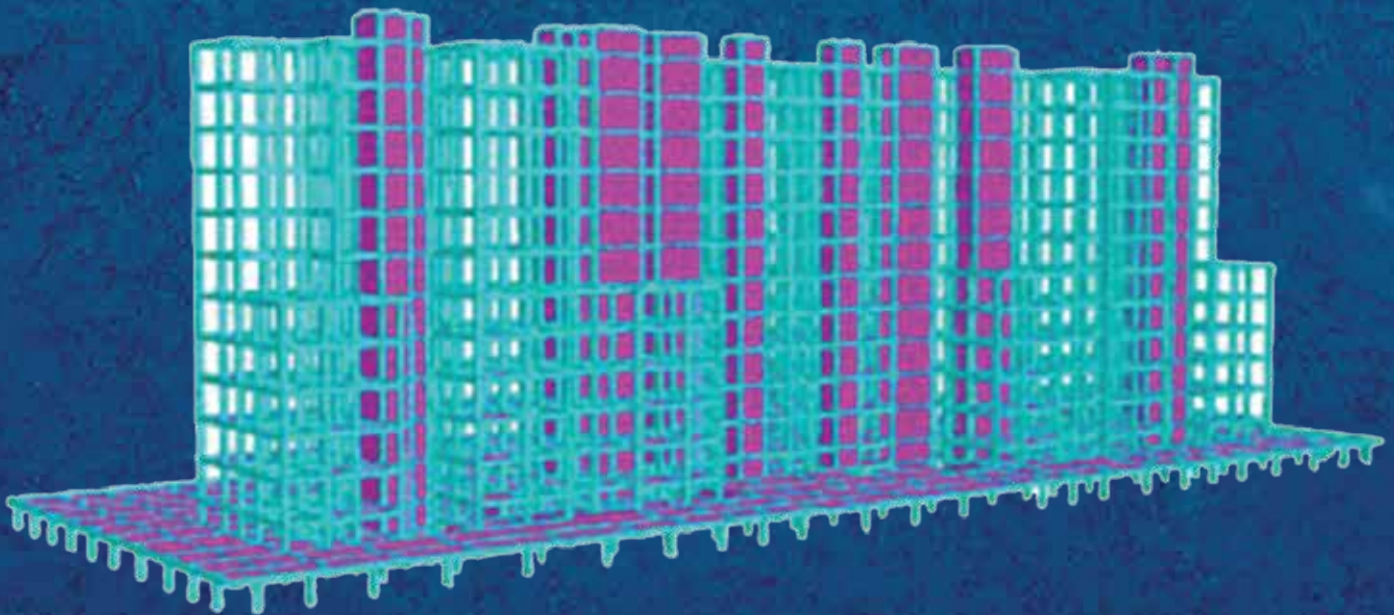




Civil ENGINEERING IIT
www.civilengineeringiit.com

Empowering Civil Engineers since 2015

STAAD Pro



Certified by ISO 9001-2015

 **9175364357 | 9545507853**

WHAT ARE THE HIGHLIGHTS OF THE COURSE ?

- Theory plus Practical Session will be conducted for Conceptual Understanding.
- You will get Valuable data required for Modelling such as Drawings, excel Sheets, IS Codes, Any other Standards etc You will get Full Educational Setup for Practice Life time support for Doubt Clarification will be given by the Faculty.
- Each Session Videos Will be provided in the form of Recording for Further Practice upto Validity of the course.
- You can directly contact with Faculty on the Whatsapp Group.
- Submission of Each & Every Project for Reviews.
- Software Installation Support.



Training on Zoom Platform on Latest Projects using latest Techniques



Name : SAURABH R PATIL

(Structural Design Engineer)

Education : DCE, BE CIVIL, ME Structure, PGDBM, AMIE Trained more than 1000+ students till date.

Experience : 6+ Yrs as Structural Design Engineer and BIM Modeller.

