

SAI ENGINEERING ACADEMY

Just for Civil Engineers....



[www.saiengineeringacademy.com]

www.civilengjournals.com

Head Office :

3rd FLOOR G.R.R COMPLEX ,Above ICICI DIRECT, S.R. Nagar, Hyderabad, T.S.

Ph : 9492803132, 9052393214, 040-40072659

SAI ENGINEERING ACADEMY

CIVIL ENGINEERING JOB ORIENTED COURSES

Just for Civil Engineers....

QUANTITY SURVEYING SYLUBUS

1.Introduction :

Definition of Quantity Surveyor, Essentials, Role and Responsibilities of QS, Organization Chart (Including Authority and Accountability), Professional Duties of QS.

2.Unit Conversion

(Mainly on M.K.S System)

3.Estimation

Definition, Role of QS in Estimates, Purpose, type of Estimates, Data required for estimates. Uses of Estimates. Factors to be consider during preparation of all types Estimation. Description of an Item of Work, Unit of Measurement and Principles deciding the units, Mode of Measurement of Building works. Owner's and Contractors Estimate

4.Rules and Method of Measurement - Taking of quantities

Method of Measurement of works - General rules which are applicable during the calculation of Quantity for different associated items. Units of measurement for different items, various units and standard modes of measurement for different item of work and materials as per IS:1200. Standard Measurement Form. Deduction criteria for various items of works.

5.Estimation and Costing of Construction works

Buildings, Road, Irrigation and Sanitary and a mock up Exercise

6.Specifications

Importance, Objective, Importance, Use, Types /Classification of Specifications, Requisites of Good Specifications, Specifications of Typical Items, Standard Specification

7.Rate Analysis

Prerequisites, Requirement of the rate analysis, Factors affecting rate analysis, Procedure for Rate Analysis, Quantity of Materials per unit rate of work, Estimating Labour, Cost of equipment of tools and Plant, Overhead Expenses, Contractor Profit, Task of work, Schedule of Rates, Revision of Rates. A mock up Exercise

8.Tendering and Contractual Prodecures

Contracts and Form of Contract, Types of Contracts, Preparation of Tender Documents, Contract Documents, Publicity of Tenders, Tender Notice, Sale of Tender Document, Accounting of Tender Documents, Administration of Contracts, Standard form of Contracts, Enlistment of Contractors.

9.Negotiation

10.General Condition on Contracts

Introduction to FIDIC Concepts, MoRT&H

11.General Contractual Conditions

Overview on General and Specific Conditions, Conditions Regarding EMD, SD, Time as an Essence of Contract, Conditions on Addition, Alteration, Extra items, Testing of materials, Defective Works, Sub-Contracting, DLP, Retention Money, Interim Payment - Running Account Bills, Advance Payments & Secured Advances, Final Bill. Liquidated Damages, Termination of Contract.

12.Billing Systems - (Abstracting and Billing)

Bill and Voucher, Types of Bills, Types of Payment, Preparation, Scrutinising and Payment of Bills, Contractor's Ledger, Completion Report and Certificate, Maintenance of mandatory Compliance, Refund of Deposits.

13.Construction Economics

14.Concepts of ISO in Quantity Surveying

15.Preparation of QS Technical Reports and Handling of Concern Data

Issue of Lol, Review on Contract Agreement / Work Orders and important documents, ABG, CPBG, Letter of Credit, Budget Planning, Comparative Statements, Handling of Inspection Reports, Reviews on Daily / Monthly/ Weekly /Monthly / Progress Reports, Weekly Analysis Reports, Drawing Updates, Meeting Records, Presentations, Minutes of Meetings, Graphical Representation of Quantities / Strip Charts, Machinery Reports, Procurement List, Billing Formats, Details of Sub-Contractors and their Checklists, Reconciliation of quantities, Micro-Programming, Project Updates, Handling of Correspondences and other Management Information Reports

16.Quantification and Documentation - It's Controlling

17.Co-Ordination with Planning Department

18.Contract Legal Issues

The law of Contracts, Definition of Terms connected with Contractual Problems, Important Conditions of Contracts and Construction Litigation

19.Claims and Disputes, Disputes Resolution Techniques

20.Arbitration and Conciliation Act 1996

21.Contract Administration

22.BOT Concept for Infrastructure Development and Management

23.Procurement

24.Construction Technology

Subsurface Investigation, Foundations, Masonry Construction, Plain and Reinforced Concrete Construction, Types of Columns, Slabs and Walls. Plastering

25.IT and Communication



Head Office : 3rd FLOOR G.R.R COMPLEX ,Above ICICI DIRECT, S.R. Nagar, Hyderabad, T.S.

Ph : 9492803132, 9052393214, 040-40072659

II. SURVEYING OBJECTIVE

At the end of the course the student will possess knowledge about Chain surveying, Compass surveying, Plane table surveying, Leveling, Theodolite surveying and Engineering surveys.

