURESH D               | /        | /        | /        | /        |
| 38    | III  | 611212105039    | TAMILARASAN K          | /        | a        | /        | /        |
| 39    | III  | 611212105040    | UDHAYAKUMAR M          | /        | /        | /        | /        |
| 40    | III  | 611212105041    | VAJAYANTHI V           | /        | /        | /        | a        |

*Rm*



| Sl.No                   | Year | Register Number | Student Name        | 16.06.14 | 17.06.14 | 18.06.14 | 19.06.14 |
|-------------------------|------|-----------------|---------------------|----------|----------|----------|----------|
| 41                      | III  | 611212105042    | VAISHNAVI M         | /        | /        | /        | /        |
| 42                      | III  | 611212105043    | VASANTHKUMAR U      | a        | /        | /        | /        |
| 43                      | III  | 611212105045    | VIGNESH K           | /        | /        | /        | a        |
| 44                      | III  | 611212105046    | VIGNESH N           | /        | /        | /        | /        |
| 45                      | III  | 611212105047    | VIGNESHWARAN B      | /        | a        | /        | /        |
| 46                      | III  | 611212105048    | VIJAYAKUMAR S       | /        | /        | /        | /        |
| 47                      | III  | 611212105049    | VISAALINI K         | /        | /        | /        | /        |
| 48                      | III  | 611212105050    | VISHAL J S          | /        | /        | a        | /        |
| 49                      | III  | 611212105051    | YUVARANI G          | /        | /        | /        | /        |
| 50                      | III  | 611212105301    | AKSHAYA R           | /        | /        | /        | /        |
| 51                      | III  | 611212105302    | ARUNPRAKASH E.R.S   | /        | /        | /        | /        |
| 52                      | III  | 611212105303    | BOOPALAN.S          | /        | /        | /        | /        |
| 53                      | III  | 611212105304    | DEVISRI S           | /        | /        | /        | /        |
| 54                      | III  | 611212105305    | GOKULRAJ M          | a        | /        | /        | /        |
| 55                      | III  | 611212105306    | GOWTHAMAN P         | /        | /        | /        | /        |
| 56                      | III  | 611212105307    | JAWAHAR.S           | /        | /        | /        | /        |
| 57                      | III  | 611212105308    | NAVEENRAJA.P        | /        | a        | /        | /        |
| 58                      | III  | 611212105309    | POOVIZHI AZHAGAN K  | /        | /        | /        | /        |
| 59                      | III  | 611212105310    | PRAKASH V           | /        | /        | /        | a        |
| 60                      | III  | 611212105311    | RAGHAVENDRA S.S     | /        | /        | /        | /        |
| 61                      | III  | 611212105313    | SAMBU P             | /        | /        | /        | /        |
| 62                      | III  | 611212105314    | SANKARA NARAYANAN.U | /        | /        | a        | /        |
| 63                      | III  | 611212105315    | SASIKUMAR. A        | /        | /        | /        | /        |
| 64                      | III  | 611212105316    | YASOTHA PRIYA R     | /        | /        | /        | /        |
| No. of Students Present |      |                 |                     | 58       | 58       | 58       | 58       |
| No of Students Absent   |      |                 |                     | 6        | 6        | 6        | 6        |


*B. Sankar*  
Dept. CC Coordinator

*V. J. J. 16/6/14*  
HOD/EEG

*PM*  
PRINCIPAL,  
Knowledge Institute of Technology  
Vakapalavam (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)  
 16.06.2014 - 19.06.2014 | Assessment Report

| Sl.No | Year | Register Number | Student Name       | Final Assessment % |
|-------|------|-----------------|--------------------|--------------------|
| 1     | II A | 611213104001    | ABHINAYA HARINI NM | 68                 |
| 2     | II A | 611213104004    | ANANTHI S          | 78                 |
| 3     | II A | 611213104010    | BUVANESHWARI B     | 80                 |
| 4     | II A | 611213104014    | GOKILA M           | 68                 |
| 5     | II A | 611213104015    | GOKILA R           | 76                 |
| 6     | II A | 611213104017    | GOMATHI G          | 63                 |
| 7     | II A | 611213104020    | GOWTHAMAN K        | 72                 |
| 8     | II A | 611213104022    | HARIJOTHI J        | 67                 |
| 9     | II A | 611213104023    | HARIPRIYA M K      | 73                 |
| 10    | II A | 611213104026    | INDHU M            | 71                 |
| 11    | II A | 611213104028    | JAWAHAR K          | 73                 |
| 12    | II A | 611213104030    | KALAIYARASI G      | 68                 |
| 13    | II A | 611213104031    | KARTHIKA M         | 64                 |
| 14    | II A | 611213104032    | KARTHIKEYAN V      | 71                 |
| 15    | II A | 611213104033    | KAUSALYA S P       | 67                 |
| 16    | II A | 611213104035    | KOKILA D           | 73                 |
| 17    | II A | 611213104036    | KUPPULAKSHMI A R   | 75                 |
| 18    | II A | 611213104037    | LOGANAPRIYA S      | 69                 |
| 19    | II A | 611213104038    | MANI BHARATHI S    | 71                 |
| 20    | II A | 611213104042    | MEYYAZHAGAN E      | 76                 |
| 21    | II A | 611213104043    | MOHANAPRIYA V      | 76                 |
| 22    | II A | 611213104045    | MOWNAPRIYA D       | 78                 |
| 23    | II A | 611213104046    | NAGAPRIYA N        | 74                 |
| 24    | II A | 611213104302    | ARULKUMAR K        | 71                 |
| 25    | II A | 611213104303    | BALAJI H.S.        | 68                 |
| 26    | II A | 611213104307    | NAVEEN GUPTHA H    | 82                 |
| 27    | II B | 611213104047    | NANDHINI T         | 76                 |
| 28    | II B | 611213104049    | NIRANCHANA S       | 68                 |
| 29    | II B | 611213104053    | POOVARASAN G       | 63                 |

  
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|    |      |              |                    |    |
|----|------|--------------|--------------------|----|
| 30 | II B | 611213104055 | PRAKALYA M         | 80 |
| 31 | II B | 611213104059 | RAMYA S            | 77 |
| 32 | II B | 611213104060 | RENUKADEVI S       | 78 |
| 33 | II B | 611213104063 | SAI DHARSAN P      | 66 |
| 34 | II B | 611213104066 | SANGEETHA D        | 81 |
| 35 | II B | 611213104068 | SANTHIYA V         | 63 |
| 36 | II B | 611213104069 | SARAVANAN R        | 76 |
| 37 | II B | 611213104070 | SENTHILKUMAR S     | 69 |
| 38 | II B | 611213104071 | SHANMATHI A        | 67 |
| 39 | II B | 611213104073 | SHRI INDUMATHI A K | 76 |
| 40 | II B | 611213104076 | SNEHA R            | 83 |
| 41 | II B | 611213104077 | SOWMYA S           | 75 |
| 42 | II B | 611213104080 | SURESH KUMAR R     | 78 |
| 43 | II B | 611213104081 | SWATHI SRI M       | 83 |
| 44 | II B | 611213104085 | VANITHA RANI N     | 82 |
| 45 | II B | 611213104086 | VASANTH N          | 77 |
| 46 | II B | 611213104088 | VETHA VARSHA S     | 67 |
| 47 | II B | 611213104089 | VICKY A L          | 82 |
| 48 | II B | 611213104091 | VIGNESWARAN R J    | 69 |
| 49 | II B | 611213104092 | VIJAYAKUMAR M      | 82 |
| 50 | II B | 611213104308 | PADMAVATHY P       | 76 |
| 51 | II B | 611213104311 | PRITHIVIRAJ G      | 84 |
| 52 | II B | 611213104701 | POORNIMA U         | 64 |

\*\*Max Marks - 100 | Min Marks - 60

*P. K. K. K. K.*  
Faculty Incharge

*K. K. K. K.*  
HOD

*P. M.*

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



## Certificate of

This is to certify that

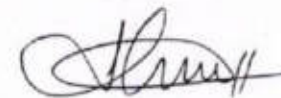
**HARIPRIYA M K**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **16.06.2014 - 19.06.2014** at college premises.



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



Training Head, Career Refresh



## Certificate of


This is to certify that

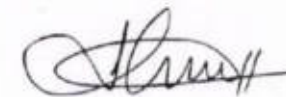
**LOGANAPRIYA S**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **16.06.2014 - 19.06.2014** at college premises.



  
Principal,  
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Training Head, Career Refresh





## Certificate of

This is to certify that

**SAI DHARSAN P**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **16.06.2014 - 19.06.2014** at college premises.



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



Training Head, Career Refresh



## Certificate of

This is to certify that

**VETHA VARSHA S**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **16.06.2014 - 19.06.2014** at college premises.



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



Training Head, Career Refresh



## Certificate of

This is to certify that

**PRITHIVIRAJ G**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module I)** during **16.06.2014 - 19.06.2014** at college premises.



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



Training Head, Career Refresh





## Certificate of

This is to certify that

**BHUVANESHWARI M**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during 16.06.2014 - 20.06.2014 at college premises.



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

Training Head, Career Refresh



## Certificate of

This is to certify that


**MUKILAN K**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **16.06.2014 - 20.06.2014** at college premises.



  
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Kakopalavam (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: INDHU . M

Course Title: Problem Solving and Computer programming through assembly  
refresh (M1)

Year/Sem: II / 03

Dept : CSE

Date: 19.6.2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

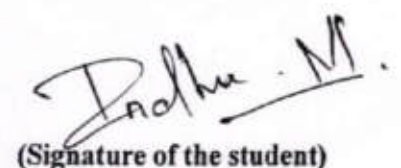
Good classification  
Easy understanding.

Suggestions for improvement:

Need more problems to solve.



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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: Mani bhargathi .S

Course Title: Problem Solving and computer programming through computer refresh (M4)

Year/Sem: II / 03

Dept : CSE

Date: 19.6.2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 things.

Suggestions for improvement:

Need some more resource to explore over places.

Mani bhargathi .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: GOKILA M

Course Title: Problem solving and computer programming through  
career refresh - module.

Year/Sem: II / 03

Dept : CSE

Date: 19.6.2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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.

*Pm*

Principal,

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

*Gokila 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: Anandhi . S

Course Title: Problem Solving and Computer programming through  
C++ refer (M1)

Year/ Sem: II / 03

Dept : CSE

Date: 19.6.2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

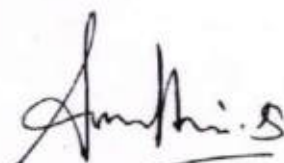
Easy understanding.

Suggestions for improvement:

we need extra modules and need some classification 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: GOMATHI G

Course Title: Problem solving and computer programming through  
career refresh - module 2

Year/Sem: II / 03

Dept : CSE

Date: 19.6.2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

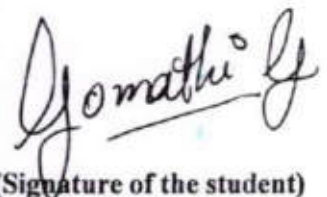
Friendly, knowledgeable, Enjoyable

Suggestions for improvement:

Course flow, communication



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Kekapalayam (Po), Salem-637 501



(Signature of the student)



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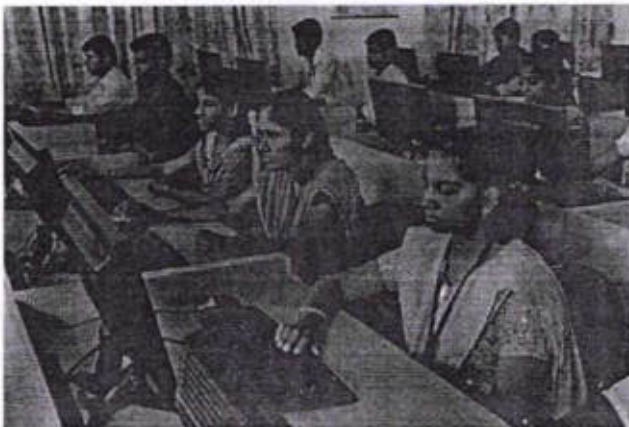
Department of Computer Science and Engineering

**REPORT OF THE EVENT**


|              |                            |                            |                                                                                |
|--------------|----------------------------|----------------------------|--------------------------------------------------------------------------------|
| <b>Date</b>  | 16.06.2014 -<br>20.06.2014 | <b>Resource person</b>     | Career Refresh, Coimbatore.                                                    |
| <b>Time</b>  | 1.00pm – 5.00pm            | <b>Title</b>               | Problem Solving and Computer Programming<br>through Career Refresh (Module II) |
| <b>Venue</b> | CC7, 8                     | <b>No. of Participants</b> | 122                                                                            |

The Course outcome are:

- Identify situations where computational methods and computers would be useful.
- Given a computational problem, identify and abstract the 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





#### Array

- ✓ One dimensional arrays
- ✓ Declaration of 1D arrays
- ✓ Initialization of 1D arrays
- ✓ Accessing element of 1D arrays
- ✓ Reading and displaying elements
- ✓ Two dimensional arrays
- ✓ Declaration of 2D arrays
- ✓ Initialization of 2D arrays
- ✓ Accessing element of 2D arrays
- ✓ Reading and displaying elements

#### Structure

- ✓ Why is structure used?
- ✓ What is structure?
- ✓ Advantages of structures
- ✓ Defining a Structure
- ✓ Declaration of Structure Variables
- ✓ Initialization of Structure Variables
- ✓ Accessing Structure Members
- ✓ Storage of Structures in Memory
- ✓ Size of Structures
- ✓ Reading and Displaying Structure Variables
- ✓ Assignment of Structure Variables
- ✓ Pointers to structures
- ✓ Array of structures
- ✓ Arrays within structures
- ✓ Nested structures

- ✓ Self-referential structures
- ✓ memory link(linked list)
- ✓ Bit fields
- ✓ Programming Examples

#### Strings

- ✓ strings versus character arrays
- ✓ Initializing & Reading string
- ✓ Displaying string
- ✓ The %s format specifier
- ✓ The gets() and puts() functions
- ✓ string handling functions & pointers
- ✓ Two-dimensional character arrays
- ✓ array of string
- ✓ array of pointers to strings

#### Structure and Function

- ✓ 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
- ✓ Returning a structure variable from function
- ✓ Returning a structure variable address from function
- ✓ Returning structure variable from a function



06.06.2014  
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 16.06.2014 - 20.06.2014 for a period of 05 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<br>16.06.2014 -20.06.2014<br>9.00am - 5.00pm | Career Refresh,<br>Coimbatore. |

Thank you,

Yours truly,  
P. Malarvizhi

HOD/CSE  
06/06/14

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.        | 2014/CC/ODD/02                                                                                    | Date | 10.06.2014 |
| 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<br>16.06.2014 -20.06.2014<br>1.00pm - 5.00pm | Career Refresh,<br>Coimbatore. |

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

*P. Malarvizhi*  
10/6/14  
FACULTY INCHARGE

*[Signature]*  
10/6/14  
HOD/CSE

*[Signature]*  
PRINCIPAL

| MECH | CIVIL | EEE | ECE | CSE | S&H | PD | LIB | AO | Transport I/C | Hostel NB | Residential Warden | College NB | Office/ File | Class Circulation |
|------|-------|-----|-----|-----|-----|----|-----|----|---------------|-----------|--------------------|------------|--------------|-------------------|
| *    | *     | *   | *   | *   | *   |    | *   |    |               | *         |                    | *          | *            | *                 |
|      |       |     |     |     |     |    |     |    |               |           |                    |            |              |                   |

*[Signature]*  
Principal,  
Knowledge Institute of Technology  
Akapalayam (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)

16.06.2014 -20.06.2014

Enrolled Student NameList

| Sl.No | Year  | Register Number | Student Name       |
|-------|-------|-----------------|--------------------|
| 1     | III A | 611212104003    | ANBARASU D         |
| 2     | III A | 611212104006    | BALAMURUGAN K L    |
| 3     | III A | 611212104008    | BARATH S           |
| 4     | III A | 611212104010    | BHUVANESHWARI M    |
| 5     | III A | 611212104012    | DHARVESHMYDEEN K   |
| 6     | III A | 611212104015    | DURGHA LAKSHME K T |
| 7     | III A | 611212104016    | ELAKKIYA A         |
| 8     | III A | 611212104018    | GIRIJA S           |
| 9     | III A | 611212104019    | GIRIJA T           |
| 10    | III A | 611212104021    | GOPALAKRISHNAN E   |
| 11    | III A | 611212104026    | KALAIVANI V        |
| 12    | III A | 611212104028    | KAMALESH M         |
| 13    | III A | 611212104031    | KEERTHANA K        |
| 14    | III A | 611212104032    | KEERTHANA S        |
| 15    | III A | 611212104035    | KIRUTHIKA G        |
| 16    | III A | 611212104037    | KOUSHIKAA M        |
| 17    | III A | 611212104038    | KOWSALYA S         |
| 18    | III A | 611212104040    | KUMARESAN E        |
| 19    | III A | 611212104041    | KUMUTHAVALLI B     |
| 20    | III A | 611212104044    | MAHESHWARA N S     |
| 21    | III A | 611212104045    | MOHANA M           |
| 22    | III A | 611212104047    | MONIKA P           |
| 23    | III A | 611212104048    | MUKILAN K          |
| 24    | III A | 611212104050    | NAVANEETHAKANNAN P |
| 25    | III A | 611212104302    | BHUVANESHWARI A    |
| 26    | III A | 611212104304    | JAYAPRAKASH S      |
| 27    | III A | 611212104305    | MOHANRAJ A         |
| 28    | III A | 611212104311    | SELVAKUMAR M       |
| 29    | III A | 611212104313    | SRINIVASAN.P       |
| 30    | III B | 611212104053    | PALANIVEL P        |



|    |       |              |                     |
|----|-------|--------------|---------------------|
| 31 | III B | 611212104055 | PAVITHRA R          |
| 32 | III B | 611212104057 | POONGOTHAI P        |
| 33 | III B | 611212104059 | PRABHU S            |
| 34 | III B | 611212104061 | PRASANNA KUMAR J    |
| 35 | III B | 611212104062 | PRAVHIEN T          |
| 36 | III B | 611212104063 | PRIMATHI S          |
| 37 | III B | 611212104065 | RAATHIGA D          |
| 38 | III B | 611212104067 | RAGAPRIYA G         |
| 39 | III B | 611212104068 | RAGUNATH S G        |
| 40 | III B | 611212104070 | RAJESWARI P         |
| 41 | III B | 611212104073 | SANGAVEE R B        |
| 42 | III B | 611212104077 | SARANYA M           |
| 43 | III B | 611212104078 | SARANYA R           |
| 44 | III B | 611212104081 | SATHISHKUMAR J      |
| 45 | III B | 611212104083 | SATHIYA M           |
| 46 | III B | 611212104085 | SETHUPATHI K        |
| 47 | III B | 611212104087 | SHIVADEVAN V G      |
| 48 | III B | 611212104089 | SIVASAKTHI M        |
| 49 | III B | 611212104092 | SRI CHAMUNDESWARI A |
| 50 | III B | 611212104093 | SUMITHRA D          |
| 51 | III B | 611212104094 | SURESHGOPI A        |
| 52 | III B | 611212104095 | SUSHMITHA S         |
| 53 | III B | 611212104098 | VASUDEVAN M         |
| 54 | III B | 611212104100 | VIGNESHWAR K        |
| 55 | III B | 611212104101 | VINO R S            |
| 56 | III B | 611212104102 | VINODHINI R         |
| 57 | III B | 611212104104 | YOKAANANTH S        |
| 58 | III B | 611212104301 | ANBALAGAN R         |
| 59 | III B | 611212104307 | PRAVEEN M           |
| 60 | III B | 611212104310 | SATHIYAPRIYA M      |
| 61 | III B | 611212104314 | SUBRAMANI A         |
| 62 | III B | 611212104317 | YOGALAKSHMI S       |

