

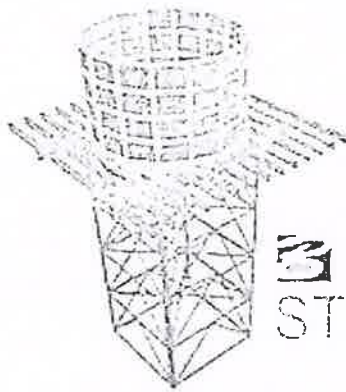
E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM  
DEPARTMENT OF CIVIL ENGINEERING

5 - Days Value Added Course

titled

"DESIGN AND ANALYSIS OF RC STRUCTURES - STAAD PRO"

from 13<sup>th</sup> to 17<sup>th</sup> Dec' 2017



STAAD.Pro V8i

Paladin

ATTESTED

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## About STAAD.Pro

STAAD.Pro is a general purpose structural analysis and design program with applications primarily in the building industry - commercial buildings, bridges and highway structures, industrial structures, chemical plant structures, dams, retaining walls, turbine foundations, culverts and other embedded structures, etc. The program hence consists of the following facilities to enable this task.

1. Graphical model generation utilities as well as text editor based commands for creating the mathematical model. Beam and column members are represented using lines. Walls, slabs and panel type entities are represented using triangular and quadrilateral finite elements. Solid blocks are represented using brick elements. These utilities allow the user to create the geometry, assign properties, orient cross sections as desired, assign materials like steel, concrete, timber, aluminum, specify supports, apply loads explicitly as well as have the program generate loads, design parameters etc.
2. Analysis engines for performing linear elastic and pdelta analysis, finite element analysis, frequency extraction, and dynamic response (spectrum, time history, steady state, etc.).
3. Design engines for code checking and optimization of steel, aluminum and timber members. Reinforcement calculations for concrete beams, columns, slabs and shear walls. Design of shear and moment connections for steel members.
4. Result viewing, result verification and report generation tools for examining displacement diagrams, bending moment and shear force diagrams, beam, plate and solid stress contours, etc.
5. Peripheral tools for activities like import and export of data from and to other widely accepted formats, links with other popular softwares for niche areas like reinforced and prestressed concrete slab design, footing design, steel connection design, etc.
6. A library of exposed functions called OpenSTAAD which allows users to access STAAD.Pro's internal functions and routines as well as its graphical commands to tap into STAAD's database and link input and output data to third-party software written using languages like C, C++, VB, VBA, FORTRAN, Java, Delphi, etc. Thus, OpenSTAAD allows users to link in-house or third-party applications with STAAD.Pro.

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## Introduction

STAAD.Pro is an analysis and design software package for structural engineering. This manual is intended to guide users who are new to this software as well as experienced users who want specific information on the basics of using the program.

STAAD.Pro is a general purpose program for performing the analysis and design of a wide variety of types of structures. The basic three activities which are to be carried out to achieve that goal - a) model generation b) the calculations to obtain the analytical results c) result verification - are all facilitated by tools contained in the program's graphical environment. This manual contains four sample tutorials which guide the user through those 3 activities.

The first of those tutorials demonstrates these processes using a simple two-dimensional steel portal frame. It is a good starting point for learning the program. If you are unfamiliar with STAAD.Pro, you will greatly benefit by going through this tutorial first.

For the second tutorial, we have chosen a reinforced concrete frame. We generate the model, perform the analysis, and design the concrete beams and columns. It contains extensive details on the various facilities available for visualization and verification of results.

The modelling and analysis of a slab is demonstrated in the third tutorial. Slabs, and other surface entities like walls are modelled using plate elements. Large surface entities may have to be defined using several elements and this sometimes requires a tool called a mesh generator. This tutorial shows the simple techniques as well as the mesh generation method for generating the finite element model of the slab. It also explains the methods by which one can check the results for plate elements.

A tutorial which demonstrates the inter-operability features between STAAD.Pro and STAAD.etc. is presented in the fourth tutorial. STAAD.etc is a set of modules which can be used to perform component designs such as for a rectangular footing, base plate, cantilever retaining wall, moment connection, bolt group, etc. Users who have purchased STAAD.etc in addition to STAAD.Pro may go through this tutorial to familiarize themselves with the process of utilizing STAAD.etc to perform secondary analysis and design tasks on a structure for which the primary analysis and design is done using STAAD.Pro.

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## Hardware Requirements

The following requirements are suggested minimums. Systems with increased capacity provide enhanced performance.

- PC with Intel-Pentium or equivalent.
- Graphics card and monitor with 1024x768 resolution, 256 color display (16 bit high color recommended).
- 128 MB RAM or higher.
- Windows NT 4.0 or higher operating system. Windows 95, Windows 98 & Windows Me are no longer supported. The program works best on Windows 2000 and XP operating systems.
- Sufficient free space on the hard disk to hold the program and data files. The disk space requirement will vary depending on the modules you are installing. A typical minimum is 500MB free space.
- A multi-media ready system with sound card and speakers is needed to run the tutorial movies and slide shows.

Note: Additional RAM, disk space, and video memory will enhance the performance of STAAD.Pro.

Starting with STAAD.Pro Version 2001, the size of structures that the program can handle has been increased significantly. As a result of this, the minimum amount of physical + virtual memory required by the program also has increased to over 600MB. Users may need to ensure that adequate amounts of virtual memory are available, and in Windows NT and 2000 systems, parameters such as paging file sizes should be large enough or span over multiple drives if the free space on any one drive runs low.

Another issue to keep in mind is the location of the "TEMP" parameter as in the "SET TEMP" environment variable in Windows NT and 2000 systems. While performing calculations, depending on the structure size, the program may create gigantic scratch files which are placed in the folder location associated with the "TEMP" parameter. Users may wish to point the "SET TEMP" variable to a folder on a drive that has disk space sufficiently large to accommodate the requirements for large size structures.

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- o IS-456:200 :DESIGN CODE FOR RCC STRUCTURES
- o SP-16 : DESIGN CODE FOR COLUMNS
- o IS-875(PART 1) :CODE FOR DEAD LOADS
- o IS-875(PART 2) :CODE FOR IMPOSED LOADS
- o IS-875(PART 3) :CODE FOR WIND LOADS

**ASSUMPTIONS**

- o Our project is based on the design and analysis of the multi-storied buildings
- o Analysis is done through using the STAAD-PRO
- o Notation adopted through out the project is same as in IS-456-2000

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o STAAD (Staad stands for structural analysis and design)

o staad is the powerful design software licensed by bentley . Staad stands for structural analysis and design

o To calculate S.F.D and B.M.D of complex loading beam it ta about an hour.

o So when it comes up to building with several members it wil taken a week.

o staad pro is a very powerful tool which it does this job in just hours staad is a best alternative for high rise buildings.

o Now a days most of the high rise buildings are designed by staad which makes a compulsion for a civil engineer to know about this software

o This project is mainly based on software and it is essential to know the details about these software's

o Staad pro(v8i)

o Auto cad.