Expert in Earthquake Engineering, Structural Dynamics, RCC, STEEL, PEB, TIMBER, Aluminium, Cold Form Design, BIM Industry

WHAT IS COVERED IN THIS COURSE ?

STAAD Pro

MODEL NO.	AVAILABLE PROJECTS
1	Algorithm of Staad Pro
2	Manual Concept of Basic Structural Elements such as Column, Beam, Slab, Footing, Shear Wall Etc. Concepts Regarding Design, Analysis & Detailing.
3	Design of G+5 RCC Building (Live Project)_zero to hero level
4	Design of Steel Industrial Building (Live Project)
5	Design of Watch Tower (Live Project)
6	Design of Biliboard (Hoarding) Structure (Live Project)
7	Design of RCC, Prestressed Bridge (Case Study)
8	Linear Cable Analysis of a Guyed Tower
9	Design of Cold Formed Steel Structures as per American Standard (Live Project)
10	Design of Plate Girders as per IS 800 (Live Project)
11	Design of Cold Formed Solar Panel Steel Structure as per Indian Standard (Live Project)
12	Analysis & Design of Steel Pipe Rack (Live Project)
13	Linear Buckling Analysis of Structures
14	Design of Pre-Engineered Buildings(PEB) as per Indian Standard (Live Project)
15	Design of Lattice Steel Structures as per Indian Design Standards (Live Project)
16	Design of PEB Portal as per AISC360 and ASCE 07 (Case Project)
17	Non-Linear Static Analysis of Steel Structures (Pushover Analysis)

STAAD Foundation

MODEL NO.	SYLLABUS
1	Algorithm of Staad Foundation
2	Design of Pad Foundation of building
3	Design of Combined Foundation of building
4	Analysis & Design of Strap Foundation
5	Analysis & Design of Mat Foundation
6	Analysis & Design of Pile Cap Foundation
7	Analysis & Design Multiple Jobs on a Single Foundation

COURSE 1

ANALYSIS AND DESIGN OF STEEL WATCH TOWER STRUCTURE & STEEL PIPE RACK SYSTEM

MODEL 1

Introduction of STAAD.Pro & Basic Commands fro STAAD.Pro

Theory Lecture On Various Analysis (Ls,nls,ld,nld)

Theory Lecture On Various Codes For Steel Structure

MODEL 2

Analysis and Design of Steel Watch Tower Structure as per Indian Standard

Introduction To Concept Of P-delta Analysis

Introduction To Various Types Of Transmission Towers

Introduction To Watch Tower Arrangement

Modelling Of Watch Tower In Staad.pro

Assigning Specifications And Releases To The Members

Assigning Properties To The Structural Steel Members

Define Load Cases And Combinations As Per The
Indian Standards

Entering Analysis And Design Parameters Of Watch Tower
As Per Indian Standards

Value Engineering Of The Watch Tower Arrangement With
Evaluating The Results



MODEL 3

STEEL PIPE RACK SYSTEM

INTRODUCTION TO THE PIPE RACKS

Introduction To Pipe Racks, Codes That Govern Their Design

MATERIAL USED IN STRUCTURAL STEEL

Two Widely Used Types Of Structural Steel

MODELLING THE PIPE RACK IN STAAD-PRO V8I

Model The Pipe Rack In Staad Pro

DIFFERENT TYPES OF LOAD AND THEIR CALCULATIONS

Calculate Dead Loads And Assign In Staad.pro

Calculate Product Loads And Assign In Staad.pro

Calculate Thermal Loads And Assign In Staad.pro For
Pipe Racks

Calculate Wind Loads And Assign In Staad.pro

LOAD COMBINATIONS , SUPPORTS AND THEIR APPLICATION IN STAAD

Define Load Combinations And Supporting Conditions To
The Pipe Racks

ASSIGN PROPERTIES AND SPECIFICATIONS TO THE STAAD PRO

Assign Properties And Specifications To Pipe Racks

ADJUST THE ORIENTATION OF THE MEMBERS IN STAAD PRO

Rotate The Orientation Of The Column In Staad Pro
(Adjusting Beta Angle)