*P. M. S. S. S.*  
Faculty Incharge

*P. M.*

*U. S. S. S.*  
HOD

**KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**Problem Solving and Computer Programming through Career Refresh (Module II)**  
**16.06.2014-20.06.2014 | Students Enrollment List**

| Sl.No | Year | Register Number | Student Name              |
|-------|------|-----------------|---------------------------|
| 1     | IV   | 611211105001    | ABINAYA .S                |
| 2     | IV   | 611211105002    | ABIRAMI .K                |
| 3     | IV   | 611211105003    | ABISHEK .A                |
| 4     | IV   | 611211105004    | ANOOSHA .G                |
| 5     | IV   | 611211105005    | ARULKUMAR .J              |
| 6     | IV   | 611211105006    | ARUN KAILASAM .E          |
| 7     | IV   | 611211105007    | ARUNRAJ .R                |
| 8     | IV   | 611211105008    | ASHOK CHAKRAVARTHY .N     |
| 9     | IV   | 611211105009    | BALACHANDAR .G            |
| 10    | IV   | 611211105010    | BHUVANESWARI .M           |
| 11    | IV   | 611211105011    | DEEPAN PRABHU .S          |
| 12    | IV   | 611211105012    | DHANASEKARAN .R           |
| 13    | IV   | 611211105014    | DIVYA .M                  |
| 14    | IV   | 611211105015    | ELAKIYA .E                |
| 15    | IV   | 611211105016    | GANESH .B                 |
| 16    | IV   | 611211105017    | GNANA PRAKASH .T          |
| 17    | IV   | 611211105018    | GOUTHAM. A. R             |
| 18    | IV   | 611211105019    | IDRISSYEDISMAIL .S        |
| 19    | IV   | 611211105020    | JANANI .G                 |
| 20    | IV   | 611211105021    | KARTHICK .C               |
| 21    | IV   | 611211105022    | KARTHIGA .K.G.            |
| 22    | IV   | 611211105023    | KARTHIK. M                |
| 23    | IV   | 611211105024    | KARTHIKEYAN .S            |
| 24    | IV   | 611211105025    | LAKSHMAKUMAR .P.S.        |
| 25    | IV   | 611211105026    | LAVANYA .S                |
| 26    | IV   | 611211105027    | LOGESWARAN .V             |
| 27    | IV   | 611211105028    | MOTHEESWARAN .S           |
| 28    | IV   | 611211105029    | MUKESHARAVIND .P          |
| 29    | IV   | 611211105030    | NAGARAJ .P                |
| 30    | IV   | 611211105031    | NAVEENKUMAR .N            |
| 31    | IV   | 611211105033    | PREM ANAND .R             |
| 32    | IV   | 611211105034    | RAJKUMAR .G               |
| 33    | IV   | 611211105035    | RANJITHKUMAR. M           |
| 34    | IV   | 611211105036    | RAVI KUMAR .P             |
| 35    | IV   | 611211105037    | SAKTHIVEL .G (01.04.1994) |

*Pm*



| Sl.No | Year | Register Number | Student Name              |
|-------|------|-----------------|---------------------------|
| 36    | IV   | 611211105038    | SAKTHIVEL .G (11.02.1994) |
| 37    | IV   | 611211105039    | SANTHOSH .R               |
| 38    | IV   | 611211105040    | SARAVANAN .S              |
| 39    | IV   | 611211105042    | SINDUJA .R                |
| 40    | IV   | 611211105043    | SIVAMBIGA .S              |
| 41    | IV   | 611211105045    | SIVARANJANI .T            |
| 42    | IV   | 611211105046    | SOFIYA .S                 |
| 43    | IV   | 611211105047    | SUKHUMAR .S               |
| 44    | IV   | 611211105048    | TAMILARASAN .K            |
| 45    | IV   | 611211105049    | USHABHARATHI .S.B.        |
| 46    | IV   | 611211105051    | VINOTH KUMAR .C           |
| 47    | IV   | 611211105301    | ANANTHAN.P                |
| 48    | IV   | 611211105303    | DHANAPAL.S                |
| 49    | IV   | 611211105304    | DOMNIC JUSTIN.R           |
| 50    | IV   | 611211105305    | ELANGOVA.N .K             |
| 51    | IV   | 611211105306    | ELANGOVA.N .R             |
| 52    | IV   | 611211105307    | GOPINATHAN .K             |
| 53    | IV   | 611211105310    | MANICKAM .M               |
| 54    | IV   | 611211105312    | NANDHAKUMAR.V             |
| 55    | IV   | 611211105313    | PALANIVEL .C              |
| 56    | IV   | 611211105314    | PREM CHANDAR.G            |
| 57    | IV   | 611211105315    | SEERALAN .G               |
| 58    | IV   | 611211105317    | TAMIL PRABAKARAN.A        |
| 59    | IV   | 611211105318    | VEDHA PRIYA.V.G           |
| 60    | IV   | 611211105319    | VENKATESAN.M              |

*B. Sankar*  
Dept. CC Coordinator

*D. V. - HOD*  
HOD/EEE

*PK*  
PK NCIPAL,  
Knowledge Institute of Technology  
Kakkoalavam (PO): Salem - 637 504



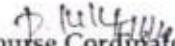
# KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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

### SYLLABUS & SCHEDULE

| Day   | Session | Contents                                                                                                                                                                      |
|-------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DAY 1 | FN      | Array, One dimensional arrays, Declaration of 1D arrays, Initialization of 1D arrays                                                                                          |
|       | AN      | Accessing element of 1D arrays, Reading and displaying elements, Two dimensional arrays, Declaration of 2D arrays, Initialization of 2D arrays                                |
| DAY 2 | FN      | Accessing element of 2D arrays, Reading and displaying elements, Declaration of Structure Variables, Initialization of Structure Variables,                                   |
|       | AN      | Accessing Structure Members, Storage of Structures in Memory, Size of Structures, Reading and Displaying Structure                                                            |
| DAY 3 | FN      | Variables, Assignment of Structure Variables, Pointers to structures, Array of structures                                                                                     |
|       | AN      | Nested structures, Self-referential structures, memory link(linked list), Bit fields                                                                                          |
| DAY 4 | FN      | strings versus character arrays,Initializing & Reading string, Displaying string, The %s format specifier, The gets() and puts() functions,                                   |
|       | AN      | string handling functions & pointers, Two-dimensional character arrays, array of string, array of pointers to strings                                                         |
| DAY 5 | FN      | 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, |
|       | 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 INSITTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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

16.06.2014 -20.06.2014 | Course Attendance

| Sl.No | Year  | Register Number | Student Name       | 16.6.14 | 17.6.14 | 18.6.14 | 19.6.14 | 20.6.14 |   |
|-------|-------|-----------------|--------------------|---------|---------|---------|---------|---------|---|
| 1     | III A | 611212104003    | ANBARASU D         | /       | /       | /       | /       | /       | / |
| 2     | III A | 611212104006    | BALAMURUGAN K L    | /       | /       | /       | /       | /       | / |
| 3     | III A | 611212104008    | BARATH S           | /       | /       | /       | /       | /       | / |
| 4     | III A | 611212104010    | BHUVANESHWARI M    | /       | /       | /       | /       | /       | / |
| 5     | III A | 611212104012    | DHARVESHMYDEEN K   | /       | /       | /       | /       | /       | / |
| 6     | III A | 611212104015    | DURGHA LAKSHME K T | /       | /       | /       | /       | /       | / |
| 7     | III A | 611212104016    | ELAKKIYA A         | /       | /       | /       | /       | /       | / |
| 8     | III A | 611212104018    | GIRIJA S           | a       | /       | /       | /       | /       | / |
| 9     | III A | 611212104019    | GIRIJA T           | /       | /       | /       | /       | /       | / |
| 10    | III A | 611212104021    | GOPALAKRISHNAN E   | /       | /       | /       | /       | /       | / |
| 11    | III A | 611212104026    | KALAIVANI V        | /       | /       | /       | /       | /       | / |
| 12    | III A | 611212104028    | KAMALESH M         | /       | /       | /       | /       | /       | / |
| 13    | III A | 611212104031    | KEERTHANA K        | /       | /       | /       | /       | /       | / |
| 14    | III A | 611212104032    | KEERTHANA S        | /       | /       | /       | /       | /       | / |
| 15    | III A | 611212104035    | KIRUTHIKA G        | /       | /       | /       | /       | /       | / |
| 16    | III A | 611212104037    | KOUSHIKAA M        | /       | /       | /       | /       | /       | / |
| 17    | III A | 611212104038    | KOWSALYA S         | /       | /       | /       | /       | /       | / |
| 18    | III A | 611212104040    | KUMARESAN E        | /       | /       | /       | /       | /       | / |
| 19    | III A | 611212104041    | KUMUTHAVALLI B     | /       | /       | /       | /       | /       | / |
| 20    | III A | 611212104044    | MAHESHWARA N S     | /       | /       | /       | /       | /       | / |
| 21    | III A | 611212104045    | MOHANA M           | /       | /       | /       | /       | /       | / |
| 22    | III A | 611212104047    | MONIKA P           | /       | /       | /       | /       | /       | / |
| 23    | III A | 611212104048    | MUKILAN K          | /       | /       | /       | /       | /       | / |
| 24    | III A | 611212104050    | NAVANEETHAKANNAN P | /       | /       | /       | /       | /       | / |
| 25    | III A | 611212104302    | BHUVANESHWARI A    | /       | /       | /       | /       | /       | / |
| 26    | III A | 611212104304    | JAYAPRAKASH S      | /       | /       | /       | /       | /       | / |
| 27    | III A | 611212104305    | MOHANRAJ A         | /       | /       | /       | /       | /       | / |
| 28    | III A | 611212104311    | SELVAKUMAR M       | /       | /       | /       | /       | /       | / |
| 29    | III A | 611212104313    | SRINIVASAN.P       | /       | /       | /       | /       | /       | / |
| 30    | III B | 611212104053    | PALANIVEL P        | /       | /       | /       | /       | /       | / |



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|    |       |              |                     |                         |    |    |    |    |    |    |
|----|-------|--------------|---------------------|-------------------------|----|----|----|----|----|----|
| 31 | III B | 611212104055 | PAVITHRA R          | /                       | /  | /  | /  | /  | /  |    |
| 32 | III B | 611212104057 | POONGOTHAI P        | /                       | /  | /  | /  | /  | /  |    |
| 33 | III B | 611212104059 | PRABHU S            | /                       | /  | /  | /  | /  | /  |    |
| 34 | III B | 611212104061 | PRASANNA KUMAR J    | /                       | /  | /  | /  | /  | /  |    |
| 35 | III B | 611212104062 | PRAVHIEN T          | /                       | /  | /  | /  | /  | /  |    |
| 36 | III B | 611212104063 | PRIMATHI S          | /                       | /  | /  | /  | /  | /  |    |
| 37 | III B | 611212104065 | RAATHIGA D          | /                       | /  | /  | /  | /  | /  |    |
| 38 | III B | 611212104067 | RAGAPRIYA G         | /                       | /  | /  | /  | /  | /  |    |
| 39 | III B | 611212104068 | RAGUNATH S G        | /                       | /  | /  | /  | /  | /  |    |
| 40 | III B | 611212104070 | RAJESWARI P         | /                       | /  | /  | /  | /  | /  |    |
| 41 | III B | 611212104073 | SANGAVEE R B        | /                       | /  | /  | /  | /  | /  |    |
| 42 | III B | 611212104077 | SARANYA M           | /                       | /  | /  | /  | /  | /  |    |
| 43 | III B | 611212104078 | SARANYA R           | /                       | /  | /  | /  | /  | /  |    |
| 44 | III B | 611212104081 | SATHISHKUMAR J      | /                       | /  | /  | /  | /  | /  |    |
| 45 | III B | 611212104083 | SATHIYA M           | /                       | /  | /  | /  | /  | /  |    |
| 46 | III B | 611212104085 | SETHUPATHI K        | /                       | /  | /  | /  | /  | /  |    |
| 47 | III B | 611212104087 | SHIVADEVAN V G      | /                       | /  | /  | /  | /  | /  |    |
| 48 | III B | 611212104089 | SIVASAKTHI M        | /                       | /  | /  | /  | /  | /  |    |
| 49 | III B | 611212104092 | SRI CHAMUNDESWARI A | /                       | /  | /  | /  | /  | /  |    |
| 50 | III B | 611212104093 | SUMITHRA D          | /                       | /  | /  | /  | /  | /  |    |
| 51 | III B | 611212104094 | SURESHGOPI A        | /                       | /  | /  | /  | /  | /  |    |
| 52 | III B | 611212104095 | SUSHMITHA S         | /                       | /  | /  | /  | /  | /  |    |
| 53 | III B | 611212104098 | VASUDEVAN M         | /                       | /  | /  | /  | /  | /  |    |
| 54 | III B | 611212104100 | VIGNESHWAR K        | /                       | /  | /  | /  | /  | /  |    |
| 55 | III B | 611212104101 | VINO R S            | /                       | /  | /  | /  | /  | /  |    |
| 56 | III B | 611212104102 | VINODHINI R         | /                       | /  | /  | /  | /  | /  |    |
| 57 | III B | 611212104104 | YOKAANANTH S        | /                       | /  | /  | /  | /  | /  |    |
| 58 | III B | 611212104301 | ANBALAGAN R         | /                       | /  | /  | /  | /  | /  |    |
| 59 | III B | 611212104307 | PRAVEEN M           | /                       | /  | /  | /  | /  | /  |    |
| 60 | III B | 611212104310 | SATHIYAPRIYA M      | /                       | /  | /  | /  | /  | /  |    |
| 61 | III B | 611212104314 | SUBRAMANI A         | /                       | /  | /  | /  | /  | /  |    |
| 62 | III B | 611212104317 | YOGALAKSHMI S       | /                       | /  | /  | /  | /  | /  |    |
|    |       |              |                     | NO. OF STUDENTS PRESENT | 61 | 62 | 62 | 61 | 61 | 62 |
|    |       |              |                     | NO. OF STUDENTS ABSENT  | 1  | -  | -  | -  | -  | -  |

Faculty Incharge

Rm

HOD



# KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

16.06.2014-20.06.2014 | Course Attendance

| Sl.No | Year | Register Number | Student Name          | 16.06.14 | 17.06.14 | 18.06.14 | 19.06.14 | 20.06.14 |
|-------|------|-----------------|-----------------------|----------|----------|----------|----------|----------|
| 1     | IV   | 611211105001    | ABINAYA .S            | /        | /        | /        | /        | /        |
| 2     | IV   | 611211105002    | ABIRAMI .K            | /        | /        | /        | /        | /        |
| 3     | IV   | 611211105003    | ABISHEK .A            | /        | /        | /        | /        | /        |
| 4     | IV   | 611211105004    | ANOOSHA .G            | a        | /        | /        | /        | /        |
| 5     | IV   | 611211105005    | ARULKUMAR .J          | /        | /        | /        | /        | /        |
| 6     | IV   | 611211105006    | ARUN KAILASAM .E      | /        | /        | /        | /        | /        |
| 7     | IV   | 611211105007    | ARUNRAJ .R            | /        | /        | /        | /        | /        |
| 8     | IV   | 611211105008    | ASHOK CHAKRAVARTHY .N | /        | a        | /        | /        | /        |
| 9     | IV   | 611211105009    | BALACHANDAR .G        | /        | /        | /        | /        | /        |
| 10    | IV   | 611211105010    | BHUVANESWARI .M       | /        | /        | /        | /        | /        |
| 11    | IV   | 611211105011    | DEEPAN PRABHU .S      | /        | /        | /        | a        | /        |
| 12    | IV   | 611211105012    | DHANASEKARAN .R       | /        | /        | /        | /        | /        |
| 13    | IV   | 611211105014    | DIVYA .M              | /        | /        | /        | /        | /        |
| 14    | IV   | 611211105015    | ELAKIYA .E            | /        | /        | /        | /        | /        |
| 15    | IV   | 611211105016    | GANESH .B             | /        | /        | /        | /        | /        |
| 16    | IV   | 611211105017    | GNANA PRAKASH .T      | /        | /        | /        | /        | a        |
| 17    | IV   | 611211105018    | GOUTHAM. A. R         | /        | /        | /        | /        | /        |
| 18    | IV   | 611211105019    | IDRISSYEDISMAIL .S    | /        | /        | /        | /        | /        |
| 19    | IV   | 611211105020    | JANANI .G             | /        | /        | /        | /        | /        |
| 20    | IV   | 611211105021    | KARTHICK .C           | a        | /        | /        | /        | /        |
| 21    | IV   | 611211105022    | KARTHIGA .K.G.        | /        | /        | /        | a        | /        |
| 22    | IV   | 611211105023    | KARTHIK. M            | /        | /        | /        | /        | /        |
| 23    | IV   | 611211105024    | KARTHIKEYAN .S        | /        | /        | a        | /        | /        |
| 24    | IV   | 611211105025    | LAKSHMAKUMAR .P.S.    | /        | /        | /        | /        | /        |
| 25    | IV   | 611211105026    | LAVANYA .S            | /        | /        | /        | /        | a        |
| 26    | IV   | 611211105027    | LOGESWARAN .V         | /        | /        | /        | /        | /        |
| 27    | IV   | 611211105028    | MOTHEESWARAN .S       | /        | /        | /        | /        | /        |
| 28    | IV   | 611211105029    | MUKESHARAVIND .P      | /        | /        | /        | /        | /        |
| 29    | IV   | 611211105030    | NAGARAJ .P            | /        | /        | /        | /        | a        |
| 30    | IV   | 611211105031    | NAVEENKUMAR .N        | /        | /        | /        | /        | /        |
| 31    | IV   | 611211105033    | PREM ANAND .R         | /        | a        | /        | /        | /        |
| 32    | IV   | 611211105034    | RAJKUMAR .G           | /        | /        | a        | /        | /        |
| 33    | IV   | 611211105035    | RANJITHKUMAR. M       | /        | /        | /        | /        | /        |
| 34    | IV   | 611211105036    | RAVI KUMAR .P         | a        | /        | /        | /        | /        |

  
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 Vakkapalayam (PO) Salem - 637 400



| Sl.No                          | Year | Register Number | Student Name              | 16.06.14  | 17.06.14  | 18.06.14  | 19.06.14  | 20.06.14  |
|--------------------------------|------|-----------------|---------------------------|-----------|-----------|-----------|-----------|-----------|
| 35                             | IV   | 611211105037    | SAKTHIVEL .G (01.04.1994) | /         | /         | /         | /         | /         |
| 36                             | IV   | 611211105038    | SAKTHIVEL .G (11.02.1994) | /         | /         | /         | /         | /         |
| 37                             | IV   | 611211105039    | SANTHOSH .R               | /         | /         | /         | /         | /         |
| 38                             | IV   | 611211105040    | SARAVANAN .S              | /         | /         | /         | /         | /         |
| 39                             | IV   | 611211105042    | SINDUJA .R                | /         | /         | /         | /         | /         |
| 40                             | IV   | 611211105043    | SIVAMBIGA .S              | /         | /         | /         | /         | /         |
| 41                             | IV   | 611211105045    | SIVARANJANI .T            | a         | /         | /         | /         | a         |
| 42                             | IV   | 611211105046    | SOFIYA .S                 | /         | /         | /         | /         | /         |
| 43                             | IV   | 611211105047    | SUKHUMAR .S               | /         | /         | /         | /         | /         |
| 44                             | IV   | 611211105048    | TAMILARASAN .K            | /         | /         | /         | /         | /         |
| 45                             | IV   | 611211105049    | USHABHARATHI .S.B.        | /         | /         | a         | /         | /         |
| 46                             | IV   | 611211105051    | VINOTH KUMAR .C           | /         | /         | /         | /         | /         |
| 47                             | IV   | 611211105301    | ANANTHAN.P                | /         | /         | /         | /         | /         |
| 48                             | IV   | 611211105303    | DHANAPAL.S                | /         | a         | /         | /         | /         |
| 49                             | IV   | 611211105304    | DOMNIC JUSTIN.R           | /         | /         | /         | /         | /         |
| 50                             | IV   | 611211105305    | ELANGO VAN. K             | /         | /         | /         | /         | /         |
| 51                             | IV   | 611211105306    | ELANGO VAN. R             | /         | /         | /         | a         | /         |
| 52                             | IV   | 611211105307    | GOPINATHAN. K             | /         | /         | /         | /         | /         |
| 53                             | IV   | 611211105310    | MANICKAM. M               | /         | /         | /         | /         | /         |
| 54                             | IV   | 611211105312    | NANDHAKUMAR.V             | /         | /         | /         | /         | /         |
| 55                             | IV   | 611211105313    | PALANIVEL. C              | /         | /         | /         | /         | /         |
| 56                             | IV   | 611211105314    | PREM CHANDAR.G            | /         | /         | /         | /         | /         |
| 57                             | IV   | 611211105315    | SEERALAN. G               | /         | /         | /         | /         | /         |
| 58                             | IV   | 611211105317    | TAMIL PRABAKARAN.A        | /         | /         | /         | /         | /         |
| 59                             | IV   | 611211105318    | VEDHA PRIYA.V.G           | /         | /         | /         | /         | /         |
| 60                             | IV   | 611211105319    | VENKATESAN.M              | /         | /         | /         | /         | /         |
| <b>No. of Students Present</b> |      |                 |                           | <b>56</b> | <b>57</b> | <b>57</b> | <b>57</b> | <b>56</b> |
| <b>No of Students Absent</b>   |      |                 |                           | <b>4</b>  | <b>3</b>  | <b>3</b>  | <b>3</b>  | <b>4</b>  |

*B. Suresh Babu*  
 Dept. CC Coordinator

*D. V. Prasad*  
 HOD/EEE

*PM*  
 PRINCIPAL,  
 Knowledge Institute of Technology  
 Kakapalavem (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)