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## AUTO CAD

- o Auto cad is powerful software licensed by auto desk company and cad stand for computer aided design.
- o It is used for drawing different layouts, elevations, details, sections different sections can be shown in auto cad .
- o We used for drawing the plan of multi stored building .
- o It is very useful for civil, mechanical, and also electrical engineer.

- o 1.Utility of building :Residential building
- o 2.No of storeys :G+4
- o 3.No.of staircases :5 no's
- o 4.Shape of the building :rectangular
- o 5.Type of construction : R.C.C framed structure
- o 5.Type of walls :brick wall

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Foundation Details

- o Ground floor : 3.0M
- o Floor height : 3.0M
- o Height of plinth : 1.5M from below foundation
- o Depth of foundation : 500MM
- o Concrete Grade : M25
- o All steel grade : Fe500 grade
- o Type of steel bars : HYSD
- o Bearing capacity of Soil : >180 KN/M2

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o Dead loads

o Imposed loads

o Wind loads

o Involves self weight of

o RCC slab

o Beams & columns

o Plinth

o Walls

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Imposed also known live loads

Loads over the floor i.e. Load of persons it is calculated as  $1 \text{ KN/m}^2$

This load is applied over the length of structure

Wind is as per motion

Wind loads are calculated as per IS 875 Part 3

Intensity of wind and exposure are all taken into direction as required

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- Structure designed should satisfy the criterion of ultimate strength.
- Structures should satisfy the serviceability
- It should satisfy the stability against overturning, sliding, and buckling

- The structures should be analysed for combination of loads as in practice we have numbers of loads in various directions act
- Some of the combinations to be checked are
  - $1.5(DL+LL)$
  - $1.5(DL+WL)$
  - $1.5(DL+LL+WL)$

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- o Foundation design
- o Column design
- o Beam design
- o Slab design

- o The notation adopted throughout the work is same as in IS 456-2000
- o Using partial safety factors for loads in accordance with clause 36.4 of IS 456-2000
- o Partial safety factor for material in accordance with clause 36.4.2 IS456-2000 is taken as 1.5 for concrete and 1.15 for steel
- o Using partial safety factors in accordance with clause 36.4 of IS 456-2000 combination of load (D.L+L.L) 1.5  
(D.L +L.L+W.L) 1.2

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**MATERIAL**

	Density
1.Plain concrete	24.0 kn /m <sup>3</sup>
2.Reinforced	25.0 k /m <sup>3</sup>
3.Flooring material(c.m)	20.0kn/m <sup>3</sup>
4.Brick masonry	19.0kn/m <sup>3</sup>
5.Fly ash	5.0kn/m <sup>3</sup>

**LIVE LOADS:** In accordance with IS 875-86

- 1.Live load on slab =3.0kn/m<sup>3</sup>
- 2.Live load on passage =3.0kn/m<sup>3</sup>
- 3.Live load on stair =3.0kn/m<sup>3</sup>

For slab, depth is 125 mm provided.

For beams, after calculations are done . the dimensions of beam is 230\*530mm factored load on beam is 15.87kn/m

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- Shape of column is rectangular
- For columns, the dimension of column is 300\*600mm
- Factored load on column 1090.10kn
- For footings, the bearing capacity of soil is 175kn/m<sup>2</sup>
- To provide the dimensions of footing is 12.5m\*2.7m

○ Analysis is done using STAD PRO developed by BENTLEY

○ Once the loads and load combinations are assigned to the structures, analysis is to be done

○ Analysis is done for RCC structure

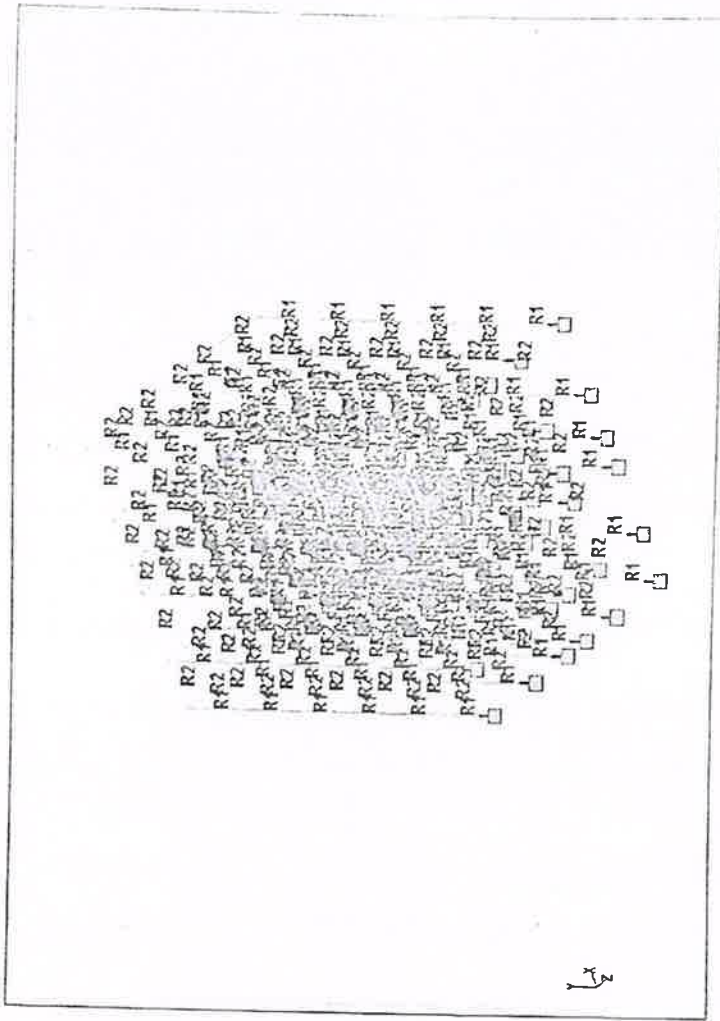
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# ASSIGN THE PROPERTIES OF STRUCTURES