HOW TO FINALLY DESIGN THE PIPE RACK IN STAAD PRO

Analysis And Design Final

CHECK THE FINAL RESULTS IN STAAD.PRO

Checking The Reactions, Displacements And Bending Moments Etc. Of The Structure

STAAD EDITOR AND ITS APPLICATIONS

UNDERSTANDING STAAD EDITOR IN REAL

BASICS WORKING IN STAAD PRO - WALKTHROUGH



*HOW DO YOU GET JOB PLACEMENT ASSISTANCE?

 WE CONDUCT EXAMINATION FOR YOUR PLACEMENT ASSISTANCE



 WRITTEN TEST
 MODELLING TEST



 MOCK INTERVIEW

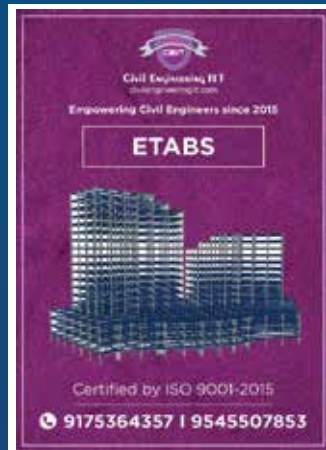


Job Placement Assistance Available For Internships More Than 12 Months Only

OUR OTHER COURSES AVAILABLE ARE



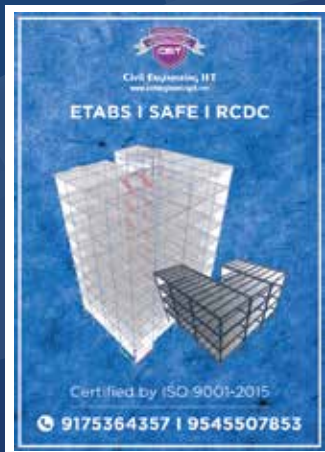
BIM



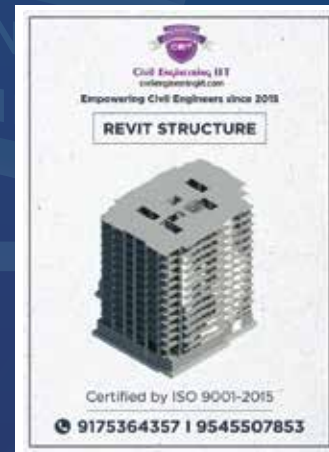
ETABS



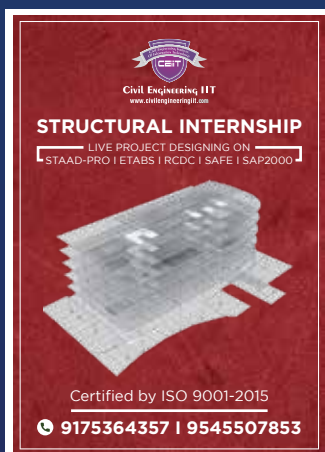
SAFE



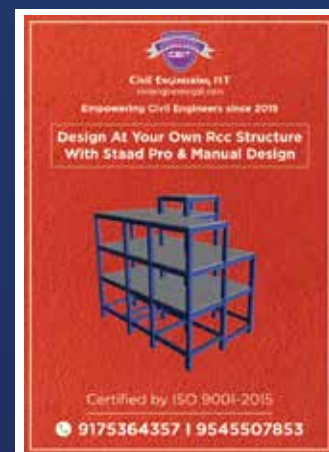
ETABS, SAFE, RCDC



REVIT STRUCTURE



STRUCTURAL INTERNSHIP



**Design at your Own
RCC Structure with STAAD
Pro & Manual Design**

WHAT'S MY BENEFIT ?