16.06.2014 -20.06.2014 | Assessment Report

| Sl.No | Year  | Register Number | Student Name       | Final Assessment % |
|-------|-------|-----------------|--------------------|--------------------|
| 1     | III A | 611212104003    | ANBARASU D         | 71                 |
| 2     | III A | 611212104006    | BALAMURUGAN K L    | 76                 |
| 3     | III A | 611212104008    | BARATH S           | 73                 |
| 4     | III A | 611212104010    | BHUVANESHWARI M    | 82                 |
| 5     | III A | 611212104012    | DHARVESHMYDEEN K   | 63                 |
| 6     | III A | 611212104015    | DURGHA LAKSHME K T | 79                 |
| 7     | III A | 611212104016    | ELAKKIYA A         | 84                 |
| 8     | III A | 611212104018    | GIRIJA S           | 88                 |
| 9     | III A | 611212104019    | GIRIJA T           | 77                 |
| 10    | III A | 611212104021    | GOPALAKRISHNAN E   | 71                 |
| 11    | III A | 611212104026    | KALAIVANI V        | 86                 |
| 12    | III A | 611212104028    | KAMALESH M         | 65                 |
| 13    | III A | 611212104031    | KEERTHANA K        | 80                 |
| 14    | III A | 611212104032    | KEERTHANA S        | 67                 |
| 15    | III A | 611212104035    | KIRUTHIKA G        | 86                 |
| 16    | III A | 611212104037    | KOUSHIKAA M        | 77                 |
| 17    | III A | 611212104038    | KOWSALYA S         | 79                 |
| 18    | III A | 611212104040    | KUMARESAN E        | 75                 |
| 19    | III A | 611212104041    | KUMUTHAVALLI B     | 66                 |
| 20    | III A | 611212104044    | MAHESHWARA N S     | 64                 |
| 21    | III A | 611212104045    | MOHANA M           | 87                 |
| 22    | III A | 611212104047    | MONIKA P           | 71                 |
| 23    | III A | 611212104048    | MUKILAN K          | 78                 |
| 24    | III A | 611212104050    | NAVANEETHAKANNAN P | 79                 |
| 25    | III A | 611212104302    | BHUVANESHWARI A    | 69                 |
| 26    | III A | 611212104304    | JAYAPRAKASH S      | 85                 |
| 27    | III A | 611212104305    | MOHANRAJ A         | 86                 |
| 28    | III A | 611212104311    | SELVAKUMAR M       | 67                 |
| 29    | III A | 611212104313    | SRINIVASAN.P       | 74                 |
| 30    | III B | 611212104053    | PALANIVEL P        | 72                 |



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|    |       |              |                     |    |
|----|-------|--------------|---------------------|----|
| 31 | III B | 611212104055 | PAVITHRA R          | 74 |
| 32 | III B | 611212104057 | POONGOTHAI P        | 87 |
| 33 | III B | 611212104059 | PRABHU S            | 63 |
| 34 | III B | 611212104061 | PRASANNA KUMAR J    | 78 |
| 35 | III B | 611212104062 | PRAVHIEN T          | 88 |
| 36 | III B | 611212104063 | PRIMATHI S          | 78 |
| 37 | III B | 611212104065 | RAATHIGA D          | 64 |
| 38 | III B | 611212104067 | RAGAPRIYA G         | 65 |
| 39 | III B | 611212104068 | RAGUNATH S G        | 83 |
| 40 | III B | 611212104070 | RAJESWARI P         | 82 |
| 41 | III B | 611212104073 | SANGAVEE R B        | 72 |
| 42 | III B | 611212104077 | SARANYA M           | 75 |
| 43 | III B | 611212104078 | SARANYA R           | 64 |
| 44 | III B | 611212104081 | SATHISHKUMAR J      | 63 |
| 45 | III B | 611212104083 | SATHIYA M           | 84 |
| 46 | III B | 611212104085 | SETHUPATHI K        | 85 |
| 47 | III B | 611212104087 | SHIVADEVAN V G      | 86 |
| 48 | III B | 611212104089 | SIVASAKTHI M        | 84 |
| 49 | III B | 611212104092 | SRI CHAMUNDESWARI A | 72 |
| 50 | III B | 611212104093 | SUMITHRA D          | 83 |
| 51 | III B | 611212104094 | SURESHGOPI A        | 87 |
| 52 | III B | 611212104095 | SUSHMITHA S         | 71 |
| 53 | III B | 611212104098 | VASUDEVAN M         | 68 |
| 54 | III B | 611212104100 | VIGNESHWAR K        | 77 |
| 55 | III B | 611212104101 | VINO R S            | 71 |
| 56 | III B | 611212104102 | VINODHINI R         | 84 |
| 57 | III B | 611212104104 | YOKAANANTH S        | 79 |
| 58 | III B | 611212104301 | ANBALAGAN R         | 73 |
| 59 | III B | 611212104307 | PRAVEEN M           | 75 |
| 60 | III B | 611212104310 | SATHIYAPRIYA M      | 71 |
| 61 | III B | 611212104314 | SUBRAMANI A         | 81 |
| 62 | III B | 611212104317 | YOGALAKSHMI S       | 84 |

\*\*Max Marks - 100 | Min Marks - 60

*P. N. S. S. S.*  
Faculty Incharge

*P. M.*

*V. Lokesh*  
HOD

Principal,  
Knowledge Institute of Technology  
Kakapalayam (Po), Salem-637 500



## Certificate of

This is to certify that

**PAVITHRA R**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **16.06.2014 - 20.06.2014** at college premises.



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



Training Head, Career Refresh





## Certificate of

This is to certify that

**SARANYA R**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during 16.06.2014 - 20.06.2014 at college premises.



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

Training Head, Career Refresh





## Certificate of

This is to certify that

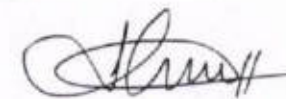
**SUMITHRA D**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Problem Solving and Computer Programming through Career Refresh (Module II)** during **16.06.2014 - 20.06.2014** at college premises.



  
Principal,  
Knowledge Institute of Technology,  
Kakapalavam (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: Palanivel. P.

Course Title: Problem solving & computer programming through career refresh!

Year/Sem: I / V

Dept : CSE

Date: 20.6.2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 concepts.

Suggestions for improvement:

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

Palanivel. P.  
(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: Elakkia .A

Course Title: Problem solving & computer programming through career refresh (11)

Year/Sem: III - V

Dept : CSE

Date: 20/6/2014.

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

- ①. session was interactive and good.
- ②. got lot of info about problem solving

### Suggestions for improvement:



Principal,

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

Elakkia .A

(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: ANBARASU.D

Course Title: Problem Solving and Computer Programming through Career Refresh (Module II)

Year/ Sem: III / 5

Dept : CSE

Date: 20/6/14

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 is clear.

Suggestions for improvement:

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

*Anbarasu*  
(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: BARATH S

Course Title: ~~1711/05~~ Problem Solving and computer Programming through  
career Refresh (Module II)

Year/ Sem: 111 / 05

Dept : CSE

Date: 20/6/14

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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

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: KEERTHANA K

Course Title: Problemsolving & Computerprogramming through career Refresh Model.

Year/Sem: III / 05

Dept : CSE

Date: 20/6/14

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

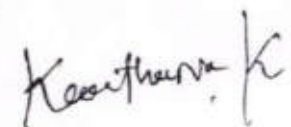
Good Speech

Suggestions for improvement:

Need break



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**

|              |                            |                            |                                                                   |
|--------------|----------------------------|----------------------------|-------------------------------------------------------------------|
| <b>Date</b>  | 19.01.2015 -<br>24.01.2015 | <b>Resource person</b>     | Career Refresh, Coimbatore.                                       |
| <b>Time</b>  | 9.00am – 5.00pm            | <b>Title</b>               | Application Development and Programming<br>through Career Refresh |
| <b>Venue</b> | CC11, 12                   | <b>No. of Participants</b> | <b>125</b>                                                        |

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



# KNOWLEDGE INSTITUTE OF TECHNOLOGY

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

**Application Development and Programming through Career Refresh**

Course Syllabus



## 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

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

26.12.2014  
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 19.01.2015 - 24.01.2015 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<br>19.01.2015 -24.01.2015<br>& 9.00am - 5.00pm | Career Refresh,<br>Coimbatore. |

Thank you.

Yours truly,

P. Malarvizhi/26/12/14

  
26/12/14  
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.        | 2014/CC/EVEN/05                                                                      | Date | 09.01.2015 |
| 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<br>19.01.2015 - 24.01.2015<br>& 9.00am - 5.00pm | Career Refresh,<br>Coimbatore. |

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

*P. Malarvizhi*  
FACULTY INCHARGE

*[Signature]*  
HOD/CSE

*[Signature]*  
PRINCIPAL

| MECH | CIVIL | EEE | ECE | CSE | S&H | PD | LIB | AO | Transport I/C | Hostel NB | Residential Warden | College NB | Office/ File | Class Circulation |
|------|-------|-----|-----|-----|-----|----|-----|----|---------------|-----------|--------------------|------------|--------------|-------------------|
| *    | *     | *   | *   | *   | *   |    | *   |    |               | *         |                    | *          | *            | *                 |
|      |       |     |     |     |     |    |     |    |               |           |                    |            |              |                   |

*[Signature]*  
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

19.01.2015 - 26.01.2015

Enrolled Student NameList

| Sl.No | Year  | Register Number | Student Name       |
|-------|-------|-----------------|--------------------|
| 1     | III A | 611212104003    | ANBARASU D         |
| 2     | III A | 611212104006    | BALAMURUGAN K L    |
| 3     | III A | 611212104010    | BHUVANESHWARI M    |
| 4     | III A | 611212104016    | ELAKKIYA A         |
| 5     | III A | 611212104018    | GIRIJA S           |
| 6     | III A | 611212104019    | GIRIJA T           |
| 7     | III A | 611212104021    | GOPALAKRISHNAN E   |
| 8     | III A | 611212104026    | KALAIVANI V        |
| 9     | III A | 611212104028    | KAMALESH M         |
| 10    | III A | 611212104031    | KEERTHANA K        |
| 11    | III A | 611212104035    | KIRUTHIKA G        |
| 12    | III A | 611212104037    | KOUSHIKAA M        |
| 13    | III A | 611212104047    | MONIKA P           |
| 14    | III A | 611212104048    | MUKILAN K          |
| 15    | III A | 611212104050    | NAVANEETHAKANNAN P |
| 16    | III A | 611212104302    | BHUVANESHWARI A    |
| 17    | III A | 611212104305    | MOHANRAJ A         |
| 18    | III A | 611212104313    | SRINIVASAN.P       |
| 19    | III B | 611212104053    | PALANIVEL P        |
| 20    | III B | 611212104055    | PAVITHRA R         |
| 21    | III B | 611212104057    | POONGOTHAI P       |
| 22    | III B | 611212104062    | PRAVHIEN T         |
| 23    | III B | 611212104065    | RAATHIGA D         |
| 24    | III B | 611212104067    | RAGAPRIYA G        |
| 25    | III B | 611212104068    | RAGUNATHS G        |
| 26    | III B | 611212104073    | SANGAVEE R B       |
| 27    | III B | 611212104077    | SARANYA M          |



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

|    |       |              |                     |
|----|-------|--------------|---------------------|
| 28 | III B | 611212104081 | SATHISHKUMAR J      |
| 29 | III B | 611212104083 | SATHIYA M           |
| 30 | III B | 611212104085 | SETHUPATHI K        |
| 31 | III B | 611212104087 | SHIVADEVAN V G      |
| 32 | III B | 611212104089 | SIVASAKTHI M        |
| 33 | III B | 611212104092 | SRI CHAMUNDESWARI A |
| 34 | III B | 611212104093 | SUMITHRA D          |
| 35 | III B | 611212104098 | VASUDEVAN M         |
| 36 | III B | 611212104100 | VIGNESHWAR K        |
| 37 | III B | 611212104101 | VINO R S            |
| 38 | III B | 611212104104 | YOKAANANTH S        |
| 39 | III B | 611212104301 | ANBALAGAN R         |
| 40 | III B | 611212104314 | SUBRAMANI A         |
| 41 | III B | 611212104317 | YOGALAKSHMIS        |

P. M. S. S. S. S.  
Faculty Incharge

U. S. S. S.  
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 | FN      | Object-Oriented Programming, abstraction, encapsulation, and packages, class, member, attribute, method, constructor, and package, API                                           |
|       | AN      | Identifiers, Keywords, and Types, valid and invalid identifiers, eight primitive types, literal values for numeric and textual types, default initialization, reference variable |
| DAY 2 | FN      | Expressions and Flow Control, instance and local variables, variables, Java software operators, legal and illegal assignments of primitive types,                                |
|       | AN      | boolean expressions, if, switch, for, while, and do , Arrays, arrays of primitive, class, or array types, multidimensional array,                                                |
| DAY 3 | FN      | Class Design, inheritance, polymorphism, overloading, overriding, and virtual method invocation, method overloading,                                                             |
|       | AN      | Advanced Class Features, static variables, methods, and initializers, final classes, methods, and variables, abstract classes and methods                                        |
| DAY 4 | FN      | Exceptions and Assertions, Collections and Generics Framework, Collections framework, Map interface, legacy collection classes                                                   |
|       | AN      | Console I/ O and File I/O, Read data from the console data to the console, files and file I/O                                                                                    |
| DAY 5 | FN      | Building Java GUIs Using the Swing API, the JFC Swing technology the Swing packages                                                                                              |
|       | AN      | Handling GUI-Generated Events, events and event handling, GUI behavior, event listeners, concurrency, GUI-Based Applications                                                     |
| DAY 6 | FN      | construct a menu bar, menu, and menu items in a Java GUI, Understand change the color and font of a component, Threads                                                           |

P. N. S. S. S.  
Course Coordinator

26/12/17  
HOD

Pm

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

KNOWLEDGE INSITTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Application Development and Programming through Career Refresh

19.01.2015 - 26.01.2015 | Course Attendance

| Sl.No | Year  | Register Number | Student Name       | 19.1.15 | 20.1.15 | 21.1.15 | 22.1.15 | 23.1.15 | 24.1.15 |
|-------|-------|-----------------|--------------------|---------|---------|---------|---------|---------|---------|
| 1     | III A | 611212104003    | ANBARASU D         | /       | /       | /       | /       | /       | /       |
| 2     | III A | 611212104006    | BALAMURUGAN K L    | /       | /       | /       | /       | /       | /       |
| 3     | III A | 611212104010    | BHUVANESHWARI M    | /       | /       | /       | /       | /       | /       |
| 4     | III A | 611212104016    | ELAKKIYA A         | /       | /       | /       | /       | /       | /       |
| 5     | III A | 611212104018    | GIRIJA S           | /       | /       | /       | /       | /       | /       |
| 6     | III A | 611212104019    | GIRIJA T           | /       | /       | /       | /       | /       | /       |
| 7     | III A | 611212104021    | GOPALAKRISHNAN E   | /       | /       | /       | /       | /       | /       |
| 8     | III A | 611212104026    | KALAIVANI V        | /       | /       | /       | /       | /       | /       |
| 9     | III A | 611212104028    | KAMALESH M         | /       | /       | /       | /       | /       | /       |
| 10    | III A | 611212104031    | KEERTHANA K        | /       | /       | /       | /       | /       | /       |
| 11    | III A | 611212104035    | KIRUTHIKA G        | /       | /       | /       | /       | /       | /       |
| 12    | III A | 611212104037    | KOUSHIKAA M        | /       | /       | /       | /       | /       | /       |
| 13    | III A | 611212104047    | MONIKA P           | /       | /       | /       | /       | /       | /       |
| 14    | III A | 611212104048    | MUKILAN K          | /       | /       | /       | /       | /       | /       |
| 15    | III A | 611212104050    | NAVANEETHAKANNAN P | /       | /       | /       | /       | /       | /       |
| 16    | III A | 611212104302    | BHUVANESHWARI A    | /       | /       | /       | a       | /       | /       |
| 17    | III A | 611212104305    | MOHANRAJ A         | /       | /       | /       | /       | /       | /       |
| 18    | III A | 611212104313    | SRINIVASAN.P       | /       | /       | /       | /       | /       | /       |
| 19    | III B | 611212104053    | PALANIVEL P        | /       | /       | /       | /       | /       | /       |
| 20    | III B | 611212104055    | PAVITHRA R         | /       | /       | /       | /       | /       | /       |
| 21    | III B | 611212104057    | POONGOTHAI P       | /       | /       | /       | /       | /       | /       |
| 22    | III B | 611212104062    | PRAVHIEN T         | /       | /       | /       | /       | /       | /       |
| 23    | III B | 611212104065    | RAATHIGA D         | /       | /       | /       | /       | /       | /       |
| 24    | III B | 611212104067    | RAGAPRIYA G        | /       | /       | /       | /       | /       | a       |
| 25    | III B | 611212104068    | RAGUNATH S G       | /       | /       | /       | /       | /       | /       |
| 26    | III B | 611212104073    | SANGAVEE R B       | /       | /       | /       | /       | /       | /       |
| 27    | III B | 611212104077    | SARANYA M          | /       | /       | /       | /       | /       | /       |
| 28    | III B | 611212104081    | SATHISHKUMAR J     | /       | /       | /       | /       | /       | /       |
| 29    | III B | 611212104083    | SATHIYA M          | /       | /       | /       | /       | /       | /       |
| 30    | III B | 611212104085    | SETHUPATHI K       | /       | /       | /       | /       | /       | /       |



Principal,

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

|    |       |              |                     |                         |    |    |    |    |    |    |
|----|-------|--------------|---------------------|-------------------------|----|----|----|----|----|----|
| 31 | III B | 611212104087 | SHIVADEVAN V G      | /                       | /  | /  | /  | 4  | /  |    |
| 32 | III B | 611212104089 | SIVASAKTHI M        | /                       | /  | /  | /  | /  | /  |    |
| 33 | III B | 611212104092 | SRI CHAMUNDESWARI A | /                       | /  | /  | /  | /  | /  |    |
| 34 | III B | 611212104093 | SUMITHRA D          | /                       | /  | /  | /  | /  | /  |    |
| 35 | III B | 611212104098 | VASUDEVAN M         | /                       | /  | /  | /  | /  | /  |    |
| 36 | III B | 611212104100 | VIGNESHWAR K        | /                       | /  | /  | /  | /  | /  |    |
| 37 | III B | 611212104101 | VINO R S            | /                       | /  | /  | /  | /  | /  |    |
| 38 | III B | 611212104104 | YOKAANANTH S        | /                       | /  | /  | /  | /  | /  |    |
| 39 | III B | 611212104301 | ANBALAGAN R         | /                       | /  | /  | /  | /  | /  |    |
| 40 | III B | 611212104314 | SUBRAMANI A         | /                       | /  | /  | /  | /  | /  |    |
| 41 | III B | 611212104317 | YOGALAKSHMI S       | /                       | /  | /  | /  | /  | /  |    |
|    |       |              |                     | NO. OF STUDENTS PRESENT | 41 | 41 | 41 | 40 | 41 | 40 |
|    |       |              |                     | NO. OF STUDENTS ABSENT  | -  | -  | -  | 1  | -  | 1  |

Faculty Incharge

HOD  
26/11/15



KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Application Development and Programming through Career Refresh

19.01.2015 - 26.01.2015 | Assessment Report

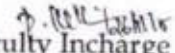
| Sl.No | Year  | Register Number | Student Name       | Final Assessment % |
|-------|-------|-----------------|--------------------|--------------------|
| 1     | III A | 611212104003    | ANBARASU D         | 75                 |
| 2     | III A | 611212104006    | BALAMURUGAN K L    | 65                 |
| 3     | III A | 611212104010    | BHUVANESHWARI M    | 64                 |
| 4     | III A | 611212104016    | ELAKKIYA A         | 86                 |
| 5     | III A | 611212104018    | GIRIJA S           | 65                 |
| 6     | III A | 611212104019    | GIRIJA T           | 85                 |
| 7     | III A | 611212104021    | GOPALAKRISHNAN E   | 81                 |
| 8     | III A | 611212104026    | KALAIVANI V        | 63                 |
| 9     | III A | 611212104028    | KAMALESH M         | 73                 |
| 10    | III A | 611212104031    | KEERTHANA K        | 80                 |
| 11    | III A | 611212104035    | KIRUTHIKA G        | 70                 |
| 12    | III A | 611212104037    | KOUSHIKAA M        | 68                 |
| 13    | III A | 611212104047    | MONIKA P           | 69                 |
| 14    | III A | 611212104048    | MUKILAN K          | 73                 |
| 15    | III A | 611212104050    | NAVANEETHAKANNAN P | 84                 |
| 16    | III A | 611212104302    | BHUVANESHWARI A    | 69                 |
| 17    | III A | 611212104305    | MOHANRAJ A         | 76                 |
| 18    | III A | 611212104313    | SRINIVASAN.P       | 72                 |
| 19    | III B | 611212104053    | PALANIVEL P        | 86                 |
| 20    | III B | 611212104055    | PAVITHRA R         | 69                 |
| 21    | III B | 611212104057    | POONGOTHAI P       | 65                 |
| 22    | III B | 611212104062    | PRAVHIEN T         | 72                 |
| 23    | III B | 611212104065    | RAATHIGA D         | 76                 |
| 24    | III B | 611212104067    | RAGAPRIYA G        | 66                 |
| 25    | III B | 611212104068    | RAGUNATH S G       | 79                 |
| 26    | III B | 611212104073    | SANGAVEE R B       | 71                 |
| 27    | III B | 611212104077    | SARANYA M          | 81                 |
| 28    | III B | 611212104081    | SATHISHKUMAR J     | 75                 |
| 29    | III B | 611212104083    | SATHIYA M          | 81                 |
| 30    | III B | 611212104085    | SETHUPATHI K       | 70                 |

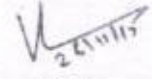
  
Principal,

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

|    |       |              |                     |    |
|----|-------|--------------|---------------------|----|
| 31 | III B | 611212104087 | SHIVADEVAN V G      | 82 |
| 32 | III B | 611212104089 | SIVASAKTHI M        | 72 |
| 33 | III B | 611212104092 | SRI CHAMUNDESWARI A | 65 |
| 34 | III B | 611212104093 | SUMITHRA D          | 65 |
| 35 | III B | 611212104098 | VASUDEVAN M         | 80 |
| 36 | III B | 611212104100 | VIGNESHWAR K        | 67 |
| 37 | III B | 611212104101 | VINO R S            | 82 |
| 38 | III B | 611212104104 | YOKAANANTH S        | 70 |
| 39 | III B | 611212104301 | ANBALAGAN R         | 85 |
| 40 | III B | 611212104314 | SUBRAMANI A         | 70 |
| 41 | III B | 611212104317 | YOGALAKSHMI S       | 66 |

\*\*Max Marks - 100 | Min Marks - 60

  
Faculty Incharge

  
HOD

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



## Certificate of

This is to certify that

**KAMALESH M**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during **19.01.2015 - 26.01.2015** at college premises.