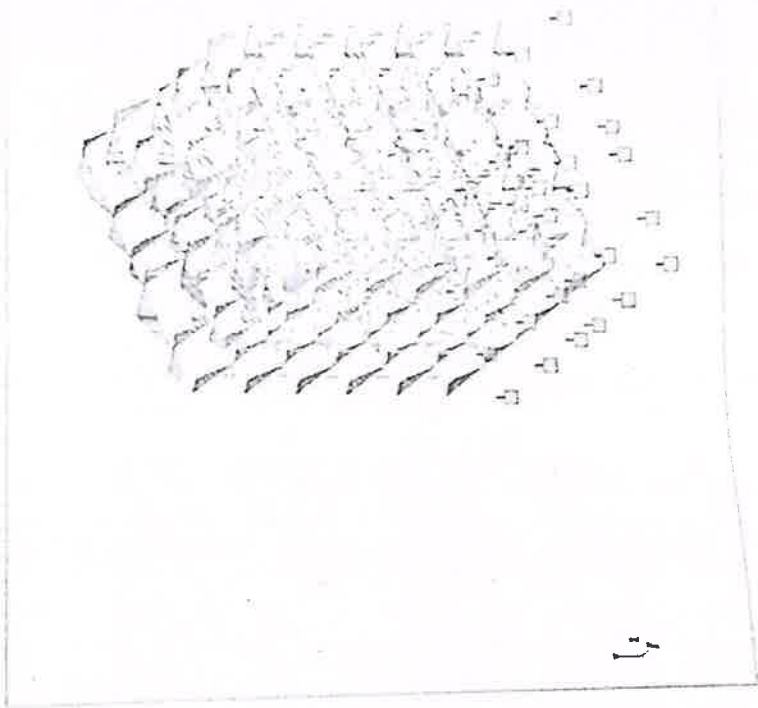
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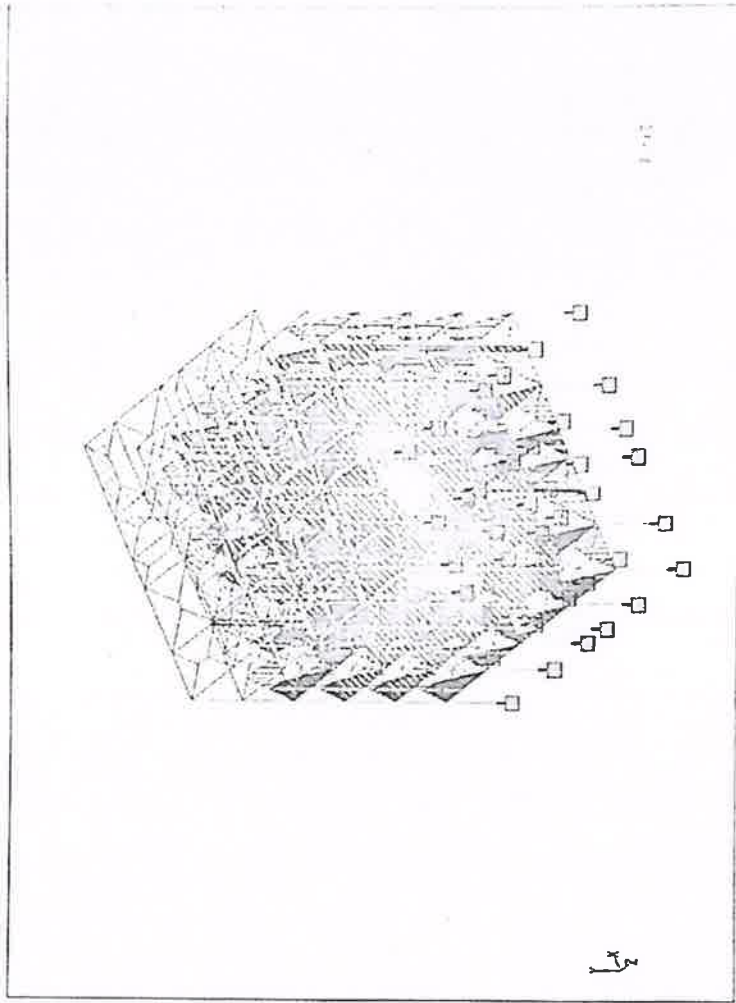
Nagapattinam (17) Tamil Nadu.



ASSIGN LOADS ON  
THE SLAB

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# LOAD ASSIGN ON THE WALLS

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Neelankuppam (M), Tirunelveli.

ASSIGN WIND LOAD  
ON THE  
STRUCTURES  
(X+VE DIRECTION)

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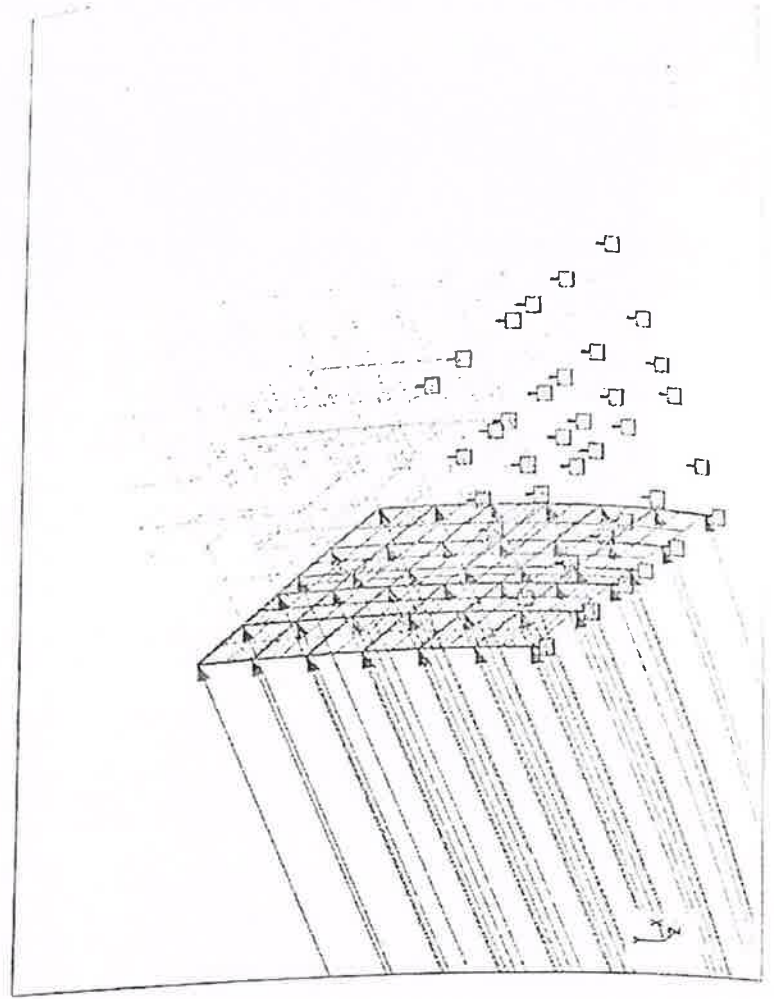
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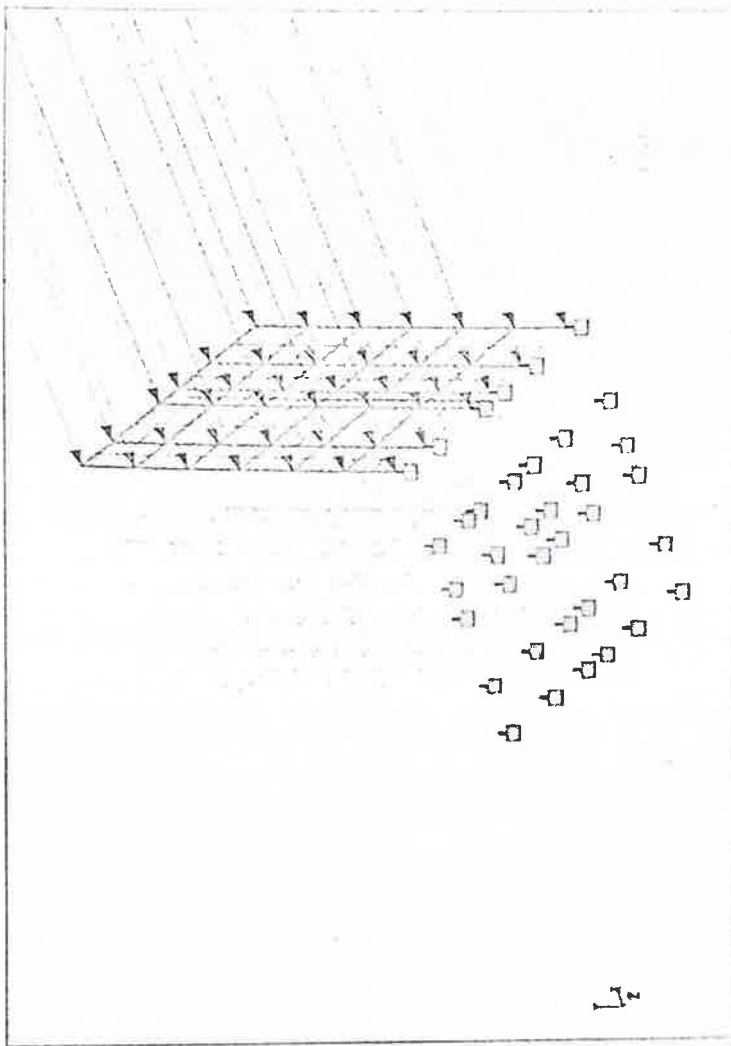
E.G.S Pillai Engineering College,