TOTAL STATIONS

1. The Total station is an electronic theodolite (transit) integrated with an electronic distance meter (EDM) to read slope distances from the instrument to a particular point. Robotic total stations allow the operator to control the instrument from a distance via remote control.

The instrument can be used to measure horizontal and vertical angles as well as sloping distance of object to the instrument.

Microprocessor unit processes the data collected to compute:

1. average of multiple angles measured
2. average of multiple distance measured
3. horizontal distance
4. distance between any two points
5. elevation of objects and
6. all the three coordinates of the observed points.

Advantages of Using Total Stations

The following are some of the major advantages of using total station over the conventional surveying instruments:

1. Field work is carried out very fast.
2. Accuracy of measurement is high.
3. Manual errors involved in reading and recording are eliminated.
4. Calculation of coordinates is very fast and accurate. Even corrections for temperature and pressure are automatically made.
5. Computers can be employed for map making and plotting contour and cross-sections. Contour intervals and scales can be changed in no time.



QC/QA:

GEOTECHNICAL ENGINEERING LAB LIST OF EXPERIMENTS 1. Atterberg's Limits (LL & PL) 2. Field density-core cutter and sand replacement method 3. Grain size analysis (Sieve and Hydrometer analysis) 4. Permeability of soil, constant and variable head test 5. Compaction test 6. CBR Test 7. Consolidation test 8. Unconfined compression test 9. Tri-axial Compression test 10. Direct shear test. 11. Vane shear test I. **ROAD AGGREGATES:** 1. Aggregate Crushing value 2. Aggregate Impact Test. 3. Specific Gravity and Water Absorption. 4. Attrition Test 5. Abrasissolved solids (Organic and Inorganic) **CONCRETES: TESTS ON CEMENTS:** 1. Normal Consistency of fineness of cement. 2. Initial setting time and final setting time of cement. 3. Specific gravity and soundness of cement. 4. Compressive strength of cement. 5. Workability test on concrete by compaction factor, slump and Vee-bee. 6. Young's modulus and compressive strength of concrete. 7. Bulking of sand. 8. Non-Destructive testing on concrete (for demonstration) **ENVIRONMENTAL ENGINEERING LAB LIST OF EXPERIMENTS** 1. Determination of pH and Turbidity 2. Determination of Conductivity and Total dissolved solids (Organic and Inorganic) 3. Determination of Alkalinity/Acidity. 4. Determination of Chlorides. 5. Determination of iron. 6. Determination of Dissolved Oxygen. 7. Determination of Nitrates. 8. Determination of Optimum dose of coagulant 9. Determination of Chlorine demand 10. Determination of total Phosphorous. 11. Determination of B.O.D 12. Determination of C.O.D 13. Determination of Optimum coagulant dose. 14. Determination of Chlorine demand. 15. Presumptive coli form test



I. STRUCTURAL DESIGN **Staad pro v8i**

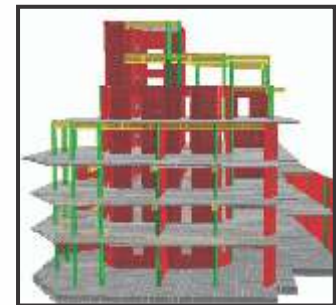
- Application of STAAD in Buildings
- Type of Elements- Plane Element
- Model Generation- Creating models Example: Beams, Frames Etc...
- Geometry Functions- Properties & Supports of Models
- Loadings- Load Combinations of Dead, Live, Wind, and Seismic as per IS codes IS-875 Part-I/ II/III/1893:2002 respectively.
- Analysis & Post Processing- Checking Bending Moments
- Shear Force & Deflections
- Model a Residential Building- Modeling, Residential Loadings & Analysis
- Model a Commercial Building- Modeling, Commercial Loadings & Analysis
- Multi Story Residential Building- How to Model G+5
- How to apply Wind Load as per IS-875 III- Effect of wind loads on multi story buildings.
- Seismic Loading as per IS-1893:2002-Find Base Shear Diff Load Combinations Etc..
- Designing- Concrete Design as per IS-456:2000 & SP-13, Reinforcement Detailing with SP-34.



II. ETABS / SAFE:

Etabs is a computer aided analysis and design software used to solve the multistoried structures indeterminacy in few seconds by dividing the entire structure into objects with most accuracy, various types of structures such as concrete etc., can solve most economical way of designing can achieve by using CSI Etabs The course content helps you to design a ground + 30 storied building with a varied types of elements such as flat slabs, raft slabs, shear wall, design independently with full concept oriented programs will guide you check the structural output will manual design checks.