Trained **14000+** Civil Engineers



Highly Qualified & Industry Experienced Faculty



Certified By ISO 9001-2015 (QMS)



Certified By Global Euro Accreditation



Recorded Sessions Available On Our Respective App



Doubt Clearing Sessions



Whatsapp group support for lifetime



View Lectures Unlimited Time



No Travel Time For Classroom



HOW TO ENROLL FOR THIS COURSE

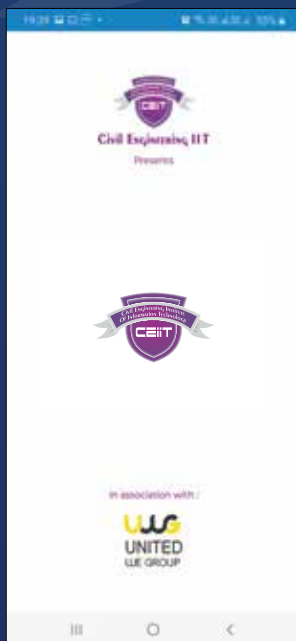
DOWNLOAD CEIIT APP

CLICK HERE



HOW TO SELECT COURSE & MAKE PAYMENT

Step 1



App Home Screen

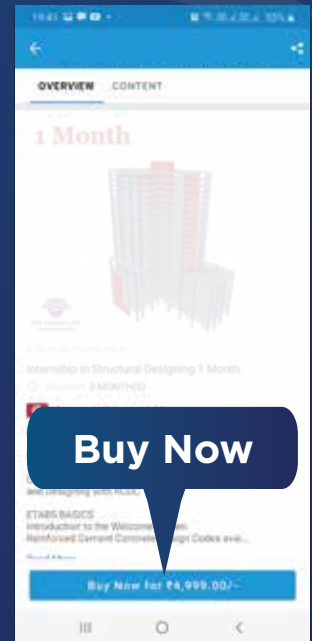
Step 2



Step 3



Step 4



FAQ (Frequently Asked Questions)

1. When are the batches Planned? -Batches are formed every month, for more details contact 9112078538 / 34 / 39
2. Is this course available in Online/Offline ? - Yes, courses are available on both Modules
3. What are the Methods for payment of fees?-Payment are accepted Only via CEIT App . There are lot of options of payment on the App like Net banking, Debit cards, credit cards, EMI on Credit Cards, Wallets.
4. Can I get Installments in fee? - Fees must be paid in one go to our institute However there are some EMI facilities provided from bank, you can check its procedure on app, or contact 9112078538.
5. Can I cancel my admission ? - No, admission once taken cant be cancelled and fees once paid is non refundable for any reason. Admission is non transferable at any circumstances
6. How to Download App & Register for Course ? - You can do with Various Ways-
 - **Android App Link CEIT App:** bit.ly/ceit_app
 - **Android App Link Internship App:** https://bit.ly/internship_app
 - **Android App Link TenderGuru App:** <https://bit.ly/tenderguru>
 - **Steps to login using iPhone, CEIT Phone:** <https://bit.ly/ceitios>
 1. Download Classplus App from App store.
 2. Enter org code of your app. (Org code - ceit)
 3. Enter mobile number and click on Continue.
 4. Enter the OTP and Verify. It's Done.

Note: Register using as a Student, not parent.
7. Are Payment accepted on the spot/offline? - No, Due to ovelwhelming response our batches are full so no on the spot entries allowed. Due to limited seats, making seating arrangements for spot entries gets difficult.
8. Where can i find the Syllabus content of course - You can find it on our respective apps.