Thettni Nagore - 611 002.

Nayapattinam (Dt) Tamil Nadu,



ASSIGN WIND LOAD  
ON THE  
STRUCTURES  
(X-VE DIRECTION)

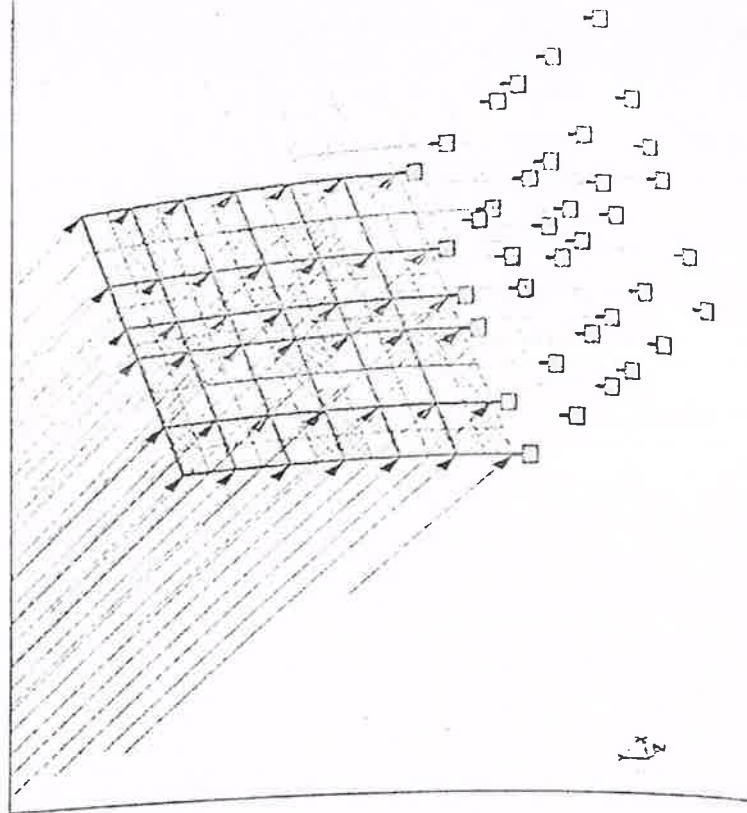


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*[Signature]*  
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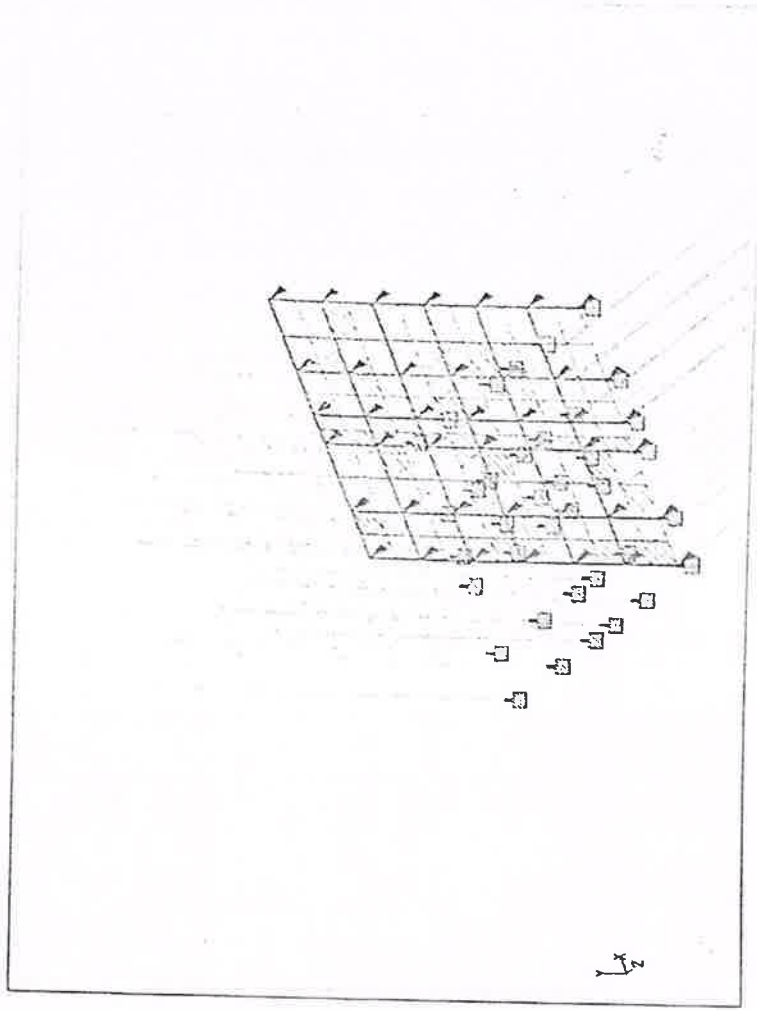
Anna Engineering College  
Nandor, Andhra Pradesh  
Jagan (UT) Tamin Konda

ASSIGN WIND LOAD  
ON THE  
STRUCTURES  
(Z +VE DIRECTION)



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*[Signature]*  
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ASSIGN WIND LOAD  
ON THE  
STRUCTURES  
(Z - VE DIRECTION)



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-A, Nagore - 611 002.  
Nayappattanam (Wey Thiruvudai).