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



Training Head, Career Refresh





## Certificate of

This is to certify that

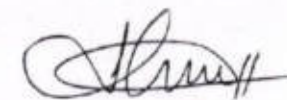
**KEERTHANA K**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during **19.01.2015 - 26.01.2015** at college premises.



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



Training Head, Career Refresh



## Certificate of

This is to certify that

**KIRUTHIKA G**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during 19.01.2015 - 26.01.2015 at college premises.



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



Training Head, Career Refresh



## Certificate of


This is to certify that

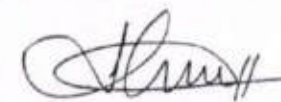
**KOUSHIKAA M**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during 19.01.2015 - 26.01.2015 at college premises.



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



Training Head, Career Refresh





## Certificate of

This is to certify that


**MONIKA P**

Knowledge Institute of Technology

has successfully completed the Certificate Course on **Application Development and Programming through Career Refresh** during 19.01.2015 - 26.01.2015 at college premises.



  
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: Elakeya . A

Course Title: Application development and programming through  
@ course  
refr

Year/ Sem: III / 06

Dept : CSE

Date: 26.1.15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

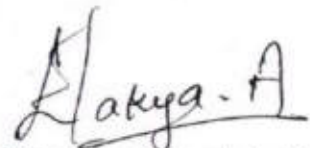
easy understanding  
friendly

Suggestions for improvement:

Need extra problems to solve.

  
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: Monica . P

Course Title: Application development and programming through  
Cobol request

Year/ Sem: II / 06

Dept : CSE

Date: 26.1.15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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.

Suggestions for improvement:

Need more hours of training.

*Pm*

Principal,

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

*Monica.P.*

(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: Raghurath S.G.

Course Title: Application development and programming through c++

Year/ Sem: 1<sup>st</sup> / 06

Dept : CSE

Date: 26/1/15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

First step towards my career, enjoyable and enlightening.

Suggestions for improvement:

Could be more consistent  
communication was not steady.

Principal,

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

Raghurath S.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: Saranya M

Course Title: Application development and programming through career refresh.

Year/Sem: III / 06

Dept : CSE

Date: 26/1/15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

Obtained a fresh perspective about the aspects of application development.

Suggestions for improvement:

Could improve communication

PM

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Kakapalayam (Po), Salem-637 507

Saranya 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: GURUJA S

Course Title: Application development and programming through  
career refresh

Year/Sem: III / 06

Dept : CSE

Date: 26.1.15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

Very knowledgeable, impeccable flow, friendly

Suggestions for improvement:

Course completion on time

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Knowledge Institute of Technology  
Kakapalayam (Po), Salem-637 507

(Signature of the student)





**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504**

Department of Computer Science and Engineering

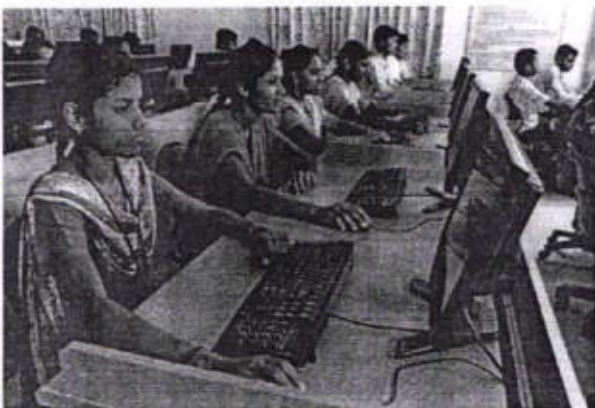
**Encl: Circular / Brochure / Attendance Sheet**

**REPORT OF THE EVENT**

|              |                            |                            |                                                     |
|--------------|----------------------------|----------------------------|-----------------------------------------------------|
| <b>Date</b>  | 05.01.2015 -<br>09.01.2015 | <b>Resource person</b>     | Veekan Technologies, Chennai.                       |
| <b>Time</b>  | 9.00am – 5.00pm            | <b>Title</b>               | Design and System Programming - Veekan Technologies |
| <b>Venue</b> | CC7, 8                     | <b>No. of Participants</b> | <b>40</b>                                           |

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**

Course Syllabus

*Veekan*  
TECHNOLOGIES

## 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, Floyd 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 Technology  
Kakapalayam (Po), Salem-637 504

25.12.2014  
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 05.01.2015 -09.01.2015 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<br>05.01.2015 - 09.01.2015<br>& 9.00am - 5.00pm | Veekan Technologies,<br>Chennai. |

Thank you,

Yours truly,

P. Malarvizhi/25/12/14

  
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.        | 2014/CC/EVEN/04                                                           | Date | 29.12.2014 |
| 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<br>05.01.2015 -09.01.2015<br>& 9.00am - 5.00pm | Veekan Technologies,<br>Chennai. |

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

*P. Malarvizhi*  
FACULTY INCHARGE

*H. 29/12/14*  
HOD/CSE

*P*  
PRINCIPAL

| MECH | CIVIL | EEE | ECE | CSE | S&H | PD | LIB | AO | Transport<br>/C | Hostel<br>NB | Residential<br>Warden | College NB | Office/<br>File | Class<br>Circulation |
|------|-------|-----|-----|-----|-----|----|-----|----|-----------------|--------------|-----------------------|------------|-----------------|----------------------|
| *    | *     | *   | *   | *   | *   |    | *   |    |                 | *            |                       | *          | *               | *                    |
|      |       |     |     |     |     |    |     |    |                 |              |                       |            |                 |                      |

*Pm*  
Principal,  
Knowledge Institute of Technology,  
Kekapalayam (Po), Salem-637 504

KNOWLEDGE INSITITE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Design and System Programing - Veekan Technologies

05.01.2015 - 09.01.2015

Enrolled Student NameList

| Sl.No | Year | Register Number | Student Name       |
|-------|------|-----------------|--------------------|
| 1     | II A | 611213104001    | ABHINAYA HARINI NM |
| 2     | II A | 611213104004    | ANANTHI S          |
| 3     | II A | 611213104014    | GOKILA M           |
| 4     | II A | 611213104015    | GOKILA R           |
| 5     | II A | 611213104017    | GOMATHI G          |
| 6     | II A | 611213104022    | HARIJOTHI J        |
| 7     | II A | 611213104030    | KALAIYARASI G      |
| 8     | II A | 611213104031    | KARTHIKA M         |
| 9     | II A | 611213104033    | KAUSALYA S P       |
| 10    | II A | 611213104035    | KOKILA D           |
| 11    | II A | 611213104036    | KUPPULAKSHMI A R   |
| 12    | II A | 611213104037    | LOGANAPRIYA S      |
| 13    | II A | 611213104038    | MANI BHARATHI S    |
| 14    | II A | 611213104042    | MEYYAZHAGAN E      |
| 15    | II A | 611213104043    | MOHANAPRIYA V      |
| 16    | II A | 611213104045    | MOWNAPRIYA D       |
| 17    | II A | 611213104302    | ARULKUMAR K        |
| 18    | II A | 611213104303    | BALAJI H.S.        |
| 19    | II A | 611213104307    | NAVEEN GUPTHA H    |
| 20    | II B | 611213104049    | NIRANCHANA S       |
| 21    | II B | 611213104053    | POOVARASAN G       |
| 22    | II B | 611213104055    | PRAKALYA M         |
| 23    | II B | 611213104060    | RENUKADEVIS        |
| 24    | II B | 611213104063    | SAI DHARSAN P      |
| 25    | II B | 611213104066    | SANGEETHA D        |
| 26    | II B | 611213104068    | SANTHIYA V         |
| 27    | II B | 611213104069    | SARAVANAN R        |



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

|    |      |              |                    |
|----|------|--------------|--------------------|
| 28 | II B | 611213104071 | SHANMATHI A        |
| 29 | II B | 611213104073 | SHRI INDUMATHI A K |
| 30 | II B | 611213104076 | SNEHA R            |
| 31 | II B | 611213104080 | SURESH KUMAR R     |
| 32 | II B | 611213104081 | SWATHI SRI M       |
| 33 | II B | 611213104085 | VANITHA RANI N     |
| 34 | II B | 611213104086 | VASANTH N          |
| 35 | II B | 611213104088 | VETHA VARSHA S     |
| 36 | II B | 611213104089 | VICKY A L          |
| 37 | II B | 611213104091 | VIGNESWARAN R J    |
| 38 | II B | 611213104092 | VIJAYAKUMAR M      |
| 39 | II B | 611213104311 | PRITHIVIRAJ G      |
| 40 | II B | 611213104701 | POORNIMA U         |

*D. N. S. S. S. S.*  
Faculty Incharge

*[Signature]*  
10/1/16  
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.                                    |

P. Nilay  
25/12/14  
Course Cordinator

V  
25/12/14  
HOD

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

KNOWLEDGE INSITTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Design and System Programming - Veekan Technologies

05.01.2015 - 09.01.2015 | Course Attendance

| Sl.No | Year | Register Number | Student Name       | 5.1.15 | 6.1.15 | 7.1.15 | 8.1.15 | 9.1.15 |
|-------|------|-----------------|--------------------|--------|--------|--------|--------|--------|
| 1     | II A | 611213104001    | ABHINAYA HARINI NM | /      | /      | /      | /      | /      |
| 2     | II A | 611213104004    | ANANTHI S          | /      | /      | /      | /      | /      |
| 3     | II A | 611213104014    | GOKILA M           | /      | /      | /      | /      | /      |
| 4     | II A | 611213104015    | GOKILA R           | /      | /      | /      | /      | /      |
| 5     | II A | 611213104017    | GOMATHI G          | /      | /      | /      | /      | /      |
| 6     | II A | 611213104022    | HARIJOTHI J        | /      | /      | /      | /      | /      |
| 7     | II A | 611213104030    | KALAIYARASI G      | /      | /      | /      | /      | /      |
| 8     | II A | 611213104031    | KARTHIKA M         | /      | /      | /      | /      | /      |
| 9     | II A | 611213104033    | KAUSALYA S P       | /      | /      | /      | /      | a      |
| 10    | II A | 611213104035    | KOKILA D           | /      | /      | /      | /      | /      |
| 11    | II A | 611213104036    | KUPPULAKSHMI A R   | /      | /      | /      | /      | /      |
| 12    | II A | 611213104037    | LOGANAPRIYA S      | /      | /      | /      | a      | /      |
| 13    | II A | 611213104038    | MANI BHARATHI S    | /      | /      | /      | /      | /      |
| 14    | II A | 611213104042    | MEYYAZHAGAN E      | /      | /      | /      | /      | /      |
| 15    | II A | 611213104043    | MOHANAPRIYA V      | /      | /      | /      | /      | /      |
| 16    | II A | 611213104045    | MOWNAPRIYA D       | /      | /      | /      | /      | /      |
| 17    | II A | 611213104302    | ARULKUMAR K        | /      | /      | /      | /      | /      |
| 18    | II A | 611213104303    | BALAJI H.S.        | /      | /      | /      | /      | /      |
| 19    | II A | 611213104307    | NAVEEN GUPTHA H    | /      | /      | /      | /      | /      |
| 20    | II B | 611213104049    | NIRANCHANA S       | /      | /      | /      | /      | /      |
| 21    | II B | 611213104053    | POOVARASAN G       | /      | /      | /      | /      | /      |
| 22    | II B | 611213104055    | PRAKALYA M         | /      | /      | /      | /      | /      |
| 23    | II B | 611213104060    | RENUKADEVI S       | /      | /      | /      | /      | /      |
| 24    | II B | 611213104063    | SAI DHARSAN P      | /      | /      | /      | /      | /      |
| 25    | II B | 611213104066    | SANGEETHA D        | /      | /      | a      | /      | /      |
| 26    | II B | 611213104068    | SANTHIYA V         | /      | /      | /      | /      | /      |
| 27    | II B | 611213104069    | SARAVANAN R        | /      | /      | /      | /      | /      |
| 28    | II B | 611213104071    | SHANMATHI A        | /      | /      | /      | /      | /      |
| 29    | II B | 611213104073    | SHRI INDUMATHI A K | /      | /      | /      | /      | /      |
| 30    | II B | 611213104076    | SNEHA R            | /      | /      | /      | /      | /      |

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

|                        |      |              |                 |    |    |    |    |    |
|------------------------|------|--------------|-----------------|----|----|----|----|----|
| 31                     | II B | 611213104080 | SURESH KUMAR R  | /  | /  | /  | /  | /  |
| 32                     | II B | 611213104081 | SWATHI SRI M    | /  | /  | /  | /  | /  |
| 33                     | II B | 611213104085 | VANITHA RANI N  | /  | /  | /  | /  | /  |
| 34                     | II B | 611213104086 | VASANTH N       | /  | /  | 0  | /  | /  |
| 35                     | II B | 611213104088 | VETHA VARSHA S  | /  | /  | /  | /  | /  |
| 36                     | II B | 611213104089 | VICKY A L       | /  | /  | /  | /  | /  |
| 37                     | II B | 611213104091 | VIGNESWARAN R J | /  | /  | /  | /  | /  |
| 38                     | II B | 611213104092 | VIJAYAKUMAR M   | /  | /  | /  | /  | /  |
| 39                     | II B | 611213104311 | PRITHIVIRAJ G   | /  | /  | /  | /  | /  |
| 40                     | II B | 611213104701 | POORNIMA U      | /  | /  | /  | /  | /  |
| NO OF STUDENTS PRESENT |      |              |                 | 40 | 40 | 38 | 39 | 39 |
| NO OF STUDENTS ABSENT  |      |              |                 | -  | -  | 2  | 1  | 1  |

P. V. Srinivas  
Faculty Incharge

*Pm*

*V. Srinivas*  
HOD



KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Design and System Programming - Veekan Technologies

05.01.2015 - 09.01.2015 | Assessment Report

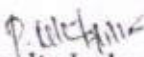
| Sl.No | Year | Register Number | Student Name       | Final Assessment % |
|-------|------|-----------------|--------------------|--------------------|
| 1     | II A | 611213104001    | ABHINAYA HARINI NM | 75                 |
| 2     | II A | 611213104004    | ANANTHI S          | 85                 |
| 3     | II A | 611213104014    | GOKILA M           | 77                 |
| 4     | II A | 611213104015    | GOKILA R           | 76                 |
| 5     | II A | 611213104017    | GOMATHI G          | 79                 |
| 6     | II A | 611213104022    | HARIJOTHI J        | 71                 |
| 7     | II A | 611213104030    | KALAIYARASI G      | 73                 |
| 8     | II A | 611213104031    | KARTHIKA M         | 65                 |
| 9     | II A | 611213104033    | KAUSALYA S P       | 76                 |
| 10    | II A | 611213104035    | KOKILA D           | 81                 |
| 11    | II A | 611213104036    | KUPPULAKSHMI A R   | 65                 |
| 12    | II A | 611213104037    | LOGANAPRIYA S      | 81                 |
| 13    | II A | 611213104038    | MANI BHARATHI S    | 82                 |
| 14    | II A | 611213104042    | MEYYAZHAGAN E      | 70                 |
| 15    | II A | 611213104043    | MOHANAPRIYA V      | 70                 |
| 16    | II A | 611213104045    | MOWNAPRIYA D       | 65                 |
| 17    | II A | 611213104302    | ARULKUMAR K        | 77                 |
| 18    | II A | 611213104303    | BALAJI H.S.        | 82                 |
| 19    | II A | 611213104307    | NAVEEN GUPTHA H    | 74                 |
| 20    | II B | 611213104049    | NIRANCHANA S       | 73                 |
| 21    | II B | 611213104053    | POOVARASAN G       | 84                 |
| 22    | II B | 611213104055    | PRAKALYA M         | 86                 |
| 23    | II B | 611213104060    | RENUKADEVI S       | 72                 |
| 24    | II B | 611213104063    | SAI DHARSAN P      | 79                 |
| 25    | II B | 611213104066    | SANGEETHA D        | 87                 |
| 26    | II B | 611213104068    | SANTHIYA V         | 77                 |
| 27    | II B | 611213104069    | SARAVANAN R        | 75                 |
| 28    | II B | 611213104071    | SHANMATHI A        | 82                 |
| 29    | II B | 611213104073    | SHRI INDUMATHI A K | 69                 |
| 30    | II B | 611213104076    | SNEHA R            | 77                 |

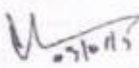
  
Principal,


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

|    |      |              |                 |    |
|----|------|--------------|-----------------|----|
| 31 | II B | 611213104080 | SURESH KUMAR R  | 67 |
| 32 | II B | 611213104081 | SWATHI SRI M    | 63 |
| 33 | II B | 611213104085 | VANITHA RANI N  | 63 |
| 34 | II B | 611213104086 | VASANTH N       | 68 |
| 35 | II B | 611213104088 | VETHA VARSHA S  | 67 |
| 36 | II B | 611213104089 | VICKY A L       | 82 |
| 37 | II B | 611213104091 | VIGNESWARAN R J | 82 |
| 38 | II B | 611213104092 | VIJAYAKUMAR M   | 85 |
| 39 | II B | 611213104311 | PRITHIVIRAJ G   | 86 |
| 40 | II B | 611213104701 | POORNIMA U      | 84 |

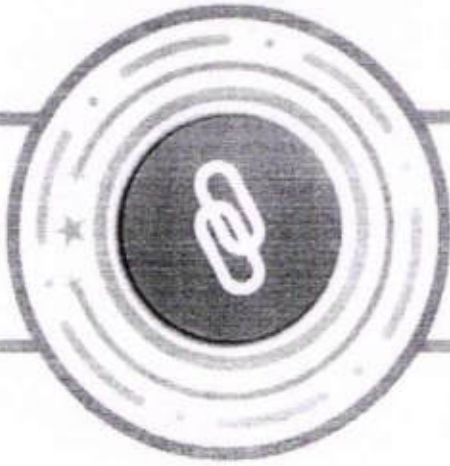
\*\*Max Marks - 100 | Min Marks - 60

  
Faculty Incharge

  
HOD

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





# CERTIFICATE OF COMPLETION

PRESENTED TO

**SHANMATHI A**

For the Successful Completion of Certificate Course on  
**Design and System  
Programming**

Course Duration: **05.01.2015 - 09.01.2015**

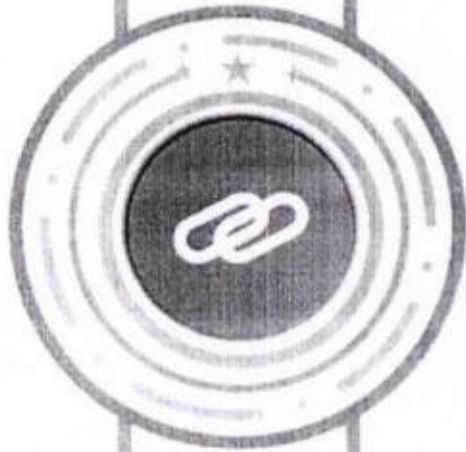
Principal,  
Knowledge Institute of Technology,  
Kakabatlavam (Po), Salem-537