9. Are you providing Placements ? - Yes, We offer Placement support to our Interns who has taken more than 12 Months internship. There is no placement for this course, but we are adding you in our Jobs group specially for our students, you will find reference jobs over there.
 10. Where do the classes gets conducted ? - Online on Zoom App & Offline At Pune Main Institute.
 11. Teaching faculty name - Can be found in the Broucher.
 12. Whether notes are provided ? - Yes in Soft copy we will provide important reference material.
 13. How much discount will you offer on courses ? - CEiiT Dicount Policy is there, we offer discounts based on the courses.
 14. Where we get Software ? - After admission we will guide you completely in getting necessary softwares installed on your system.
 15. Is there any Demo lecture? Yes, you can find it on our App.
 16. What if we miss any lecture: All our sessions are recorded and uploaded on our App only?- You can watch and download them in app only for offline viewing.
 17. What is the Duration of the validity of these Recorded sessions? You can watch the recorded session unlimited time for the period mentioned on app as "Validity"
 18. Information about current batch such as batch timing , Start date, Syllabus covered in current batch, etc.: For more details contact 9112078538 / 34 / 39
 19. When do we get Certificate? & How? - Certificate will be issued after completion of the course, you need to apply for it. Certificates issued in Digital Formats. Hard copy can also be provided on your request with a nominal cost.
 20. Institute Establishment & more detail about the institute ? - Institute is establised in the year 2015.
- Visit us on **www.civilengineeringiit.in** & **www.civilengineeringiit.com** / on our social Media Platforms **civilengineeringiit** (Facebook, Instagram, Telegram, LinkedIn, Youtube)

DISCOUNTS POLICY

Discounts Policy

- Diploma / BE Student : **20%** Discount
- No Discount for MTech Student or passed out students
- Students need to carry I card & Recommendation letter from college HOD on college Letterhead.

A

On 100% Payment

- 8 days Prior to Batch: **10%**
- 15 Days Prior to Batch: **15%**
- 30 Days Prior to Batch: **25%**
- 60 Days Prior to Batch: **30%**

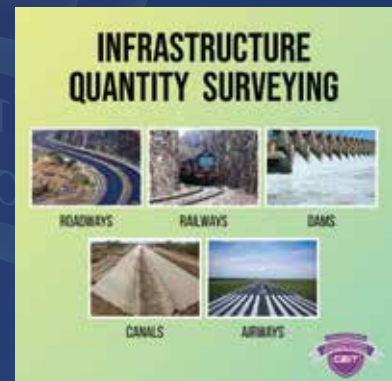
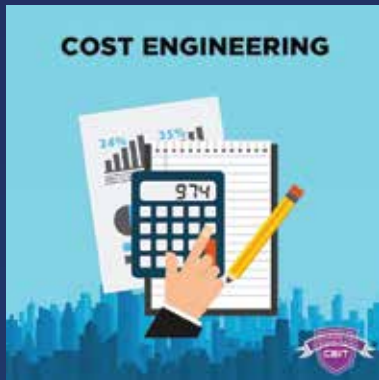
B

Group Discounts on Booking at a Time

- 3+ Participants Group : **10%**
- 5+ Participants Group: **15%**
- 10+ Participants Group: **20%**
- 20+ Participants Group: **30%**
- 30+ Participants Group: **40%**
- 50+ Participants Group: **50%**

A & B can be clubbed together if **100%** Advance payment as per days decided.

OUR OTHER ESSENTIAL TRAINING FOR CIVIL ENGINEERS



VISIT OUR CEIT APPS



CEIT APP



ETENDERLAB APP



INTERNSHIP APP

OUR HONOURABLE INDUSTRY SPEAKERS



**ER. Subhash
Pathak**



**ER. Shirang
Palande**



**ER. Prakash
Medhekar**



**ER. Mahendra
Avhad**



**ER. Satish
Kumar Nair**



**ER. Rajesh
Jujare**



**ER. Prakash
Bhat**



**ER. Mayur
Pangrekar**



**ER. Kedar
Shelar**



**ER. Rupali
Desai**



**ER. Mitesh
Bhatt**

HOW TO CONTACT US ?



3rd Floor, Ketaki Premises, Beside Alka Talkies,
Navi Peth, Near Deccan Gymkhana, Pune 411030



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VISIT OUR SOCIAL MEDIA SITES