Code is assigned as IS:456-2000

The parameters are assigned to the structure

Commands to be given are

1. concrete design
2. define parameters
3. command

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VALUE ADDED COURSE ON DESIGN AND ANALYSIS OF RC STRUCTURES BY STAAD Pro.

ATTENDANCE SHEET- 13.12.2017 to 17.12.2017

ACADEMIC YEAR : 2015-2019

YEAR / SEM: III / 05

O	REG.NO	NAME	13.12.17		14.12.17		15.12.17		16.12.17		17.12.17	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
	820815103001	ABINAYA S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103002	ABIRAMI P	P.Am	P.Am	A	A	P.Am	P.Am	P.Am	P.Am	P.Am	P.Am
	820815103003	AGASH A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103004	AGATHIYAN G	AB	AB	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103005	AJAY B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103006	AJITH KUMAR B	AB	AB	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	AB	AB	<i>[Signature]</i>	<i>[Signature]</i>
	820815103007	ALAMELU MANGAI H	H.M	H.M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103008	AMEER SUHAIL A	A.H	A.H	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103009	ARAVIND S	<i>[Signature]</i>	<i>[Signature]</i>	A	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103012	ARULMURUGAN A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	AB	AB	<i>[Signature]</i>	<i>[Signature]</i>
	820815103013	ARUN D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	A	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103014	BAKYAVATHI J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103015	BALAGURU M	<i>[Signature]</i>	<i>[Signature]</i>	A	A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103016	BALAMURUGAN D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	820815103017	BALAMURUGAN G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	AB	AB	<i>[Signature]</i>	<i>[Signature]</i>
	820815103018	CHANDRAN R	AB	AB	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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NO	REG.NO	NAME	13.12.17		14.12.17		15.12.17		16.12.17		17.12.17	
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820815103022		ELAKKIYA E	AB	AB	A	A	A	A	AB	AB	A	A
820815103023		ELANCHERAN S	Ed	Ed	Ed	Ed	Ed	Ed	Ed	Ed	Ed	Ed
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820815103028		HARIKRISHNAN P	Ed	Ed	Ed	Ed	Ed	Ed	Ed	Ed	Ed	Ed
820815103029		INBARAJAN P	Inbar	Inbar	Inbar	Inbar	Inbar	Inbar	Inbar	Inbar	Inbar	Inbar
820815103030		IYAPPAN S	Iyapp	Iyapp	A	A	Iyapp	Iyapp	Iyapp	Iyapp	Iyapp	Iyapp
820815103031		JAGADEESWARI S	Jagade	Jagade	Jagade	Jagade	Jagade	Jagade	Jagade	Jagade	AB	A
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820815103034		KABILANRAJ R	R.Kabil	R.Kabil	R.Kabil	R.Kabil	R.Kabil	R.Kabil	R.Kabil	R.Kabil	R.Kabil	R.Kabil
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820815103036		KALIYUGA VARATHAN S	Kaliy	Kaliy	Kaliy	Kaliy	Kaliy	Kaliy	Kaliy	Kaliy	Kaliy	Kaliy
820815103037		KAMALI R	R.Kam	R.Kam	R.Kam	R.Kam	R.Kam	R.Kam	R.Kam	R.Kam	R.Kam	R.Kam
820815103038		KARTHEESHWARI D	Karth	Karth	Karth	Karth	A	A	Karth	Karth	Karth	Karth
820815103039		KARTHI G	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi
820815103040		KARTHIKEYAN S	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.



JO	REG.NO	NAME	13.12.17		14.12.17		15.12.17		16.12.17		17.12.17	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
	820815103041	KARTHIKRAJA G										
	820815103042	KAVIYARASAN G	G.K	G.K	G.K	G.K	G.K	G.K	G.K	G.K	G.K	G.K
	820815103043	KESAVARAYAN B	K.S	K.S	K.S	K.S	K.S	K.S	K.S	K.S	K.S	K.S
	820815103044	KISHOR R	R.K	R.K	R.K	R.K	R.K	R.K	R.K	R.K	R.K	R.K
	820815103045	MAHADEVAN M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M
	820815103046	MANIKANDAN D	D.M	D.M	D.M	D.M	D.M	D.M	D.M	D.M	D.M	D.M
	820815103047	MANIKANDAN K	K.M	K.M	K.M	K.M	K.M	K.M	K.M	K.M	K.M	K.M
	820815103049	MANO S	AB	AB	A	A	A	A	AB	AB	A	A
	820815103050	MANOJ J	AB	AB	A	A	A	A	AB	AB	A	A
	820815103301	AMIRTHAGANESH.R	A.M	A.M	A.M	A.M	A.M	A.M	A.M	A.M	A.M	A.M
	820815103302	ARUNKUMAR	R.K	R.K	R.K	R.K	R.K	R.K	R.K	R.K	R.K	R.K
	820815103303	GOWTHAMAN.L	L.G	L.G	L.G	L.G	L.G	L.G	L.G	L.G	L.G	L.G
	820815103305	JAYA SURYA	J.S	J.S	A	A	J.S	J.S	J.S	J.S	J.S	J.S
	820815103306	JEGAN.A	A.J	A.J	A.J	A.J	A.J	A.J	A.J	A.J	A.J	A.J
	820815103307	MADAN.S	AB	AB	A	A	A	A	AB	AB	A	A
	820815103308	MATHIRASREE.S	AB	AB	A	A	A	A	AB	AB	A	A
	820815103702	LAKSHMAN SURYA PRAKASH	AB	AB	A	A	A	A	AB	AB	A	A
	820815103704	VISHNUPRIYAN	AB	AB	V.P	V.P	V.P	V.P	V.P	V.P	A	A

ATTESTED



Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pillay Engineering College.,

Thethi, Nagore - 611 302

Nagapattinam (TN) Tamil Nadu.