Program director

*Veekan Technologies*

2nd Main Road, Indira Nagar,  
Adyar, Chennai - 600020





# CERTIFICATE OF COMPLETION

PRESENTED TO

**SHRI INDUMATHI A K**

For the Successful Completion of Certificate Course on

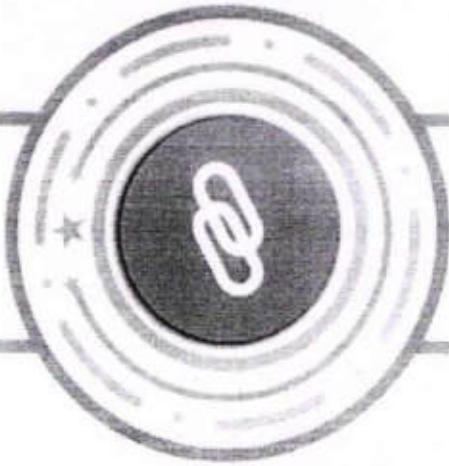
**Design and System  
Programming**

Course Duration: **05.01.2015 - 09.01.2015**

*Pm*  
Principal,  
Knowledge Institute of Technology  
Kakosalavam (Po), Salem-637 504

*Julia*  
Program director

*Veekan Technologies*  
2nd Main Road, Indira Nagar,  
Adyar, Chennai - 600020



# CERTIFICATE OF COMPLETION

PRESENTED TO

**SNEHA R**

For the Successful Completion of Certificate Course on  
**Design and System  
Programming**

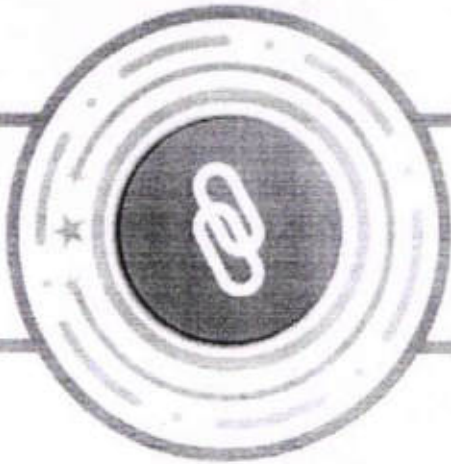
Course Duration: **05.01.2015 - 09.01.2015**

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

Program director

*Veekan Technologies*  
2nd Main Road, Indira Nagar,  
Adyar, Chennai - 600020





# CERTIFICATE OF COMPLETION

PRESENTED TO

**SURESH KUMAR R**

For the Successful Completion of Certificate Course on  
**Design and System  
Programming**

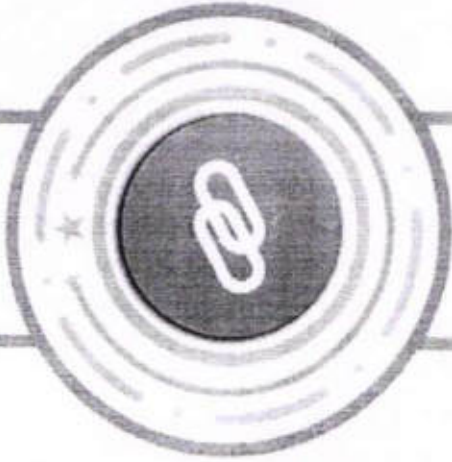
Course Duration: **05.01.2015 - 09.01.2015**

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

**SWATHI SRI M**

For the Successful Completion of Certificate Course on  
**Design and System  
Programming**

Course Duration: **05.01.2015 - 09.01.2015**

  
Principal,  
Knowledge Institute of Technology  
Kakapalayam (Po), Salem-637 5.



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: Gomathi G

Course Title: Design and system programming

Year/Sem: II / 04

Dept : CSE

Date: 09.01.2015

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

Gained more knowledge

Suggestions for improvement:

Principal,

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

Gomathi 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: Prakalya.M

Course Title: Design and System Programming

Year/ Sem: II/IV

Dept : CSE

Date: 9.1.15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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.

Suggestions for improvement:

Principal,

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

Prakalya.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: Balaji H S

Course Title: Design and System programming

Year/ Sem: 11/IV

Dept : CSE

Date: 9.1.15

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

Overall good experience and Explanation talk.

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: Sheha . R

Course Title: Design and system programming

Year/ Sem: II / IV

Dept : CSE

Date: 09.01.2015

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

Gained lot of exposure in Real time applications

### 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: Vicky etl

Course Title: Design and System programming

Year/ Sem: 1/1w

Dept : CSE

Date: 9.1.2015

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 examples and explanation.

Suggestions for improvement:

pm

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

Vicky etl  
(Signature of the student)





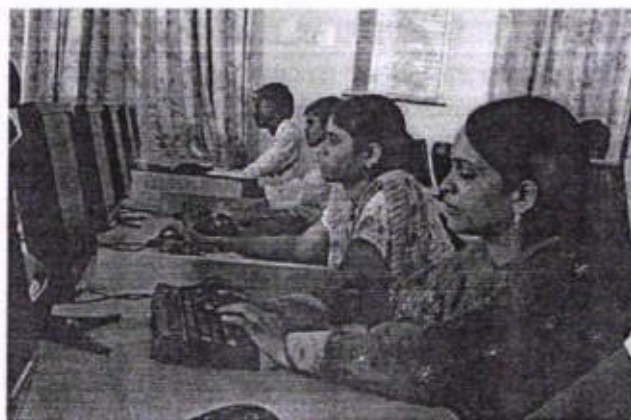
**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM – 637 504**

Department of Computer Science and Engineering

**REPORT OF THE EVENT**

|              |                            |                            |                                                              |
|--------------|----------------------------|----------------------------|--------------------------------------------------------------|
| <b>Date</b>  | 19.08.2014 -<br>30.08.2014 | <b>Resource person</b>     | Prof.T.Karthikeyan, Asst. Professor,<br>Dept of CSE          |
| <b>Time</b>  | 9.00am – 5.00pm            | <b>Title</b>               | Database Design and Programming with SQL<br>using Oracle WDP |
| <b>Venue</b> | CC11, 12                   | <b>No. of Participants</b> | <b>52</b>                                                    |

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.



  
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, build 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

*PM*



- 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



05.08.2014  
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 19.08.2014 -30.08.2014 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<br>19.08.2014 -30.08.2014<br>& 9.00am - 5.00pm | Prof.T.Karthikeyan,<br>Assistant Professor,<br>Department of Computer<br>Science and Engineering |

Thank you,



Yours truly,

P. Nilakantan



HOD/CSE



PRINCIPAL



# KNOWLEDGE INSTITUTE OF TECHNOLOGY

SALEM - 637 504

## Department of Computer Science and Engineering

|                     |                                                                                       |      |            |
|---------------------|---------------------------------------------------------------------------------------|------|------------|
| Circular No.        | 2014/CC/ODD/03                                                                        | Date | 12.08.2014 |
| 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<br>19.08.2014 -30.08.2014<br>& 9.00am - 5.00pm | Prof.T.Karthikeyan,<br>Assistant Professor,<br>Department of Computer<br>Science and Engineering |

Course Incharge: Prof. P.Malarvizhi, Assistant Professor/CSE

*P. Malarvizhi*  
FACULTY INCHARGE

*M. Karthikeyan*  
HOD/CSE

*[Signature]*  
PRINCIPAL

| MECH | CIVIL | EEE | ECE | CSE | S&H | PD | LIB | AO | Transport I/C | Hostel NB | Residential Warden | College NB | Office/ File | Class Circulation |
|------|-------|-----|-----|-----|-----|----|-----|----|---------------|-----------|--------------------|------------|--------------|-------------------|
| *    | *     | *   | *   | *   | *   |    | *   |    |               | *         |                    | *          | *            | *                 |
|      |       |     |     |     |     |    |     |    |               |           |                    |            |              |                   |

*[Signature]*  
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

19.08.2014 -30.08.2014

Enrolled Student NameList

| Sl.No | Year | Register Number | Student Name          |
|-------|------|-----------------|-----------------------|
| 1     | IV A | 611211104002    | ALMAS.M               |
| 2     | IV A | 611211104005    | BALACHANDER. M        |
| 3     | IV A | 611211104008    | BHARATH KUMAR.A       |
| 4     | IV A | 611211104010    | BHUVANESWARI.K        |
| 5     | IV A | 611211104014    | DINESHKUMAR.R         |
| 6     | IV A | 611211104015    | DIVYA.D               |
| 7     | IV A | 611211104020    | GNANASEKARAN.A        |
| 8     | IV A | 611211104021    | GOKILAPRIYA.T         |
| 9     | IV A | 611211104027    | KANDAKRISHNAN.S       |
| 10    | IV A | 611211104028    | KARTHICK.Y            |
| 11    | IV A | 611211104030    | KARTHIKA.C            |
| 12    | IV A | 611211104036    | KEERTHANAS            |
| 13    | IV A | 611211104038    | KIRUTHIKA.C           |
| 14    | IV A | 611211104039    | KISHORE KUMAR.R       |
| 15    | IV A | 611211104041    | KRIJA. V              |
| 16    | IV A | 611211104045    | KUPPURAJS             |
| 17    | IV A | 611211104046    | LOGANATHAN.M          |
| 18    | IV A | 611211104050    | MALLIGESWARI.P        |
| 19    | IV A | 611211104051    | MANAZAHMED.M          |
| 20    | IV A | 611211104053    | MANOVIGNESH.R         |
| 21    | IV B | 611211104054    | MENAGADEVLR           |
| 22    | IV B | 611211104056    | MOHANAPRIYA.M         |
| 23    | IV B | 611211104057    | MONISHA.B             |
| 24    | IV B | 611211104059    | NAGARAJ.T             |
| 25    | IV B | 611211104061    | NARENDHIRA PIRASATH.S |
| 26    | IV B | 611211104062    | NITHYAS               |
| 27    | IV B | 611211104063    | NIVEDHA.V             |

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



|    |      |              |                   |
|----|------|--------------|-------------------|
| 28 | IV B | 611211104064 | PADMA LAKSHMIS    |
| 29 | IV B | 611211104065 | PAVITHRA.A        |
| 30 | IV B | 611211104066 | POORNIMA.A        |
| 31 | IV B | 611211104068 | PRASANTH.R        |
| 32 | IV B | 611211104070 | PREMKUMAR.R       |
| 33 | IV B | 611211104071 | RAMSURATHKUMAR.S  |
| 34 | IV B | 611211104073 | RATHINAKRITHIKA.M |
| 35 | IV B | 611211104074 | RAVIKUMAR.M       |
| 36 | IV B | 611211104077 | SANGEETHA.M       |
| 37 | IV B | 611211104079 | SANTHIYA.T        |
| 38 | IV B | 611211104080 | SARAVANARAJ.P     |
| 39 | IV B | 611211104081 | SATHEESH.P        |
| 40 | IV B | 611211104082 | SATHISH KUMAR.R   |
| 41 | IV B | 611211104085 | SHARMILADEVI.M    |
| 42 | IV B | 611211104087 | SOMU.G            |
| 43 | IV B | 611211104088 | SOUNDAPPAN.A      |
| 44 | IV B | 611211104090 | SOWNTHARYA. A     |
| 45 | IV B | 611211104094 | SUDHA.N           |
| 46 | IV B | 611211104095 | SUDHAKAR.A        |
| 47 | IV B | 611211104096 | SURYAKUMAR.J      |
| 48 | IV B | 611211104099 | THIRUMURUGAN.N    |
| 49 | IV B | 611211104301 | BAVANIS           |
| 50 | IV B | 611211104304 | PRADEEP.S         |
| 51 | IV B | 611211104305 | RAMESH.N          |
| 52 | IV B | 611211104306 | SURENDER.C        |

P. M. J. Jolly  
Faculty Incharge

P.M.

19/05/24  
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                           |

*P. All*  
Faculty Incharge

*P. m*

*V. Est*  
HOD

KNOWLEDGE INSITTE OF TECHNOLOGY,SALEM-637504

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Database Design and Programming with SQL using Oracle WDP

19.08.2014 - 30.08.2014 | Course Attendance

| Sl.No | Year | Register Number | Student Name          | 19.8.14 | 20.8.14 | 21.8.14 | 22.8.14 | 23.8.14 | 24.8.14 | 25.8.14 | 26.8.14 | 27.8.14 | 28.8.14 | 29.8.14 | 30.8.14 |
|-------|------|-----------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1     | IV A | 611211104002    | ALMAS.M               | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 2     | IV A | 611211104005    | BALACHANDER. M        | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 3     | IV A | 611211104008    | BHARATH KUMAR.A       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 4     | IV A | 611211104010    | BHUVANESWARL.K        | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 5     | IV A | 611211104014    | DINESHKUMAR.R         | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 6     | IV A | 611211104015    | DIVYA.D               | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 7     | IV A | 611211104020    | GNANASEKARAN.A        | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 8     | IV A | 611211104021    | GOKILAPRIYA.T         | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 9     | IV A | 611211104027    | KANDAKRISHNAN.S       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 10    | IV A | 611211104028    | KARTHICK.Y            | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 11    | IV A | 611211104030    | KARTHIKA.C            | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 12    | IV A | 611211104036    | KEERTHANAS            | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 13    | IV A | 611211104038    | KIRUTHIKA.C           | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 14    | IV A | 611211104039    | KISHORE KUMAR.R       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 15    | IV A | 611211104041    | KRIJA. V              | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 16    | IV A | 611211104045    | KUPPURAJS             | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 17    | IV A | 611211104046    | LOGANATHAN.M          | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 18    | IV A | 611211104050    | MALLIGESWARI.P        | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 19    | IV A | 611211104051    | MANAZAHMED.M          | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 20    | IV A | 611211104053    | MANOVIGNESH.R         | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 21    | IV B | 611211104054    | MENAGADEVL.R          | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 22    | IV B | 611211104056    | MOHANAPRIYA.M         | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 23    | IV B | 611211104057    | MONISHA.B             | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 24    | IV B | 611211104059    | NAGARAJ.T             | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 25    | IV B | 611211104061    | NARENDHIRA PIRASATH.S | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 26    | IV B | 611211104062    | NITHYA.S              | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 27    | IV B | 611211104063    | NIVEDHA.V             | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 28    | IV B | 611211104064    | PADMA LAKSHMIS        | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 29    | IV B | 611211104065    | PAVITHRA.A            | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 30    | IV B | 611211104066    | POORNIMA.A            | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 31    | IV B | 611211104068    | PRASANTH.R            | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 32    | IV B | 611211104070    | PREMKUMAR.R           | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 33    | IV B | 611211104071    | RAMSURATHKUMAR.S      | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 34    | IV B | 611211104073    | RATHINAKRITHIKA.M     | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |
| 35    | IV B | 611211104074    | RAVIKUMAR.M           | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       | /       |

*PM*

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Knowledge Institute of Technology,  
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|                        |      |              |                 |    |    |    |    |    |    |    |    |    |    |
|------------------------|------|--------------|-----------------|----|----|----|----|----|----|----|----|----|----|
| 36                     | IV B | 611211104077 | SANGEETHA.M     | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 37                     | IV B | 611211104079 | SANTHIYA.T      | /  | /  | /  | /  | /  | /  | /  | /  | a  | /  |
| 38                     | IV B | 611211104080 | SARAVANARAJ.P   | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 39                     | IV B | 611211104081 | SATHEESH.P      | /  | /  | a  | /  | /  | /  | /  | /  | /  | /  |
| 40                     | IV B | 611211104082 | SATHISH KUMAR.R | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 41                     | IV B | 611211104085 | SHARMILADEVI.M  | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 42                     | IV B | 611211104087 | SOMU.G          | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 43                     | IV B | 611211104088 | SOUNDAPPAN.A    | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 44                     | IV B | 611211104090 | SOWNTHARYA. A   | /  | /  | /  | /  | /  | /  | /  | /  | a  | /  |
| 45                     | IV B | 611211104094 | SUDHA.N         | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 46                     | IV B | 611211104095 | SUDHAKARA       | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 47                     | IV B | 611211104096 | SURYAKUMAR.J    | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 48                     | IV B | 611211104099 | THIRUMURUGAN.N  | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 49                     | IV B | 611211104301 | BAVANIS         | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 50                     | IV B | 611211104304 | PRADEEP.S       | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 51                     | IV B | 611211104305 | RAMESH.N        | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| 52                     | IV B | 611211104306 | SURENDER.C      | /  | /  | /  | /  | /  | /  | /  | /  | /  | /  |
| NO OF Students Present |      |              |                 | 52 | 51 | 51 | 52 | 52 | 52 | 51 | 52 | 52 | 52 |
| NO OF Students Absent  |      |              |                 | -  | 1  | 1  | -  | -  | -  | 1  | -  | -  | -  |

P. M. S. Faculty Incharge

HOD

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Database Design and Programming with SQL using Oracle WDP

02.09.2014 | Assessment Report

| Sl.No | Year | Register Number | Student Name          | Final Assessment % |
|-------|------|-----------------|-----------------------|--------------------|
| 1     | IV A | 611211104002    | ALMAS.M               | 64                 |
| 2     | IV A | 611211104005    | BALACHANDER. M        | 63                 |
| 3     | IV A | 611211104008    | BHARATH KUMAR.A       | 69                 |
| 4     | IV A | 611211104010    | BHUVANESWARI.K        | 79                 |
| 5     | IV A | 611211104014    | DINESHKUMAR.R         | 75                 |
| 6     | IV A | 611211104015    | DIVYA.D               | 71                 |
| 7     | IV A | 611211104020    | GNANASEKARAN.A        | 69                 |
| 8     | IV A | 611211104021    | GOKILAPRIYA.T         | 76                 |
| 9     | IV A | 611211104027    | KANDAKRISHNAN.S       | 73                 |
| 10    | IV A | 611211104028    | KARTHICK.Y            | 79                 |
| 11    | IV A | 611211104030    | KARTHIKA.C            | 69                 |
| 12    | IV A | 611211104036    | KEERTHANA.S           | 74                 |
| 13    | IV A | 611211104038    | KIRUTHIKA.C           | 86                 |
| 14    | IV A | 611211104039    | KISHORE KUMAR.R       | 61                 |
| 15    | IV A | 611211104041    | KRIJA. V              | 80                 |
| 16    | IV A | 611211104045    | KUPPURAJS             | 80                 |
| 17    | IV A | 611211104046    | LOGANATHAN.M          | 64                 |
| 18    | IV A | 611211104050    | MALLIGESWARI.P        | 82                 |
| 19    | IV A | 611211104051    | MANAZAHMED.M          | 60                 |
| 20    | IV A | 611211104053    | MANOVIGNESH.R         | 56                 |
| 21    | IV B | 611211104054    | MENAGADEVI.R          | 78                 |
| 22    | IV B | 611211104056    | MOHANAPRIYA.M         | 54                 |
| 23    | IV B | 611211104057    | MONISHA.B             | 64                 |
| 24    | IV B | 611211104059    | NAGARAJ.T             | 78                 |
| 25    | IV B | 611211104061    | NARENDHIRA PIRASATH.S | 63                 |
| 26    | IV B | 611211104062    | NITHYA.S              | 69                 |
| 27    | IV B | 611211104063    | NIVEDHA.V             | 76                 |
| 28    | IV B | 611211104064    | PADMA LAKSHMI.S       | 80                 |
| 29    | IV B | 611211104065    | PAVITHRA.A            | 86                 |
| 30    | IV B | 611211104066    | POORNIMA.A            | 83                 |
| 31    | IV B | 611211104068    | PRASANTH.R            | 87                 |

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|    |      |              |                   |    |
|----|------|--------------|-------------------|----|
| 32 | IV B | 611211104070 | PREMKUMAR.R       | 86 |
| 33 | IV B | 611211104071 | RAMSURATHKUMAR.S  | 66 |
| 34 | IV B | 611211104073 | RATHINAKRITHIKA.M | 84 |
| 35 | IV B | 611211104074 | RAVIKUMAR.M       | 66 |
| 36 | IV B | 611211104077 | SANGEETHA.M       | 84 |
| 37 | IV B | 611211104079 | SANTHIYA.T        | 58 |
| 38 | IV B | 611211104080 | SARAVANARAJ.P     | 77 |
| 39 | IV B | 611211104081 | SATHEESH.P        | 53 |
| 40 | IV B | 611211104082 | SATHISH KUMAR.R   | 56 |
| 41 | IV B | 611211104085 | SHARMILADEVI.M    | 79 |
| 42 | IV B | 611211104087 | SOMU.G            | 77 |
| 43 | IV B | 611211104088 | SOUNDAPPAN.A      | 57 |
| 44 | IV B | 611211104090 | SOWNTHARYA. A     | 54 |
| 45 | IV B | 611211104094 | SUDHA.N           | 65 |
| 46 | IV B | 611211104095 | SUDHAKAR.A        | 55 |
| 47 | IV B | 611211104096 | SURYAKUMAR.J      | 76 |
| 48 | IV B | 611211104099 | THIRUMURUGAN.N    | 79 |
| 49 | IV B | 611211104301 | BAVANIS           | 64 |
| 50 | IV B | 611211104304 | PRADEEP.S         | 76 |
| 51 | IV B | 611211104305 | RAMESH.N          | 78 |
| 52 | IV B | 611211104306 | SURENDER.C        | 70 |

\*\*Max Marks - 100 | Min Marks - 60

*P. V. J.*  
2/9/14  
Faculty Incharge

*U.*  
2/9/14  
HOD

*Pm*  
Principal,  
Knowledge Institute of Technology  
Kakopalayam (Po), Salem-637 504



ORACLE

Workforce  
Development Partner

# AWARD *of* ACHIEVEMENT

PRESENTED TO

**DINESHKUMAR.R**

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

**Database Design and Programming with SQL**

FINAL EXAM

02.09.2014



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Oracle Academy Instructor



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Knowledge Institute of Technology  
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Development Partner

# AWARD *of* ACHIEVEMENT

PRESENTED TO

DIVYA.D

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

02.09.2014



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Oracle Academy Instructor



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# AWARD *of* ACHIEVEMENT

PRESENTED TO

**GNANASEKARAN.A**

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

**Database Design and Programming with SQL**

FINAL EXAM

02.09.2014



---

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# AWARD *of* ACHIEVEMENT

PRESENTED TO

GOKILAPRIYA.T

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

02.09.2014



---

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# AWARD *of* ACHIEVEMENT

PRESENTED TO

KANDAKRISHNAN.S

FOR SUCCESSFULLY COMPLETING THE ORACLE WDP

Database Design and Programming with SQL

FINAL EXAM

02.09.2014



---

Oracle Academy Instructor



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Kakapelavam (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: Monisha . B

Course Title: Database Design and programming with sql using Oracle  
wdp

Year/Sem: IV / OT

Dept : CSE

Date: 30-08-2019

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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 Gain more programming knowledge related to the database

Suggestions for improvement:

Need more hours of training

*Pm*

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

*Monisha*

(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: RAVIKUMAR . M

Course Title: DATABASE DESIGN AND PROGRAMMING WITH RDB USING ORACLE 11G

Year/ Sem: IV / 07

Dept : CSE

Date: 20-08-2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

\* WORK WITH ORACLE  
\* EXECUTE QUERIES

Suggestions for improvement:



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RAVIKUMAR . 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: karthick . y

Course Title: database design and programming with sql using oracle 11g

Year/ Sem: IV / 07

Dept : CSE

Date: 30.08.2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

\* work with backend queries

\* had more example based learning

Suggestions for improvement:

Rm

Principal,

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

Karthick . y

(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: Nithya S

Course Title: Database design and programming with SQL using Oracle WAP

Year/Sem: IV / 07

Dept : CSE

Date: 30/8/14

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

Gained more programming tricks.