ID	REG.NO	NAME	13.12.17		14.12.17		15.12.17		16.12.17		17.12.17	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
	820815103051	MOHAMMED ASHIF H	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103052	MOHAMMED BATHRUDEEJA	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103053	MOHAMMED TABAJ PHALEK	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103054	MOHAMMED NAVAS J	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103055	MURALI ANAND B	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103056	MURALI MURUGESH M	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103057	MUTHARASAN M	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103058	MUTHUVEL U	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103060	PRABURAJAN K	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103061	PRADEEP K R	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103062	PRADEEP T	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103063	PRASANTH K	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103064	PRAVEEN M R	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103065	PRIYATHARSAN T	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103066	RAGUL GANDHI P	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103067	RAJAN INDIRA KUMAR A	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103068	RAJASRI R	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103069	RAJESH KANNA A D	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103070	RAVINTHRAPRASATH R	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103072	SANTHANAKRISHNAN R	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17
	820815103073	SASI M	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17	11/12/17

**ATTESTED**  
  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
**E.G.S. Pillay Engineering College,**  
**Thethi, Nagore - 611 002.**  
**Nagapattinam (Dt) Tamil Nadu.**  
 Scanned with OKEN Scanne

S.NO	REG.NO	NAME	13.12.17		14.12.17		15.12.17		16.12.17		17.12.17	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
	820815103074	SATHISHKUMAR S	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat
	820815103075	SHRIRAM R D	Shr	Shr	Shr	Shr	Shr	Shr	Shr	Shr	Shr	Shr
	820815103076	SIVARAMAN R	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv
	820815103077	SIVASANKARAN D	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv
	820815103078	SIVASANKARAN S	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv	Siv
	820815103080	SRIDHAR S	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri
	820815103081	SRIPAN M	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri
	820815103082	SUDHARSAN J	Sud	Sud	Sud	Sud	Sud	Sud	Sud	Sud	Sud	Sud
	820815103083	SUDHARSON S	Sud	Sud	Sud	Sud	Sud	Sud	Sud	Sud	Sud	Sud
	820815103084	SUNDARAMOORTHY V	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
	820815103085	SUNDHARESON S	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
	820815103086	SURENDAR S	Sur	Sur	Sur	Sur	Sur	Sur	Sur	Sur	Sur	Sur
	820815103088	SWATHI G	AB	AB	A	A	A	A	AB	AB	A	A
	820815103089	THAMEEMUM ANSARI	Tha	Tha	Tha	Tha	Tha	Tha	Tha	Tha	Tha	Tha
	820815103090	UTHAYAN M	AB	AB	A	A	A	A	AB	AB	A	A
	820815103091	VAANMATHI T	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van
	820815103093	VETRIVEL R	Vet	Vet	Vet	Vet	Vet	Vet	Vet	Vet	Vet	Vet
	820815103094	VIGNESH M	Vig	Vig	Vig	Vig	Vig	Vig	Vig	Vig	Vig	Vig
	820815103095	VIGNESHRAJ S	AB	AB	A	A	A	A	AB	AB	A	A
	820815103096	VIGNESHRAJA G	Vig	Vig	Vig	Vig	Vig	Vig	Vig	Vig	Vig	Vig
	820815103097	VIJAY A	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij

**ATTESTED**  
  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
**E.G.S. Pillay Engineering College,**  
**Thethi, Nagore - 611 002.**  
**Nagapattinam (Dt) Tamil Nadu.**

L.NO	REG.NO	NAME	13.12.17		14.12.17		15.12.17		16.12.17		17.12.17	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
3	820815103098	VIJAYAN S										
4	820815103099	VINOTH V										
5	820815103100	VISHNUPRIYA R										
6	820815103309	RATHAKRISHNAN.G										
7	820815103310	RAJAJI.R	AB	AB	A	A	A	A	AB	AB	A	A
8	820815103313	VEERAMANI.A										
9	820815103314	VIJAYACHANDER.K										
10	820815103701	VIGNESH.P										
11	820815103704	SHAHA TSHAK H	AB	AB	A	A	A	A	AB	AB	A	A

1

2

**COURSE CO-COORDINATOR**  
 T.Adhavanathan – Third Civil A  
 N.R.Vethamoorthy – Third Civil B

**ATTESTED**  
  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
 E.G.S Pillay Engineering College,  
 Thethi, Nagore - 611 002.  
 Nagapattinam (Dt) Tamil Nadu.

20/12/17  
**HOD / CIVIL**  
 Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.,  
 Professor & Head,  
 Department of Civil Engineering,  
 E.G.S. PILLAY Engineering College,  
 Nagapattinam.

M. P. Velumooly,  
F. Adhivanathan  
Class Coordinator Third Year,  
Department of civil engineering,  
E.G.S.Pillay Engineering College,  
Nagapattinam.

To  
The principal,  
E.G.S Pillay Engineering College,  
Nagapattinam.

Through  
Head of the department,  
Department of civil engineering,  
E.G.S.Pillay Engineering College,  
Nagapattinam.



84  
11/12/2017  
000770 900000/-

Respected sir,

Sub: requisition for getting permission to organize value added course on 13/12/2017 at PG Seminar hall for III year Civil Engineering Students- req.

I would like to bring to your kind notice that we are planning to organize five days value added course for third year section A&B (Total number of students 106) on "Design and Analysis of RC Structures by STAAD Pro" from 13/12/2017 to 17/12/2017. We need PG Seminar hall to organize this program successfully. So I request you to permit us to organize this value added course at the above said hall on the mentioned date.

Enclosure

1.Paladin Software Solutions

Thanking you,

Place : Nagapattinam

Date : 29/11/2017

Yours truly

1. N.R. Vtharathar  
29/11/17

2. J. [Signature]  
29/11/17

not forwarded to  
Principal.  
[Signature]  
24.11.17

Request forwarded  
[Signature]  
29/11/17

S. Paramodram

ATTESTED  
[Signature]

Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S Pillay Engineering College,  
Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

Published under the name of the Institute of Architects, India. The course is designed to provide a solid foundation in Revit Architecture for Civil Engineering students. Our qualified and certified instructors deliver the course for the future designers. We expect students to take part in this program with interest and get rewarded with our International Certification.

### Objectives

The course is emphasized by concentrating on developing and bringing out the skills of the students under the design, implementation and refinement of the model with the help of updated version of Revit Architecture.

### Course Details

#### Revit

Revit Architecture 2016 is one of the advanced BIM software that is established for Architecting, Constructing and Engineering (ACE) Industries that simplifies their work flow. Students have a diverse opportunity to understand and modulate speedy work-flow in designing, documenting and completing the project.

The students are guided to learn the Revit software in simple and ensure their firm understanding on the BIM technology.

We have formulated the course in such a way that comforts the students in understanding the software and reproducing the knowledge in real-time.

### Course Plan

Course	Duration	Year/ Dept.
Design and Analysis of RC Structures- STAAD-Pro	35 Hrs	Third Year Civil

ATTESTED

  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.

**Deliverables**

We promise that through this program students are assured with refined knowledge about software.

Students are also complemented with

- E-Books that support the course.
- Free-software license valid for Three Years.
- Globally Recognized Course Completion Certificate.

**Trainers Assisting**

5

The program is handled by the most expertise Certified Instructors and also guided with assistance on real-time projects to deliver the students practical knowledge about the course.

**Course fee details**

Full payment of (for each courses) INR 1300 /- per student and the payment is expected before the commencement of the program.

The fees are formulated as per the technology service and the human resources.

**Acceptance**

This proposal is accepted to conduct the program  
Institution Name) on (the scheduled date)

(Col)

For Paladin Software Solution Pvt. Ltd.