Suggestions for improvement:

Need more clarity in explanation.

PM

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Nithya 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: Divya D

Course Title: Database design and programming with SQL using Oracle wc

Year/Sem: IV / 07

Dept : CSE

Date: 30/8/2014

| Parameters                                | Please Tick mark on the appropriate box |             |                     |             |                  |
|-------------------------------------------|-----------------------------------------|-------------|---------------------|-------------|------------------|
|                                           | Excellent<br>(5)                        | Good<br>(4) | Satisfactory<br>(3) | Poor<br>(2) | Very Poor<br>(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:

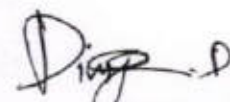
Good and easy to understand.  
Gained more knowledge.

Suggestions for improvement:



Principal,

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



(Signature of the student)

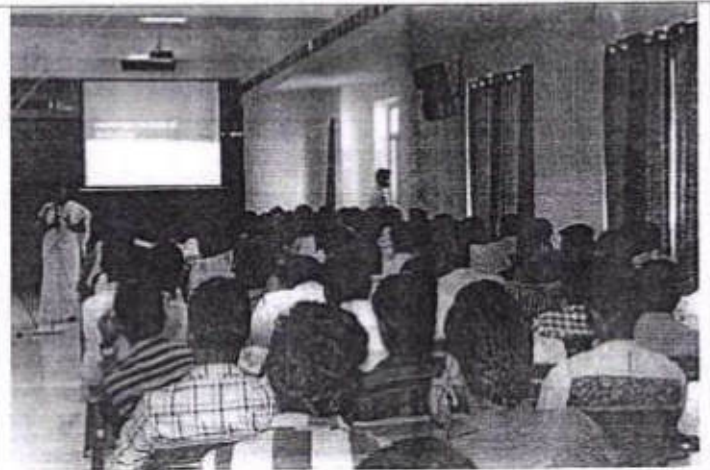
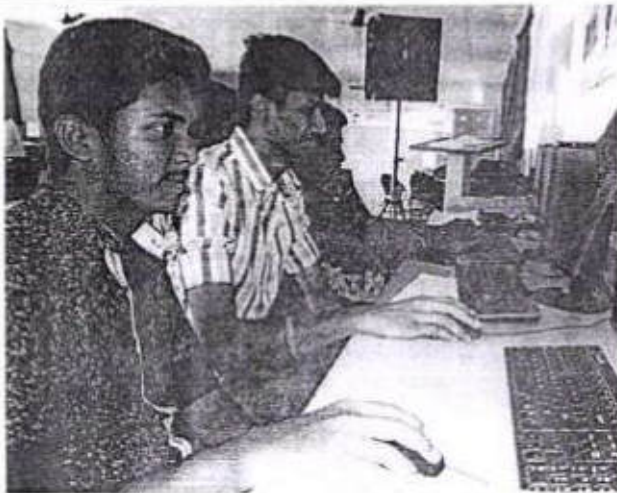


**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-  
637504  
DEPARTMENT OF CIVIL ENGINEERING**


**REPORT OF THE EVENT**

|              |                           |                            |                                                                                              |
|--------------|---------------------------|----------------------------|----------------------------------------------------------------------------------------------|
| <b>Date</b>  | : 03.07.14 to 14.07.14    | <b>Resource person</b>     | : Mr. Uma Shankar,<br>Assistant Professor,<br>Dept of Civil Engg., KIOT.                     |
| <b>Time</b>  | : 09.00 a.m to 1.00 p.m   | <b>Title</b>               | : Certification Course on "Architectural<br>Design of buildings using Revit<br>Architecture" |
| <b>Venue</b> | : CC10,<br>D-Block, KIOT. | <b>No. of Participants</b> | : 35                                                                                         |

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

  
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 Sakthiyaravathi Road, Salem-637504  
 Knowledge Institute of Technology,  
 Sakthiyaravathi Road, Salem-637504

**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504**

**CIRCULAR**

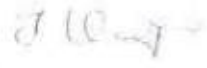


|                     |                                                                                                 |             |            |
|---------------------|-------------------------------------------------------------------------------------------------|-------------|------------|
| <b>Circular No.</b> | CIVIL/CC/2014-15/01                                                                             | <b>Date</b> | 01.07.2014 |
| <b>To</b>           | All HODs, Faculty members & Students                                                            |             |            |
| <b>Subject</b>      | Certification Course on <b>Architectural Design of buildings using Revit Architecture</b> -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**

| <b>Date</b>                | <b>Session</b>                  | <b>Venue</b> | <b>Topic</b>                                                                                  | <b>Resource Person</b>                                                          |
|----------------------------|---------------------------------|--------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 03.07.14<br>to<br>14.07.14 | FN<br>(09.00 am to<br>01.00 pm) | CC10         | Certification Course on<br>"Architectural Design<br>of buildings using<br>Revit Architecture" | <b>Mr. Uma Shankar,</b><br>Assistant Professor,<br>Dept of Civil Engg.<br>KIOT. |

**Co-ordinators :** 1. Mrs.J.Vidhya Nandhini - 8508609672

|                                                                                                                   |                                                                                                         |                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <br><b>Course co-ordinator</b> | <br><b>HOD/Civil</b> | <br><b>PRINCIPAL</b> |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|

| MECH | VP Office | CIVIL | EEE | ECE | CSE | S&H | PD | PAT | AO | Transport IC | Hostel NB | Director / Training | Director / Placement | Residential Warden | College NB | Office / File | Class Circulation |
|------|-----------|-------|-----|-----|-----|-----|----|-----|----|--------------|-----------|---------------------|----------------------|--------------------|------------|---------------|-------------------|
| *    | *         | *     | *   | *   | *   | *   |    | *   |    |              | *         | *                   | *                    |                    | *          | *             | *                 |

  
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 Akapalayam (PO), Salem - 637 504



# Certificate Course

on

## Architectural Design of buildings using Revit

### Architecture

03.07.2014 to 14.07.2014



*Pursuing Knowledge*

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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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).

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For Registration kindly Contact:

Mrs. J. Vidhya Nandhini/AP/Civil,

M: 85086 09672,

Mail: jvncivil@kiot.ac.in

From

04/06/2014, 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.**

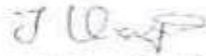
We have planned to conduct certification course on "ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE" from 03.07.2014 to 14.07.2014 for a period of 10 days with the duration of 40 hours. It will be helpful for our II Year Civil Engineering students through which they can enrich their knowledge 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<br>USING REVIT ARCHITECTURE                        |
| Company/ Resource Person            | Mr. K.UmaShankar,<br>Assistant professor/CIVIL,<br>Knowledge Institute of Technology |
| Total Number of Students Registered | 35 Nos.                                                                              |

Thank you sir

Yours truly,

  
(J.Vidhya Nandhini)

  
HOD/CIVIL

  
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Akapalayam (EC), Salem - 637 504.


  
PRINCIPAL



**KNOWLEDGE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING  
REGISTERED STUDENTS FOR CERTIFICATION COURSE**

The following students have been registered for the various certification courses conducted by the department of Civil engineering for the AY 2014-15

| S.No | Register No. | Name of the student | Name of the certificate courses                               | Start Date | End Date   | Duration<br>Hrs (10<br>Days) |
|------|--------------|---------------------|---------------------------------------------------------------|------------|------------|------------------------------|
| 1    | 611213103001 | AJITHKUMAR. S       | Architectural Design of Buildings using<br>Revit Architecture | 03-07-2014 | 14-07-2014 | 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 RAJA          |                                                               |            |            |                              |
| 19   | 611213103021 | GOWTHAM.S           |                                                               |            |            |                              |
| 20   | 611213103022 | KALAI SELVAN. K     |                                                               |            |            |                              |

  
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| S.No | Register No  | Name of the student | Name of the certificate courses                               | Start Date | End Date   | Duration<br>Hrs (10<br>Days) |
|------|--------------|---------------------|---------------------------------------------------------------|------------|------------|------------------------------|
| 21   | 611213103023 | KANAGARAJ. S        | Architectural Design of Buildings using<br>Revit Architecture | 03-07-2014 | 14-07-2014 | 40                           |
| 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        |                                                               |            |            |                              |

P.M.S.S.T.

HOD/CIVIL




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Sankarapalayam (K.T) Sakthi 637-504

**KNOWLEDGE INSTITUTE OF TECHNOLOGY**

Department of Civil Engineering

**Course Plan**

| Name of the Course        | <b>Architectural Design of Building using Revit Architecture</b>                      | Semester            | 03       |
|---------------------------|---------------------------------------------------------------------------------------|---------------------|----------|
| Level-1 Module            | 08                                                                                    | Number of Hours     | 40 hours |
| <b>EXECUTION SCHEDULE</b> |                                                                                       |                     |          |
| <b>Module No.</b>         | <b>Name of the Module LEVEL 1</b>                                                     | <b>No. of Hours</b> |          |
| 1                         | Introduction to <b>Revit Architecture</b> -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<br><br>Rendering works                                             | 04                  |          |

  
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| Detailed Execution Plan                                                 |                                                                                                                |                |                 |                  |                        |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------|-----------------|------------------|------------------------|
| Name of the Course Module: 1. Introduction to <b>Revit Architecture</b> |                                                                                                                |                |                 |                  |                        |
| Duration: 04 hours                                                      |                                                                                                                |                |                 |                  |                        |
| Module No.                                                              | Name of the Module                                                                                             | Teaching Hours | Practical Hours | Self-Study Hours | Course Plan (Day wise) |
| 1                                                                       | Introduction About <b>Revit Architecture</b> , History of <b>Revit Architecture</b> , 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 <b>Revit Architecture</b> - 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)<br>Structural Construction Site (hand scope works)<br>View (creating camera views) | 2              | 2               | -                | Day 7                  |

  
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 Sakapalayam (PO) Salem - 637 509

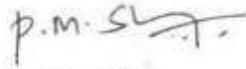
Detailed Execution Plan


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<br>Rendering works (exterior @ interior), Interior living, Interior Kids- Walk through works - Settings works, printing options (Export and Import) | 2              | 2               | -                | Day 8                  |

  
FACULTY /c

  
HOD CIVIL.

  
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K. K. Knowledge Institute of Technology  
Vakapalavam (PO), Salem - 637 512



**KNOWLEDGE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**Course on Architectural Design of Buildings using Revit Architecture**

**ATTENDANCE REPORT**

| S.No                       | Register No  | Name of the student | 03/07/14 | 04/07/14 | 05/07/14 | 06/07/14 | 07/07/14 | 08/07/14 | 09/07/14 | 10/07/14 | 11/07/14 | 12/07/14 | 13/07/14 | 14/07/14 |
|----------------------------|--------------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1                          | 611213103001 | AJITHKUMAR. S       | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 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 | DYANITHIS           | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 13                         | 611213103015 | ESWARRAJ. B         | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 14                         | 611213103016 | GANESHAN            | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 15                         | 611213103017 | GAVIYAA. MA         | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 16                         | 611213103018 | GAYATHRI DEVI. N.R  | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 17                         | 611213103019 | GOKUL M             | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 18                         | 611213103020 | GOKUL RAJ.A         | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 19                         | 611213103021 | GOWTHAMS            | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 20                         | 611213103022 | KALAJ SELVAN. K     | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 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        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| No. of students Present    |              |                     | 33       | 32       | 32       | 31       | 33       | 31       | 32       | 31       | 33       | 33       | 33       | 33       |
| No. of students absent     |              |                     | 02       | 03       | 03       | 04       | 02       | 04       | 03       | 04       | 02       | 02       | 02       | 02       |
| Course - Co-ordinator Sign |              |                     | Jan      | Feb      | Feb      | Jan      | Jan      | Jan      | Jan      | Jan      | Jan      | Jan      | Jan      | Jan      |

P. M. S. S. S.  
 11/07/14

611213103003



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Assessment for course on Architectural Design of Buildings using Revit  
Architecture

- Where are we find the curtain wall?
  - Build Panel
  - Type Property
  - Type Selector
  - Instance Property
- Where can you find the Window option in ribbon palate?
  - Circulation
  - Build
  - Model
  - None of these
- View Cube can be found in the \_\_\_\_\_ View
  - Elevation View
  - Section View
  - Camra View
  - 3d View
- What is the shortkey of Door?
  - DO
  - DOO
  - DA
  - DR
- Define stair sketch method.
  - Stair by sketch
  - Stair by face
  - Stair in component
  - Stair by floor
- What is the Revit project file format?
  - RFA
  - DWG
  - RVT
  - FBX

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11/1/14


*Pm*  
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7. Where is the option Door located in ribbon palate?
- A) Circulation
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10. We typically sketch the shaft on a host element \_\_\_\_\_ view.
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  - 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
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14. How can we create Ceiling?
- A) Ceiling defined by walls
  - B) Sketch inside boundary
  - C) Pick line method
  - D) All above

*Pm*



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
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17. Model Group:Use group when you plan to repeat layout many times in a \_\_\_\_\_
- A) Files
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  - C) family
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19/11/14

  
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- A) Stair by sketch
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- A) RFA
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14/7/14

  
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|                                                                                                                     |                                                  |                                                    |
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14/7/14

*PM*

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*pm*

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15. You Can Collapse the tree by selecting the \_\_\_\_\_ in the Project browser.

- A) -icon
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|                                                                                                              |                                                                      |                                                    |
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**Assessment for course on Architectural Design of Buildings using Revit  
Architecture**

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14/2/20

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Knowledge Institute of Technology  
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*Pursuing Knowledge*

# Certificate

This is to certify that Mr/Ms A.Devan of \_\_\_\_\_  
II year student in academic year 2014 - 2015 has  
 completed / attended the course on Architectural Design of Buildings using  
Revit Architecture during the period from 03.07.14 to 14.07.14  
 at Knowledge Institute of Technology, Salem.

*[Signature]*  
**COURSE**  
**INSTRUCTOR**

*[Signature]*  
**HOD/CIVIL**

*[Signature]*  
**PRINCIPAL**

**PRINCIPAL**  
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*Beyond Knowledge*

# Certificate

This is to certify that Mr/Ms N. Ganeshan of \_\_\_\_\_  
II year student in academic year 2014 - 15 has  
 completed / attended the course on Architectural Design of Buildings using  
Revit Architecture during the period from 02.07.14 to 14.07.14  
 at Knowledge Institute of Technology, Salem.

[Signature]  
**COURSE**  
**INSTRUCTOR**

[Signature]  
**HOD/CIVIL**

[Signature]  
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**PRINCIPAL**  
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 Knowledge Institute # 02, Salem - 637 504





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*Beyond Knowledge*

# Certificate

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II year student in academic year 2014 - 15 has

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Revit Architecture during the period from 03.07.14 to 14.07.14  
at Knowledge Institute of Technology, Salem.

Amal  
COURSE  
INSTRUCTOR

P. H. S. S.  
HOD/CIVIL

[Signature]  
PRINCIPAL

[Signature]  
PRINCIPAL,  
Knowledge Institute of Technology  
Akapalayam (TN) Salem - 637 504



*Beyond Knowledge*

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# Certificate

This is to certify that Mr/Ms M.A. Gaaviya of \_\_\_\_\_  
II year student in academic year 2014-15 has  
completed / attended the course on Architectural Design of Buildings using  
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at Knowledge Institute of Technology, Salem.

*[Signature]*  
**COURSE**  
**INSTRUCTOR**

*[Signature]*

**HOD/CIVIL**

*[Signature]*  
**PRINCIPAL**

Knowledge Institute of Technology  
Kakapalayam (RT), Salem 637 504

*[Signature]*

**PRINCIPAL**





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**DEPARTMENT OF CIVIL ENGINEERING**

*Beyond Knowledge*

# Certificate

This is to certify that Mr/Ms K. Babu of \_\_\_\_\_  
II year student in academic year 2014 - 15 has

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Revit Architecture during the period from 03.07.14 to 14.07.14

at Knowledge Institute of Technology, Salem.

[Signature]  
COURSE  
INSTRUCTOR

**INSTRUCTOR**

[Signature]  
HOD/CIVIL

**HOD/CIVIL**

[Signature]

PRINCIPAL  
Knowledge Institute of Technology  
Karpalayam (PO) Salem - 637 502

[Signature]

**PRINCIPAL**





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DEPARTMENT OF CIVIL ENGINEERING

**FEEDBACK FORM**

**CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE**

Name: M. Gokul

Year/Sem/Sec:

F/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:**

M. Gokul

Pm

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



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DEPARTMENT OF CIVIL ENGINEERING

**FEEDBACK FORM**

**CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE**

Name: B. Elnaray

Year/Sem/Sec:  
2/1/03

| 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:**

clarity of the content delivery is good

B. Elnaray  
**Student Sign:**

  
**PRINCIPAL**  
Knowledge Institute of Technology  
Akopalayam (BE) Salem - 637 500



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DEPARTMENT OF CIVIL ENGINEERING

**FEEDBACK FORM**

**CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE**

Name: *S. Lalitha Sree*

Year/Sem/Sec:

*5/1/1*

| S.No | Feedback Questions                     | Good     | Excellent | Moderate | Need to be improved |
|------|----------------------------------------|----------|-----------|----------|---------------------|
| 1    | Course Content Delivery by the trainer |          | <i>/</i>  |          |                     |
| 2    | Course Material                        |          | <i>/</i>  |          |                     |
| 3    | Clarity of the content delivery        |          |           | <i>/</i> |                     |
| 4    | Hands on training experience           |          | <i>/</i>  |          |                     |
| 5    | Overall experience about the Course    | <i>/</i> |           |          |                     |

**SUGGESTIONS IF ANY:**

*Clarity of the content is moderate*

**Student Sign:**

*S. Lalitha Sree*

*[Signature]*  
PRINCIPAL  
Knowledge Institute of Technology  
Kakapalayam (P.O.) Salem-637-503





**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM**  
DEPARTMENT OF CIVIL ENGINEERING

**FEEDBACK FORM**

**CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE**

Name: *S. Karaganj*

Year/Sem/Sec:  
*II/03*

| S.No | Feedback Questions                     | Good                                | Excellent                           | Moderate | Need to be improved |
|------|----------------------------------------|-------------------------------------|-------------------------------------|----------|---------------------|
| 1    | Course Content Delivery by the trainer | <input checked="" type="checkbox"/> |                                     |          |                     |
| 2    | Course Material                        |                                     | <input checked="" type="checkbox"/> |          |                     |
| 3    | Clarity of the content delivery        | <input checked="" type="checkbox"/> |                                     |          |                     |
| 4    | Hands on training experience           | <input checked="" type="checkbox"/> |                                     |          |                     |
| 5    | Overall experience about the Course    | <input checked="" type="checkbox"/> |                                     |          |                     |

**SUGGESTIONS IF ANY:**

*Course materials are excellent.*

**Student Sign:**

*S. Karaganj*

*PM*  
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KAKABALAYAM (P.O), SALEM - 637 504.