(Name)

For (College/ Institution Name)

(Designation)

Date:

Date:

**ATTESTED**

  
**Dr. S. RAMABALAN, M.E., Ph.D.**  
**PRINCIPAL**  
**E.G.S. Pillay Engineering College,**  
 Thethi, Nagore - 611 002.  
 Nagapattinam (Dt) Tamil Nadu

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E.G.S PILLAY ENGINEERING COLLEGE – NAGAPATTINAM

DEPARTMENT OF CIVIL ENGINEERING

Date : 30.11.2017

The HOD,  
Department of civil Engineering,  
E.G.S. Pillay Engineering College,  
Nagapattinam.

The Principal,  
E.G.S. Pillay Engineering College,  
Nagapattinam.



pected Sir,

SUB: Value Added course – Reg.,

Department of civil Engineering is going to conduct the value added course with **Paladin Software Solutions Chennai** for the students Beneficiary as per the Anna University curriculum and utilization of placement purpose.


Beneficiary	:	Third Year Civil Students.
Number of students	:	106 Persons.
Course Name	:	Design and Analysis of RC Structures by STAAD Pro. 1. Modeling 2. Analysis of structure 3. Designing 4. R.C.C. Detailing 5. STAAD Pro. Design
Duration	:	13 <sup>th</sup> Dec 2017 to 17 <sup>th</sup> Dec 2017
Conducted by	:	Paladin Software Solutions – Chennai.
Place	:	GG Block – CC-II Lab (Practical Classes) PG Block – PG Seminar Hall (Theory Class)
System required	:	106 Nos
Course coordinators	:	A- Section – T.Adhavanathan /AP Civil B-Section – N.R.Vethamoorthy / AP Civil Class coordinators
Amount	:	1300 per candidate 1300 x 106 = Rs. 137800 /-

Thanking You,

  
11/12/17

N.R. Vethamoorthy, 11/12/2017  
Class coordinators,  
Adhavanathan – Third Civil A  
R.Vethamoorthy – Third Civil B

  
11.12.17  
HOD/Civil

**ATTESTED**  
  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



From

N.R.Vethamoorthy  
T.Adhavanathan,  
Third Year Class Co-ordinators  
Department of Civil engineering,  
E.G.S.Pillay Engineering College,  
Nagapattinam.

To

CC Lab – II Incharge,  
E.G.S.Pillay Engineering College,  
Nagapattinam.

Respected sir,

Sub: requisition for getting permission to organize –value added course on 13/12/2017 at CC Lab – II for III year Civil Engineering Students- reg.

I would like to bring to your kind notice that we are planning to organize five days value added course on “Design and Analysis of RC Structures“ from 13/12/2017 to 17/12/2017. We need CC Lab – II to organize this program successfully. So I request you to permit us to organize this value added course at the above said hall on the mentioned date.



Thanking you,

Place : Nagapattinam.

Date : 12-12-2017



Yours truly

1.   
2. 

**ATTESTED**

  
**Dr. S. RAMABALAN, M.E., Ph.D.**  
**PRINCIPAL**  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt), Tamil Nadu.

**E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**  
**DEPARTMENT OF CIVIL ENGINEERING**

*5 days Value Added Course in "Design and Analysis of RC Structures- Staad Pro"*

Year : III - "A & B"

Duration : 13/12/2017 - 17/12/2017

**EXPENDITURE DETAILS**

S.No	Item	Quantity	Rate of each quantity	Total cost
1.	Banner	1	260	260
2.	Marker	Blue-1 & Green-1	30	30
3.	Memento	2	430	430
5	Tea & Snacks	2 session	-	500
6.	Programme Report	1	150	150
7.	Course fee	93	1,300	1,20,900
8.	Miscellaneous expenses	-	400	400
<b>Total Amount</b>				<b>1,22,670</b>
<b>Advance Amount from College</b>				<b>70,000</b>
<b>Balance amount</b>				<b>52,670</b>

PL, No: 000770  
 Dt: 11/12/2017



1. *[Signature]*  
 2. *[Signature]*

**Coordinators**

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*  
**HOD** 20/12/17

**Dr. R. SIVAKUMAR, M.B.A., M.C., P.A.D.**  
 Professor & Head,  
 Department of Civil Engineering,  
 E.G.S. PILLAY Engineering College,  
 Nagapattinam

A/c No. 84 Date 21/12/17  
 Cheque / DD No. 785 Amount 52,670/-  
 Sign - **PAID**

**ATTESTED**  
*[Handwritten signature]*  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
 E.G.S. Pillay Engineering College,  
 Thethi, Nagore - 611 002.  
 Nagapattinam (Dt) Tamil Nadu.

No: 34165  
**CASH CREDIT BILL**  
 Date: 10/12/17  
 From: SRI PURI VI  
 SRI PURI VI  
 THIRUKKADAIYUR-609 31  
 NAGAI DIST., TAMIL NADU  
 Cell: 94438 50602  
 To: E.G.S. College  
 Nagapattinam

QTY	PARTICULARS	RATE	AMOUNT	
			Rs.	Ps
	① Flax Banner (Eggs)	25/-		
		250/-		
E. & O. E.		TOTAL		

Thank You!

\* Goods once sold will not be taken back

Signature: [Signature] 10/12/17

**A ONE STORE**  
 260/3 Public Office Road  
 Opp Raja Kalyana Mandapam  
 Vellipalayam, Nagapattinam 18.12.17

Advance - ₹ 200 /- [13.12.17]  
 Teak Biscuits - ₹ 500 /-  
 Balance - ₹ 300 /-

Paid

**ATTESTED**  
  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
 E.G.S. Pillay Engineering College,  
 Thethi, Nagore - 611 002.  
 Nagapattinam (Dt) Tamil Nadu

[Signature]

5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

## FEEDBACK FORM

Name : K. Praburajam  
Year/Sem: III/V

Date: 17/12/2017

- |  | Excellent                           | Good                                | Average                  |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. In way the trainers trained you.                | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Course contents.                                | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 3. In way the trainers cleared your doubts.        | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Impact of this training program in your career. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 5. Suggestions if any.                             | NOTHING                             |                                     |                          |

K. Praburajam  
Student Signature

## E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

## DEPARTMENT OF CIVIL ENGINEERING

5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

## FEEDBACK FORM

Name : J. Md Nubus  
Year/Sem: III/V

Date: 17/12/2017

- |  | Excellent                           | Good                                | Average                  |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. In way the trainers trained you.                | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Course contents.                                | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 3. In way the trainers cleared your doubts.        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 4. Impact of this training program in your career. | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Suggestions if any.                             | Nthg                                |                                     |                          |

Student Signature

Co Pa to ins

ATTESTED

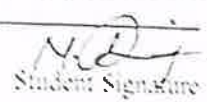
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.

**E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**  
**DEPARTMENT OF CIVIL ENGINEERING**

3 days Value Added Course in "Design and Analysis of RC Structures- Staad Pro"  
 from 15<sup>th</sup> to 17<sup>th</sup> Dec 2017  
 2017-18

	Excellent	Good	Average
1. In what way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In what way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<p align="center"><i>Nothing</i></p>		

  
 Student Signature

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**DEPARTMENT OF CIVIL ENGINEERING**

3 days Value Added Course in "Design and Analysis of RC Structures- Staad Pro"  
 from 15<sup>th</sup> to 17<sup>th</sup> Dec 2017

Name: RAMABALAN, D      FEEDBACK FORM      Date: 17/12/17  
 Year/Sem: 1/1

	Excellent	Good	Average
1. In what way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In what way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<p align="center"><i>It is very useful and enhanced my knowledge and cleared my doubts but nothing to major. The advantage is not enough found.</i></p>		

  
 Student Signature

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**Dr. S. RAMABALAN, M.E., Ph.D.**  
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E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM  
DEPARTMENT OF CIVIL ENGINEERING

5 days Value Added Course in "Design and Analysis of RC Structures - Staud Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name : P. Rajani  
Year/Sem: III/V

Date: 17/12/17

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<u>Nothing</u>		

*P. Rajani*  
Student Signature

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DEPARTMENT OF CIVIL ENGINEERING

5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name : B. Anil  
Year/Sem: III/V

Date: 17/12/2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<u>Next time also the same trainer will take the course.</u>		

*B. Anil*  
Student Signature

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*[Signature]*  
**D.S. RAMA AN**, M.E., Ph.D.  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002  
Nagapattinam (Dt) Tamil Nadu.

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5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name : Vaanmathi T  
Year/Sem : III V

Date: 17/12/2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<p>I/e had not enough class pls conduct it again. extra class</p>		

*Vaanmathi T*  
Student Signature

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5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name : R. ARUN KUMAR  
Year/Sem : III V

Date: 17/12/2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<p>It is useful on course, next time</p>		

*R. Arun Kumar*  
Student Signature

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*R. Ramabalan*  
DR. S. RAMABALAN, M.E., Ph.D.  
PRINCIPAL

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Nagapattinam (Dr) Tamil Nadu

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from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name: R. VISWANATHAN  
Year/Sem: \_\_\_\_\_

Date: \_\_\_\_\_

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.			

he need more classes for training.

[Signature]  
Student Signature

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5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name: A. Agal  
Year/Sem: III V

Date: 17/12/2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.			

Too short time to learn this course, need more time.

[Signature]  
Student Signature

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[Signature]  
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5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"

from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name : VINOTH V  
Year/Sem : IIIA

Date: 17/12/2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<p><u>Very excellent teaching for max. maximum theory part. Give more best teaching.</u></p>		

V. Vinoth  
Student Signature

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF CIVIL ENGINEERING

5 days Value Added Course in "Design and Analysis of RC Structures- Staud Pro"

from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name :  
Year/Sem: IIIA

Date: 17/12/2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.	<p><u>It is very useful in any careers. To get knowledge and doubts. Next time invite them.</u></p>		

K. Madhul  
Student Signature

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**Dr. S. RAMABALAN, M.E., Ph.D.**  
**PRINCIPAL**

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Tirth: Nagore - 611 002.

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DEPARTMENT OF CIVIL ENGINEERING

5 days Value Added Course in "Design and Analysis of RC Structures- Staad Pro"  
from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017

FEEDBACK FORM

Name : H.ALAMELO MFN(GIA)

Year/Sem : III/V

Date: 17/12/17

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Suggestions if any.

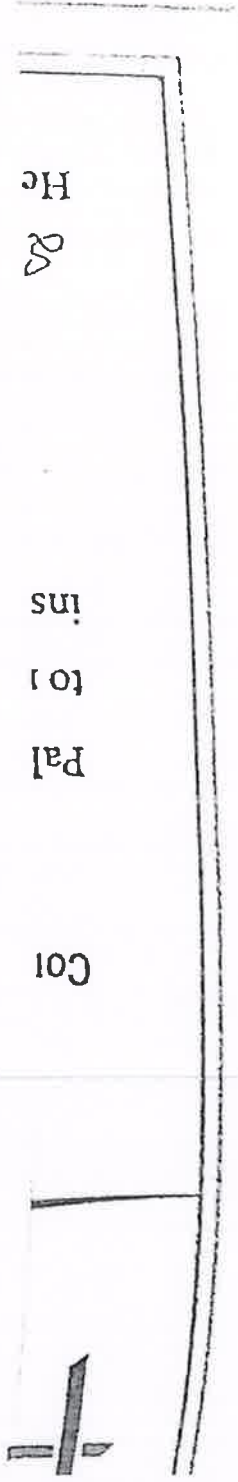
This trainers come to again

*H. Alameelo*  
Student Signature

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PRINCIPAL

E.G.S. Pillay Engineering College



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from 13<sup>th</sup> to 17<sup>th</sup> Dec' 2017

FEEDBACK FORM

Name : KAVIYARASAN . CA

Sem : III V

Date: 17/12/2017

	Excellent	Good	Average
In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Suggestions if any.

~~the~~ Period of class to be extended

ATTENDED



Dr. S. RAMABALAN, M.E., Ph.D.

PRINCIPAL

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Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.

  
Student Signature

Authorized Sign

Product

Instructor

Course Title

Name

**E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**  
**DEPARTMENT OF CIVIL ENGINEERING**

*5 days Value Added Course in "Design and Analysis of RC Structures- Staad Pro"*  
*from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017*

FEEDBACK FORM

Name : **R · KAMALI**  
Year/Sem: III/V

Date: 17/12/2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Suggestions if any.			

**ATTESTED**



**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**

**E.G.S. Pillay Engineering College,**  
Pillaiyil, Nagapattinam - 611 002.  
Nagapattinam (dt): Tamil Nadu.



Student Signature



Name

Course

Instructor

Product

Author

**E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**  
**DEPARTMENT OF CIVIL ENGINEERING**

*5 days Value Added Course in "Design and Analysis of RC Structures- Staad Pro"*  
*from 13<sup>th</sup> to 17<sup>th</sup> Dec'2017*

FEEDBACK FORM

Name :  
 Year/Sem : III/V

Date: 17-12-2017

	Excellent	Good	Average
1. In way the trainers trained you.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Course contents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. In way the trainers cleared your doubts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Impact of this training program in your career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Suggestions if any.

*5 days is not enough for this course.*

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*[Signature]*

**D. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**

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 Nagapattinam (Dt) Tamil Nadu.

*[Signature]*  
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Head Training

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*Kaviyarasan G*

Course Title .....  
*Structural Analysis*

Instructor .....  
*Manimaran G*

Product .....  
*Staad Pro v8i*

*[Signature]*  
Authorized Signature



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*[Signature]*  
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PRINCIPAL

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Therthi Nagore 611 302  
Nagapattinam (Dt) Tamil Nadu.