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DEPARTMENT OF CIVIL ENGINEERING

**FEEDBACK FORM**

**CERTIFICATION COURSE ON ARCHITECTURAL DESIGN OF BUILDINGS USING REVIT ARCHITECTURE**

Name: *K. Karthik*

Year/Sem/Sec:  
*11/03*

| S.No | Feedback Questions                     | Good     | Excellent | Moderate | Need to be improved |
|------|----------------------------------------|----------|-----------|----------|---------------------|
| 1    | Course Content Delivery by the trainer | <i>✓</i> |           |          |                     |
| 2    | Course Material                        | <i>✓</i> |           |          |                     |
| 3    | Clarity of the content delivery        | <i>✓</i> |           |          |                     |
| 4    | Hands on training experience           | <i>✓</i> |           |          |                     |
| 5    | Overall experience about the Course    | <i>✓</i> |           |          |                     |

**SUGGESTIONS IF ANY:**

*Overall experience is good*

**Student Sign:**

*Karthik*

*[Signature]*  
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Kopalayam (PO) Salem - 637504

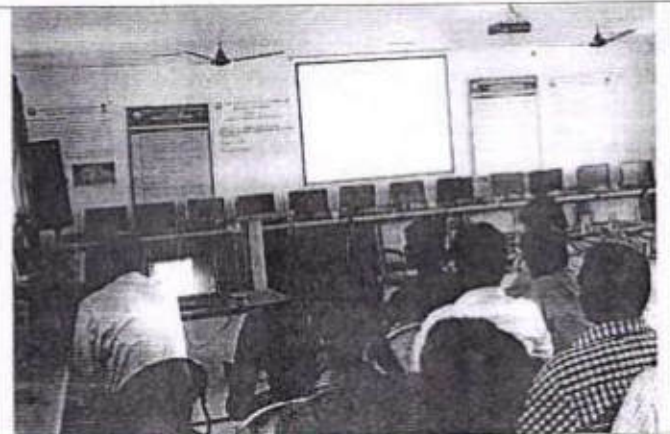


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**DEPARTMENT OF CIVIL ENGINEERING**

**REPORT OF THE EVENT**

|                |                         |                              |                                                                                         |
|----------------|-------------------------|------------------------------|-----------------------------------------------------------------------------------------|
| <b>Date</b> :  | 01.07.14 to 11.07.14    | <b>Resource person</b> :     | T.Prem Kumar,<br>Course Instructor,<br>Cadd square, Salem.                              |
| <b>Time</b> :  | 10.00 am to 02.00 pm    | <b>Title</b> :               | Certification Course on<br><b>3D Modeling of buildings<br/>using<br/>3ds MAX DESIGN</b> |
| <b>Venue</b> : | CC10,<br>D-Block, KIOT. | <b>No. of Participants</b> : | <b>45</b>                                                                               |

1. The veteran trainer shared his long term experiences in the design field and explained the importance of design of building
2. This training gave a clear cut picture of planning and design of building to our students
3. This training has been organized to enhance the standard of fresh civil engineering graduates to become acceptable to the industry.
4. He has given the overall view of the software course and has made student to design the architectural perspective of the building.



Encl: Circular / Brochure / Attendance Sheet

*Pm*  
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 Akapalayam (RTS), Salem- 637 504



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**CIRCULAR**

|                     |                                                                             |             |            |
|---------------------|-----------------------------------------------------------------------------|-------------|------------|
| <b>Circular No.</b> | CIVIL/CC/2014-15 /02                                                        | <b>Date</b> | 27.06.2014 |
| <b>To</b>           | All HODs, Faculty members & Students                                        |             |            |
| <b>Subject</b>      | 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                                                  |
|----------------------------|---------------------------------|-------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|
| 01.07.14<br>to<br>11.07.14 | FN<br>(10.00 am to<br>02.00 pm) | CC10  | Certification Course<br>on<br>"3D Modeling of<br>buildings using<br>3ds MAX design" | Er. T.Prem Kumar<br>Course Instructor.<br>CAD SQUARE<br>Salem-4. |

**Co-ordinators : 1. Mrs.J.Vidhya Nandhini - 8508609672**

*J. Vidhya Nandhini*

**Course co-ordinator**

*[Signature]*

**HOD/Civil**

*[Signature]*

**PRINCIPAL**

| MECH | VP<br>Office | CIVIL | EEE | ECE | CSE | S&H | PD | PAT | AO | Trans-<br>port<br>I/C | Hostel<br>NB | Director<br>/<br>Training | Director /<br>Placement | Residential<br>Warden | College<br>NB | Office / File | Class<br>Circulation |
|------|--------------|-------|-----|-----|-----|-----|----|-----|----|-----------------------|--------------|---------------------------|-------------------------|-----------------------|---------------|---------------|----------------------|
| *    | *            | *     | *   | *   | *   | *   | *  | *   |    | *                     | *            | *                         |                         |                       | *             | *             | *                    |

*[Signature]*

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# Certificate Course

ON

## 3D modelling of Buildings using 3ds MAX DESIGN

01.07.2014 to 11.07.2014



Organized by

Department of Civil Engineering

# KNOWLEDGE

## INSTITUTE OF TECHNOLOGY

KIOT campus, Kakapalayam (P.O), Salem-637 501,

Tamil Nadu, India.

[www.kiot.ac.in](http://www.kiot.ac.in)

### 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 branch 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 1 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 I.I.E.D 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
2. Introduction To 3ds Max & G.I.L 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: 8,5086 09672,

Mail: [jvncivil@kiot.ac.in](mailto:jvncivil@kiot.ac.in)

 [jvncivil@kiot.ac.in](mailto:jvncivil@kiot.ac.in)

Knowledge Institute of Technology  
Kakapalayam (P.O), Salem, 637 501

From

04/06/2014, 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 01.07.2014 to 11.07.2014 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                  | <b>3D MODELLING OF BUILDINGS USING<br/>3ds MAX DESIGN</b>             |
| Company/ Resource Person            | <b>Er. T.Prem Kumar,<br/>Course Instructor,<br/>Cadd Square,Salem</b> |
| Total Number of Students Registered | 45 Nos.                                                               |

Thank you sir

Yours truly,



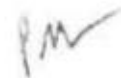
(J.Vidhya Nandhini)



HOD/CIVIL

  
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KKG Nagar, Salem (PO), Salem - 637 504



PRINCIPAL



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**DEPARTMENT OF CIVIL ENGINEERING**  
**REGISTERED STUDENTS FOR CERTIFICATION COURSE**

The following students have been registered for the various certification courses conducted by the department of Civil engineering for the AY 2014-15

| S.No | Register No  | Name of the student | Name of the certificate courses                   | Start Date | End Date   | Duration<br>Hrs (10<br>Days) |
|------|--------------|---------------------|---------------------------------------------------|------------|------------|------------------------------|
| 1    | 611212103001 | ANITHA.R            | 3D modelling of Buildings using 3ds<br>Max Design | 01-07-2014 | 11-07-2014 | 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 SHA THIK.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        |                                                   |            |            |                              |

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 Knowledge Institute of Technology,  
 Kalapalayam (P.O) Salem-637504

| S.No | Register No  | Name of the student | Name of the certificate courses                   | Start Date | End Date   | Duration<br>Hrs (10<br>Days) |
|------|--------------|---------------------|---------------------------------------------------|------------|------------|------------------------------|
| 23   | 611212103039 | MOUNESH.S.M         | 3D modelling of Buildings using 3ds<br>Max Design | 01-07-2014 | 11-07-2014 | 40                           |
| 24   | 611212103040 | MUKESH.R            |                                                   |            |            |                              |
| 25   | 611212103041 | NAVEEN KUMAR.A      |                                                   |            |            |                              |
| 26   | 611212103042 | PAVITHRA.R          |                                                   |            |            |                              |
| 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 | UDHAYASANKAR.I.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           |                                                   |            |            |                              |

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**KNOWLEDGE INSTITUTE OF TECHNOLOGY**

Department of Civil Engineering

**Course Plan**

|                    |                                                          |          |    |
|--------------------|----------------------------------------------------------|----------|----|
| Name of the Course | <b>3D modeling of Buildings using<br/>3ds MAX DESIGN</b> | 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 primitives, 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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K Sakapalavaram (PO), Salem - 637 514



| 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<br>Unit Setup<br>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 primitives, 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<br>Extrude Lathe , Loft, Boolean. ....<br>Using Editable Spline | 2              | 2               | -                | Day 6                  |

  
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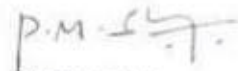
| Detailed Execution Plan                                    |                                                                             |                |                 |                  |                        |
|------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|-----------------|------------------|------------------------|
| 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                  |

  
FACULTY I/c

  
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HOD CIVIL



**KNOWLEDGE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**Course on 3D modelling of Buildings using 3ds Max Design**

**ATTENDANCE REPORT**

| S.No | Register No  | Name of the student | 01/11/14 | 02/11/14 | 03/11/14 | 04/11/14 | 05/11/14 | 06/11/14 | 07/11/14 | 08/11/14 | 09/11/14 | 10/11/14 | 11/11/14 | 12/11/14 |
|------|--------------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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          | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 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 | JEGATHEESWARIA      | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 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            | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 25   | 611212103041 | NAVEEN KUMAR.A      | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 26   | 611212103042 | PAVITHRA.R          | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 27   | 611212103043 | RAJEEV GANDHIN      | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 28   | 611212103044 | RAJUNA.G            | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 29   | 611212103045 | RAMESH.K            | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 30   | 611212103051 | SOUNDARRAJAN.S      | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 31   | 611212103052 | SOWMIYA.M           | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |

Boundary

| S.No | Register No  | Name of the student     | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 |
|------|--------------|-------------------------|------|------|------|------|------|------|------|------|------|-------|-------|
| 32   | 611212103053 | SURESH K                | /    | /    | /    | /    | /    | KS   | /    | /    | /    | /     | a     |
| 33   | 611212103054 | SUTHARSA N S            | /    | /    | /    | /    | /    | N    | /    | /    | /    | /     | /     |
| 34   | 611212103055 | TAMIL KUMARAN S         | /    | /    | /    | /    | /    | N    | /    | /    | /    | /     | /     |
| 35   | 611212103056 | THAMARAI KANNANK        | /    | /    | /    | /    | /    | N    | /    | /    | /    | /     | /     |
| 36   | 611212103057 | UDHAYASANKAR R A        | /    | /    | /    | /    | /    | D    | /    | /    | /    | /     | a     |
| 37   | 611212103058 | VARUN P G               | /    | /    | /    | /    | /    | A    | /    | /    | /    | /     | /     |
| 38   | 611212103059 | VINOTHKUMAR S           | /    | /    | /    | /    | /    | Y    | /    | /    | /    | /     | /     |
| 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         | /    | /    | /    | /    | /    | /    | /    | /    | /    | /     | a     |
| 45   | 611212103308 | ADIGESIL A              | /    | /    | /    | /    | /    | /    | /    | /    | /    | /     | /     |
|      |              | No. of Students Present | 41   | 42   | 40   | 39   | 40   |      | 40   | 41   | 40   | 41    | 40    |
|      |              | No. of Students absent  | 4    | 3    | 5    | 6    | 5    |      | 5    | 4    | 5    | 4     | 5     |
|      |              | Leave or ordinates sign | for  | for  | for  | for  | for  | for  | for  | for  | for  | for   | for   |

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**Assessment for course on 3D modelling of Buildings using 3ds Max Design**

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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
  - c) Edge
  - 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
  - b) Title Bar
  - c) Specular colour
  - d) Diffuse Colour
6. which records the beginning and end of each transformation of an object or element in the scene.
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  - c) Keyframes
  - 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.
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- 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.
- a)  Render
  - b) Vertex
  - c) Tile
  - d) Edge

15. Images generated by the computer in between the keyframes is called \_\_\_\_\_
- a) Tweens
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  - c) Tile
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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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21. Which is the standard time display format for most professional animation work?
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|                                                                                                       |                                                   |                                                    |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| <br>Beyond Knowledge | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>          |                                                    |
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|                                                                                                         |                                                  |                                                    |
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| <br>Pursuing Knowledge | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>         |                                                    |
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|                                                                                                         |                                                  |                                                    |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------|
| <br>Acquired Knowledge | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>         |                                                    |
|                                                                                                         | Approved by AICTE, Affiliated to Anna University |                                                    |
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|                                                                                                         |                                                                                                                |                                                    |
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| <br>Pursuing Knowledge | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>                                                                       |                                                    |
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4. Which is a single point in a graphic image.  
 a) Faces  
b) Pixel  
c) Edge  
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  
 b) Title Bar  
c) Specular colour  
d) Diffuse Colour
6. which records the beginning and end of each transformation of an object or element in the scene .  
a) Faces  
b) Vectors  
 c) Keyframes  
d) Vertex
7. A wireframe box that encloses the extents of an object is called \_\_\_\_\_.  
 a) Origin

20  
20  
*Mr*

*pm*  
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- b) Bounding Box
  - c) Modifiers
  - d) Animation
8. Which is a setting or value that you can change.
- a) SMPTE
  - b) Parameter
  - c) Frame Rate
  - d) Vertex
9. Which provides quick access to tools and dialog boxes for many of the most common tasks in 3DS Max.
- a) Status Bar
  - b) Title Bar
  - c) Menu Bar
  - d) Main Toolbar
10. What is the display area of the user interface that allows you to view and manipulate the modifiers on an object.
- a) Title Bar
  - b) Modifier Stack
  - c) Material
  - d) Modifiers
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.
- a) Render
  - b) Vertex
  - c) Tile
  - d) Edge

15. Images generated by the computer in between the keyframes is called \_\_\_\_\_
- a) Tweens
  - b) Faces
  - c) Tile
  - d) Grids
16. Which viewport display setting that lets you view objects in a given viewport as a wire mesh.
- a) Wireframe
  - b) Frame Rate
  - c) ViewCube
  - d) Workflow
17. Which contains information about the scene and the active command?
- a) Material
  - b) Title Bar
  - c) Status Bar
  - d) Menu Bar
18. which is an icon-based menu available from any button that has a small black triangle
- a) Polygons
  - b) Flyout
  - c) Faces
  - d) Object
19. A collection of vertices and connecting segments that form a line or curve is called \_\_\_\_\_.
- a) Tile
  - b) Origin
  - c) Spline
  - d) SMPTE
- 20.
21. Which is the standard time display format for most professional animation work?
- a) Maps
  - b) SMPTE
  - c) Vertex
  - d) Tile

  
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Kakkanad



# KNOWLEDGE INSTITUTE OF TECHNOLOGY

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## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

This is to certify that Mr/Ms N. Rajeev Gandhi of \_\_\_\_\_  
III year student in academic year 2014-15 has  
completed the course on 3D Modelling of Buildings using  
3ds Max Design during the period from 01.07.14 to 11.07.14  
at Knowledge Institute of Technology, Salem.

PRINCIPAL

Knowledge Institute of Technology  
Salem, Salem 626 007

*T. R. Ramesh*

COURSE  
INSTRUCTOR

*P. H. S. S.*

HOD/CIVIL

*[Signature]*

PRINCIPAL



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## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE



Beyond Knowledge

This is to certify that Mr/Ms R. Pavithra of \_\_\_\_\_

III year student in academic year 2014-15 has

completed the course on 3D Modelling of Buildings using

3ds Max Design during the period from 01.07.14 to 11.07.14

at Knowledge Institute of Technology, Salem.

*T. R. Ramesh*

COURSE

INSTRUCTOR

*P. H. S. Srinivasan*

HOD/CIVIL

*[Signature]*

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PRINCIPAL  
Knowledge Institute of Technology  
Sakabativaram (P.O.) Salem - 637 014



*Empower Knowledge*

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## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

This is to certify that Mr/Ms V. Gowtham of III year student in academic year 2014-15 has completed the course on 3D Modelling of Buildings using 3ds Max Design during the period from C.I.D.T.14 to D.O.T.14 at Knowledge Institute of Technology, Salem.

*T. R. Ramesh*  
COURSE  
INSTRUCTOR

*P. H. S. S.*  
HOD/CIVIL

*[Signature]*  
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*[Signature]*  
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Knowledge Institute of Technology  
Kakapalayam (K.O), Salem-657 351





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## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

This is to certify that Mr/Ms S. Arulmani of \_\_\_\_\_

III year student in academic year 2014-15 has

completed the course on 3D Modelling of Buildings using

3ds Max Design

during the period from 01.07.14 to 11.07.14

at Knowledge Institute of Technology, Salem.

*pm*

PROFESSOR  
Knowledge Institute of Technology  
Salem  
Salem, 637 502

*T. R. Ramesh*

COURSE  
INSTRUCTOR

*P. H. S. S.*

HOD/CIVIL

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## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

This is to certify that Mr/Ms R. Anitha of \_\_\_\_\_

III year student in academic year 2014-15 has

completed the course on 3D Modelling of Buildings using

3ds Max Design during the period from 01.07.14 to 11.07.14

at Knowledge Institute of Technology, Salem.

*T. R. Ramesh*

**COURSE  
INSTRUCTOR**

*P. H. S. S.*

**HOD/CIVIL**

*[Signature]*

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DR. NEELAPATI  
Knowledge Institute of Technology  
Akapattanam (PO), Salem-636 012



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DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: *A. Satharasan*

Year/Sem/Sec: *ii / i / v*

| 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:

*We need more time required for practise*

*A.S.*

Student Sign:

*Pm*  
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Knowledge Institute of Technology  
K. S. Nagar, Salem - 637 504  
K. S. Nagar (PO), Salem - 637 504



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DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: *S. Vinod Kumar*

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:

*clarity of the content delivered was good. Trainer was friendly and solved doubt then and there*

Student Sign:

*S. Vinod Kumar*

*pm*  
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Akapalam (R) Salem-658 515





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DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: R. Pavithra


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:

I wish the trainer continues to give such content delivery to my upcoming juniors also. Thanks to KIoT

Student Sign:

  
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Knowledge Institute of Technology  
Rakapalayam (PO) Salem - 637 204



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DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name: B. Jegush

Year/Sem/Sec: 10/05

| 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 time needed for practice.

Student Sign:

pm

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



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DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK FORM

COURSE on 3D Modeling of Buildings using 3ds Max Design

Name:

Year/Sem/Sec:

| 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:

Need More time for practice.

Student Sign: *Vaishu*

*pm*  
PRINCIPAL  
Knowledge Institute of Technology  
Akapalayam (PO), Salem - 637 504





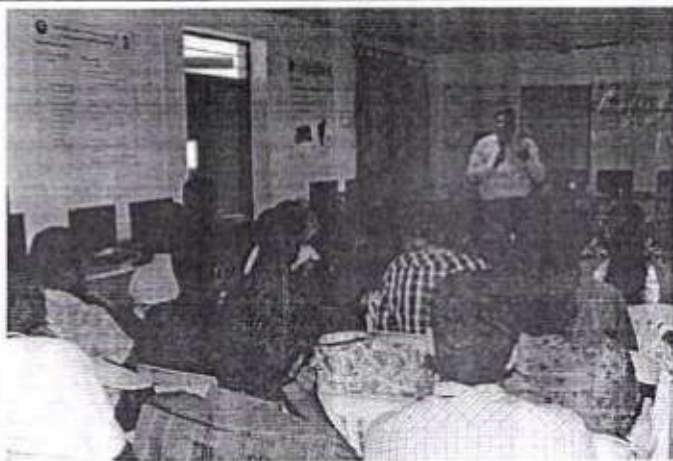
## KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM-637504

### DEPARTMENT OF CIVIL ENGINEERING

#### REPORT OF THE EVENT

|              |                           |                                |                                                                                            |
|--------------|---------------------------|--------------------------------|--------------------------------------------------------------------------------------------|
| <b>Date</b>  | : 03.07.14 to 14.07.14    | <b>Resource person</b>         | : P.M.Muthukrishnan,<br>Course Instructor,<br>Cadd square, Salem.                          |
| <b>Time</b>  | : 02.00 pm to 06.00 pm    | <b>Title</b>                   | : Certification Course on<br><b>Analysis of structural<br/>members using Staad pro v8i</b> |
| <b>Venue</b> | : CC10,<br>D-Block, KIOT. | <b>No. of<br/>Participants</b> | : 55                                                                                       |

1. The trainer gave the very detailed information about the software and the details about the flexible modeling environment of STAAD.Pro v8i software due to the availability of a wide variety of advanced structural analysis and design features.
2. This training has been organized to enhance the standard of fresh civil engineering graduates to become acceptable to the industry.
3. STAAD.Pro v8i software has included both concrete and steel design together, thus making it a one-stop-point for building design.
4. 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.
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

P.M. MUTHUKRISHNAN,

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

**KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM - 637 504**

**CIRCULAR**

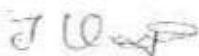


|                     |                                                                                         |             |            |
|---------------------|-----------------------------------------------------------------------------------------|-------------|------------|
| <b>Circular No.</b> | CIVIL/CC/2014-15/03                                                                     | <b>Date</b> | 28.06.2014 |
| <b>To</b>           | All HODs, Faculty members & Students                                                    |             |            |
| <b>Subject</b>      | Certification Course on <b>Analysis of Structural members using Staad pro v8i</b> -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**

| <b>Date</b>                | <b>Session</b>                  | <b>Venue</b> | <b>Topic</b>                                                                          | <b>Resource Person</b>                                                        |
|----------------------------|---------------------------------|--------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 03.07.14<br>to<br>14.07.14 | AN<br>(02.00 pm to<br>06.00 pm) | CC10         | Certification Course on<br>"Analysis of<br>Structural members<br>using Staad pro v8i" | <b>Er. P.M.Muthukrishnan</b><br>Course Instructor,<br>CAD SQUARE,<br>Salem-4. |

**Co-ordinators :** 1. Mrs.J.Vidhya Nandhini – 8508609672

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| <b>Course co-ordinator</b>                                                          | <b>HOD/Civil</b>                                                                    | <b>PRINCIPAL</b>                                                                      |

| 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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 Knowledge Institute of Technology  
 Akapalavam (PO) Salem - 637 504



# Certificate Course

ON

## Analysis of structural members using Staad Pro v8i

03.07.2014 to 14.07.2014



Organized by

Department of Civil Engineering

**KNOWLEDGE**  
**INSTITUTE OF TECHNOLOGY**  
KIOT campus, Kakapalavam (PO), Salem-637 504,  
Tamil Nadu, India.  
[www.kiot.ac.in](http://www.kiot.ac.in)

*pm*

DR N. J. PAL,  
Knowledge Institute of Technology  
Kakapalavam (PO) Salem - 637 504

### 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 branchchild 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 I.F.F.D 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

22/06/2014, 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.**

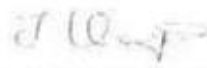
We have planned to conduct certification course on "Analysis of Structural members using Staad pro V8i". It will be helpful for our IV Year Civil Engineering students through which they can enrich their knowledge in Structural analysis and design for various buildings. In this regards we request you 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                            | 03.07.2014 to 14.07.2014 ( 10 days )                               |
| Company/ Resource Person            | Er. P.M.Muthukrishnan,<br>Course Instructor,<br>Cadd square, Salem |
| Total Number of Students Registered | 55 Nos.                                                            |


Thank you sir

Yours truly,

  
(J.Vidhya Nandhini)



HOD/CIVIL

  
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Akapolavam (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 conducted by the department of Civil engineering for the AY 2014-15

| S.No | Register No  | Name of the student   | Name of the certificate courses                       | Start Date | End Date   | Duration<br>Hrs (10<br>Days) |
|------|--------------|-----------------------|-------------------------------------------------------|------------|------------|------------------------------|
| 1    | 611211103001 | Amarnaath, M.R        | Analysis of Structural members using<br>Staad pro vis | 03-07-2014 | 14-07-2014 | 40                           |
| 2    | 611211103002 | Arulkumar, M          |                                                       |            |            |                              |
| 3    | 611211103003 | Arul Sankaran, D      |                                                       |            |            |                              |
| 4    | 611211103004 | Arun, M               |                                                       |            |            |                              |
| 5    | 611211103005 | Arun Prashad, G       |                                                       |            |            |                              |
| 6    | 611211103006 | Balu, M               |                                                       |            |            |                              |
| 7    | 611211103007 | Dinesh, P             |                                                       |            |            |                              |
| 8    | 611211103008 | Gnanasekaran, P       |                                                       |            |            |                              |
| 9    | 611211103009 | Gokulnath, C          |                                                       |            |            |                              |
| 10   | 611211103010 | Goumathy, K           |                                                       |            |            |                              |
| 11   | 611211103011 | Gowrisankar, E        |                                                       |            |            |                              |
| 12   | 611211103012 | Janarthanan, M.S.     |                                                       |            |            |                              |
| 13   | 611211103013 | Jeeva, T              |                                                       |            |            |                              |
| 14   | 611211103014 | Kalidasan, R          |                                                       |            |            |                              |
| 15   | 611211103015 | Kannan, C (20, 07.93) |                                                       |            |            |                              |
| 16   | 611211103016 | Kannan, C (25, 01.94) |                                                       |            |            |                              |
| 17   | 611211103017 | Karthick, S           |                                                       |            |            |                              |
| 18   | 611211103018 | Karthikeyan, N        |                                                       |            |            |                              |
| 19   | 611211103019 | Karthikeyan, S        |                                                       |            |            |                              |
| 20   | 611211103020 | Kathiravan, K         |                                                       |            |            |                              |
| 21   | 611211103021 | Magesh Kumar, V       |                                                       |            |            |                              |
| 22   | 611211103022 | Manikandan, K         |                                                       |            |            |                              |
| 23   | 611211103023 | Manimaran, V          |                                                       |            |            |                              |
| 24   | 611211103024 | Mohamed Arshadkhan, A |                                                       |            |            |                              |
| 25   | 611211103025 | Mohan, S              |                                                       |            |            |                              |
| 26   | 611211103026 | Nandhini, L           |                                                       |            |            |                              |

*pm*

| S.No | Register No  | Name of the student | Name of the certificate courses                       | Start Date | End Date   | Duration<br>Hrs (10<br>Days) |
|------|--------------|---------------------|-------------------------------------------------------|------------|------------|------------------------------|
| 27   | 611211103027 | Natarajan, M        | Analysis of Structural members using<br>Staad pro v18 | 03-07-2014 | 14-07-2014 | 40                           |
| 28   | 611211103028 | Nivetha, V          |                                                       |            |            |                              |
| 29   | 611211103029 | Perumal, R          |                                                       |            |            |                              |
| 30   | 611211103030 | Poovarasam, B       |                                                       |            |            |                              |
| 31   | 611211103031 | Praveen kumar, K    |                                                       |            |            |                              |
| 32   | 611211103032 | Raja, M             |                                                       |            |            |                              |
| 33   | 611211103033 | Ramana, A           |                                                       |            |            |                              |
| 34   | 611211103034 | Ranjitha, M         |                                                       |            |            |                              |
| 35   | 611211103035 | Sabari, V           |                                                       |            |            |                              |
| 36   | 611211103047 | Tamil Selvan, P     |                                                       |            |            |                              |
| 37   | 611211103048 | Vignesh, V, P       |                                                       |            |            |                              |
| 38   | 611211103301 | Dhanabal, S         |                                                       |            |            |                              |
| 39   | 611211103302 | Dhileepkumar, M     |                                                       |            |            |                              |
| 40   | 611211103303 | Ganesh Babu, N      |                                                       |            |            |                              |
| 41   | 611211103304 | Gopalakrishanan, M  |                                                       |            |            |                              |
| 42   | 611211103305 | Jothish, S          |                                                       |            |            |                              |
| 43   | 611211103306 | Karthi, T           |                                                       |            |            |                              |
| 44   | 611211103307 | Madhanagopal, R     |                                                       |            |            |                              |
| 45   | 611211103308 | Manivel, A          |                                                       |            |            |                              |
| 46   | 611211103309 | Mohan, S            |                                                       |            |            |                              |
| 47   | 611211103310 | Rajesh Kanna, R     |                                                       |            |            |                              |
| 48   | 611211103311 | Santhosh, T         |                                                       |            |            |                              |
| 49   | 611211103312 | Satheeshkumar, S    |                                                       |            |            |                              |
| 50   | 611211103313 | Sathishkumar, C     |                                                       |            |            |                              |
| 51   | 611211103314 | Sitheshwari, S      |                                                       |            |            |                              |
| 52   | 611211103315 | Siva Kumar, K       |                                                       |            |            |                              |
| 53   | 611211103316 | Tamilselvi, M       |                                                       |            |            |                              |
| 54   | 611211103317 | Venkatesan, G       |                                                       |            |            |                              |
| 55   | 611211103318 | Vinothkumar, S      |                                                       |            |            |                              |



CO-ORDINATOR

PRINCIPAL,  
Knowledge Institute of Technology,  
Kapelavam (PO) Salem - 637 502

P.M. S. S. F.  
HOD/CIVIL



**KNOWLEDGE INSTITUTE OF TECHNOLOGY**

Department of Civil Engineering

**Course Plan**

|                    |                                                    |                 |          |
|--------------------|----------------------------------------------------|-----------------|----------|
| Name of the Course | Analysis of structural members using Staad Pro v18 | 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<br>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<br>and<br>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<br>and<br>Day 4  |

**Detailed Execution Plan**

Name of the Course Module: 3. Analysis

Duration: 08 hours

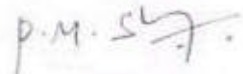
| Module No. | Name of the Module                                   | Teaching Hours | Practical Hours | Self-Study Hours | Course Plan (Day wise) |
|------------|------------------------------------------------------|----------------|-----------------|------------------|------------------------|
| 3          | Analysis of beams, columns, truss, plates- Animation | 4              | 4               | -                | Day 5<br>And<br>Day 6  |

| 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<br>Steel design | 4              | 4               | -                | Day 7<br>And<br>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<br>and<br>Day 10 |



FACULTY I/c



HOD CIVIL



**KNOWLEDGE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING**

Course on Analysis of Structural members using Staad pro v8i

**ATTENDANCE REPORT**

| S.No | Register No  | Name of the student   | 03/07/14 | 04/07/14 | 05/07/14 | 06/07/14 | 07/07/14 | 08/07/14 | 09/07/14 | 10/07/14 | 11/07/14 | 12/07/14 | 13/07/14 | 14/07/14 |
|------|--------------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1    | 611211103003 | Arun Sankaran, D      | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 2    | 611211103004 | Arun, M               | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 3    | 611211103005 | Arun Prashad, G       | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 4    | 611211103006 | Balu, M               | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 5    | 611211103007 | Dinesh, P             | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 6    | 611211103008 | Gnanasekaran, P       | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 7    | 611211103009 | Gokulnath, C          | a        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 8    | 611211103010 | Gourmailly, K         | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 9    | 611211103011 | Gowrisankar, E        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 10   | 611211103012 | Jamarthanan, M.S.     | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 11   | 611211103013 | Jeeva, T              | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 12   | 611211103014 | Kalidasan, R          | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 13   | 611211103015 | Kannan, C (20.07.93)  | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 14   | 611211103016 | Kannan, C (25.01.94)  | a        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 15   | 611211103017 | Karthick, S           | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 16   | 611211103018 | Karthikeyan, N        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 17   | 611211103019 | Karthikeyan, S        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 18   | 611211103020 | Kathiravan, K         | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 19   | 611211103021 | Magesh Kumar, V       | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 20   | 611211103022 | Mamkandan, K          | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 21   | 611211103023 | Manimaran, V          | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 22   | 611211103024 | Mohamed Arshadkhan, A | /        | a        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 23   | 611211103025 | Mohan, S              | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 24   | 611211103026 | Nandhini, L           | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 25   | 611211103027 | Notarajan, M          | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 26   | 611211103028 | Nivetha, V            | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 27   | 611211103029 | Perumal, R            | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 28   | 611211103030 | Poovarasan, B         | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |
| 29   | 611211103031 | Praveen Kumar, K      | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        | /        |

| S.No                          | Register No  | Name of the student | 3/7 | 4/7 | 5/7 | 6/7 | 7/7 | 08/7 | 09/7 | 10/7 | 11/7 | 12/07 | 13/2 | 14/2 |
|-------------------------------|--------------|---------------------|-----|-----|-----|-----|-----|------|------|------|------|-------|------|------|
| 30                            | 611211103032 | Raja M              | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 31                            | 611211103033 | Ramana A            | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 32                            | 611211103034 | Ranjitha M          | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 33                            | 611211103035 | Sahar V             | /   | /   | a   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 34                            | 611211103047 | Tanul Selvan P      | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 35                            | 611211103048 | Vignesh V P         | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 36                            | 611211103301 | Dhanabal S          | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 37                            | 611211103302 | Dhileepkumar M      | a   | /   | /   | ↑   | a   | /    | /    | /    | /    | /     | ↑    | /    |
| 38                            | 611211103303 | Ganesh Babu N       | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 39                            | 611211103304 | Gopalakrishnan M    | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 40                            | 611211103305 | Jothish S           | /   | a   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 41                            | 611211103306 | Karthi T            | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 42                            | 611211103307 | Madhanapopal R      | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 43                            | 611211103308 | Manivel A           | /   | /   | /   | ↑   | /   | /    | a    | /    | /    | /     | ↑    | /    |
| 44                            | 611211103309 | Madan S             | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 45                            | 611211103310 | Rajesh Kumar R      | /   | /   | /   | ↑   | a   | /    | /    | /    | /    | /     | ↑    | /    |
| 46                            | 611211103311 | Santhosh T          | /   | /   | /   | ↑   | /   | /    | /    | a    | /    | /     | ↑    | /    |
| 47                            | 611211103312 | Satheshkumar S      | /   | /   | /   | ↑   | /   | /    | a    | /    | /    | /     | ↑    | /    |
| 48                            | 611211103313 | Sathishkumar C      | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 49                            | 611211103314 | Satheshwari S       | /   | /   | a   | ↑   | /   | /    | /    | /    | a    | /     | ↑    | /    |
| 50                            | 611211103315 | Siva Kumar K        | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 51                            | 611211103316 | Tamilsetti M        | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 52                            | 611211103317 | Venkatesan G        | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| 53                            | 611211103318 | Vinothkumar S       | /   | /   | /   | ↑   | /   | /    | /    | /    | /    | /     | ↑    | /    |
| Total no. of students present |              |                     | 50  | 50  | 51  | —   | 49  | 48   | 50   | 49   | 49   | 48    | —    | 53   |
| Total no. of students absent  |              |                     | 3   | 08  | 02  | —   | 04  | 5    | 2    | 04   | 04   | 05    | —    | —    |
| Course Co-ordinator           |              |                     |     |     |     |     |     |      |      |      |      |       |      |      |

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M. RAJA/IV/CIVIL



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Assessment for course on Analysis of structural members using Staad pro v8i

- In floor load, Y is the :
  - Affective height
  - Floor height
  - Building height
  - All of the Above
- In Concentrated Load, P is :
  - All of the above
  - Force Direction
  - Perpendicular distance from the member
  - Value of Load
- For Plates, Which one of the following is true?
  - In order to release a Plate you can release the Beams holding the plate
  - You can release the Nodes of the Plates.
  - You can release more than one Nodes of the Plates.
  - Options B & C.
- B.E.A.V.A supports
  - UK BS 5400
  - IRC chapter 2
  - IS 456
  - All of the Above
- STAAD.Pro Perform Analysis is:
  - Taking into consideration the Displacement of Nodes
  - Taking into consideration the Stiffness Corection
  - Multi- Iteration Analysis
  - None of the Above
- Dead loads are self-weights of material, equipment, or components that are relatively constant throughout the structure's life. Marks 1
  - true
  - false
- In Meshing Parametric dialog box, by default, bias value is \_\_\_ and divi value is \_\_\_.
  - Bias is 1 Divi is 15
  - Bias is 1 Divi is 11
  - Bias is 2 Divi is 10
  - Bias is 1 Divi is 10

17  
20




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. 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 ctt (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

- 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



M. Janilselva  
IV-year level

|                                                                                                         |                                                  |                                                    |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------|
| <br>Pursuing Knowledge | <b>KNOWLEDGE INSTITUTE OF TECHNOLOGY</b>         |                                                    |
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|                                                                                                         | Kakapalayam (PO), Salem – 637 504                | <a href="http://www.kiot.ac.in">www.kiot.ac.in</a> |

**Assessment for course on Analysis of structural members using Staad pro v8i**

- In floor load, Y is the :  
A) Affective height  
B) Floor height  
C) Building height  
D) All of the Above
- In Concentrated Load, P is :  
A) All of the above  
B) Force Direction  
C) Perpendicular distance from the member  
D) Value of Load
- 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.
- B.E.A & A supports  
A) UK BS 5400  
B) IRC chapter 2  
C) IS 456  
D) All of the Above
- 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
- 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
- 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

16  
20



- 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
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- A)  1
  - B) 4
  - C) 2
  - D) 5
20. Pinned Support will have \_\_\_\_\_ reactions. Marks 1
- A)  2
  - B) 6
  - C) 4
  - D) 3

S. Mohan  
IV-Year/Civil



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### Assessment for course on Analysis of structural members using Staad pro v8i

- In floor load, Y is the :
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- In Concentrated Load, P is :
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- For Plates, Which one of the following is true?
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  - None of the Above
- Dead loads are self-weights of material, equipment, or components that are relatively constant throughout the structure's life. Marks 1
  - true
  - false
- In Meshing Parametric dialog box, by default, bias value is \_\_\_ and divi value is \_\_\_.
  - Bias is 1 Divi is 15
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18  
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*[Signature]*

*[Signature]*  
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Knowledge Institute of Technology,  
Kakapalayam (PO), Salem - 637 504

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. 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





Proposed Knowledge

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Assessment for course on Analysis of structural members using Staad pro v8i

- In floor load,  $Y$  is the :
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- In Concentrated Load,  $P$  is :
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  - Force Direction
  - Perpendicular distance from the member
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  - UK BS 5400
  - IRC chapter 2
  - IS 456
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  - Multi- Iteration Analysis
  - None of the Above
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  - true
  - false
- In Meshing Parametric dialog box, by default, bias value is \_\_\_ and divi value is \_\_\_.
  - Bias is 1 Divi is 15
  - Bias is 1 Divi is 11
  - Bias is 2 Divi is 10
  - Bias is 1 Divi is 10


17  
20

*Pr*

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  - C) 5
  - D) 4
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- 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

- 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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**Assessment for course on Analysis of structural members using Staad pro v8i**

- In floor load, Y is the :  
A) Affective height  
B) Floor height  
C) Building height  
D) All of the Above
- In Concentrated Load, P is :  
A) All of the above  
B) Force Direction  
C) Perpendicular distance from the member  
D) Value of Load
- 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.
- B.E.A.V.A supports  
A) JK BS 5400  
B) IRC chapter 2  
C) IS 456  
D) All of the Above
- 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
- 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
- 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

17  
20  
[Signature]

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. 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
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15. In concrete design parameter, by default, value for clt (Clear Cover top) is:
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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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This is to certify that Mr/Ms A.MANIVEL of

IV year student in academic year 2014-15 has

completed the course on ANALYSIS OF STRUCTURAL MEMBERS USING  
STAAD Pro V8i during the period from 03.07.14 to 14.07.14

at Knowledge Institute of Technology, Salem.

P.M. Nithishan  
COURSE  
INSTRUCTOR

P.H.S  
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P.M. Natarajan  
COURSE  
INSTRUCTOR

P.M.

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P.M. N. K. S. S. S.  
COURSE  
INSTRUCTOR

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P.M. Natarajan  
COURSE  
INSTRUCTOR

P. H. S.  
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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: V. Magesh Kumar

Year/Sem/Sec: 12/07

| 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:**

Very good and useful

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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: R. Periyamal

Year/Sem/Sec: IV/02

| 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:

Very good need more time for practice.

Student Sign:

R. Periyamal

PR

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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: R. Rajesh Kanna

Year/Sem/Sec: 1v/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:

Good content Delivery

Student Sign:

*R. Rajesh Kanna*

*Rm*  
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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: *K. Praveen Kumar*

Year/Sem/Sec: *IV/VII*

| S.No | Feedback Questions                     | Good     | Excellent | Moderate | Need to be improved |
|------|----------------------------------------|----------|-----------|----------|---------------------|
| 1    | Course Content Delivery by the trainer | <i>✓</i> |           |          |                     |
| 2    | Course Material                        |          | <i>✓</i>  |          |                     |
| 3    | Clarity of the content delivery        |          |           | <i>✓</i> |                     |
| 4    | Hands on training experience           | <i>✓</i> |           |          |                     |
| 5    | Overall experience about the Course    |          | <i>✓</i>  |          |                     |

Suggestions if any:

*We need more practices,  
Very useful.*

Student Sign:

*K. Praveen Kumar*





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FEEDBACK FORM

COURSE on Analysis of Structural members using Staad pro v8i

Name: S. Dhanabal

Year/Sem/Sec: IV/02

| 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:

need more time to learn

Student Sign:

S. Dhanabal

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