- Modeling
 - Introduction
 - Objective
 - File operation
 - Etabs window / floor information
 - Creating basic grid systems
 - Creating structural model
 - Defining storey data
 - Add structural objects using templates/manually
 - Drawing of point, line and area objects
 - Reference lines and planes
 - View, Selection & Options
 - View Management
 - Object Selection
 - Options and preferences
 - Assign model properties for beams/ columns/slabs / shear wall/ flat slab & raft slabs.
- Load case
 - Objective
 - Define static load case assignment
 - Point object assignments
 - Line object assignments
 - Area object assignments
 - seismic loads
 - wind loads
 - Self weight multiplier
 - Modify an existing static load case
 - Delete existing static load case
 - Load combination
- Analysis the model
 - Model analysis with various combination for both Gravity/ Horizontal loads
 - Analysis options
 - Analysis log
 - Locking and unlocking the model
- Results & Graphical Output(analysis output)
 - Study of Bending, shear & torsion for Beam members
 - Study of Axial load & Bi axial moments for Column members
 - Study of Deformation of nodes and deflection of various structural members.
 - Check for overall stability of the structure.
- Editing
 - Cut, copy and paste
 - Replicate
 - Frame and area meshing
 - Point and line extrusion
- Text Input and File Export/Import
 - Text input file
 - Export options
 - Import options
- Design
 - Assigning design parameters as per I.S 456
 - Study of Design summary results in terms of percentage of reinforcement.
 - Study of detail results for an individual members
 - Study of Design report for each structural component like (Footing, Column, and Beam /shear wall).
 - For flat slab/ raft slab design export the data to CSI SAFE.
 - Check for punching and bending for raft and flat slab using CSI SAFE.
 - How to assign the data for various elements like (footings, columns and beams) to the R.C.C detailer.
- Preparation of Design Reports
 - Details result summary for Geometry
 - Load cases & Combination
 - Design summary for columns, beams.
 - Reactions for footings. • One building real time project.



STRAP:

- Introduction of Strap & basic concepts of RCC structures
- Manual introduction of footing and column
- Introduction of beam and slab
- Introduction of stair case and loads
- Staad pro starting procedure & loads applicable
- Second example with DL&LL-with three method
- Therd example with DL calculations with staad model
- Fourth example with DL calculation of different sizes walls with staad model
- Fiveth example with DL +LL + Slab load calculation with model
- Sixth example with 57 combination of loads & different floor heights & beams
- Real time project

Prokon:

- Introduction of prokon & basic concepts of RCC structures
- Manual introduction of footing and column
- Introduction of beam and slab
- Introduction of stair case and loads
- Staad pro starting procedure & loads applicable
- Second example with DL&LL-with three method
- Therd example with DL calculations with staad model
- Fourth example with DL calculation of different sizes walls with staad model
- Fiveth example with DL +LL + Slab load calculation with model
- Sixth example with 57 combination of loads & different floor heights & beams
- Real time project

SAP:

- Structural analysis progress
- Introduction of Sap & basic concepts of RCC structures
- Manual introduction of footing and column
- Introduction of beam and slab
- Introduction of stair case and loads
- Staad pro starting procedure & loads applicable
- Second example with DL&LL-with three method
- Therd example with DL calculations with staad model
- Fourth example with DL calculation of different sizes walls with staad model
- Fiveth example with DL +LL + Slab load calculation with model
- Sixth example with 57 combination of loads & different floor heights & beams
- Real time project



BUILDING INFORMATION MODELING (BIM)



TRANSPORT ENGINEERING & GEOTECHNICAL ENGINEERING

1. MX ROADS

Bentley MXROAD is an advanced, string-based modeling tool that enables the rapid and accurate design of all road types. With MXROAD you can quickly create design alternatives to achieve the "ideal" road system. Upon selection of the final design alternative, MXROAD automates much of the design detailing process.

Digital Terrain Model (DTM) creation and analysis, full alignment, road and junction design capability, 2D and 3D drainage design, volume and quantity extraction, 2D and 3D PDF creation, integration with Google Earth, and automated production of contract drawings complete a tool set that allows MXROAD users to feel confident tackling the design of any type of road, large or small.

(2) F PAVEMENT (3) KENLAYER (4) BLACKGA (5) CIVIL 3D (6) E SURVEYING (7) IIT PAVEMENT

ARCHITECTURAL DESIGN & INTERIOR DESIGN

3DS MAX, PHOTO SHOP, CORAL DRW

3DS MAX Formerly known as "3D Studio," 3ds Max is a 3D modeling, and rendering program from the Media and Entertainment division of Autodesk, Inc. used to render various elevations of building with all natural aspects like materials lighting etc.



3D Max Design (For Architects, Interior Designers, Civil Engineers & Architectural Visualizers)

Basic tools

1. Modeling

- Intro to 3ds Max, UI, Navigation tools, Transform tools
- Poly modeling, Architectural Modeling using different Units/standards
- Architectural Project : Interior
- Architectural Project : Exterior
- Architecture Project Elevations

2. Texturing

- Material Editor/Slots/Effects(Mirror,gold,sliver etc..)
- Different Materials/shaders
- UVW maps
- Photoshop for textures

3. Rendering

- Lights, Camera, introduction to Rendering, different rendering engines
- Mental Ray rendering, GI, FG, caustics.

4. Animation, Post Production

- Basics of Animation,
- Animation using Path constraints

100%
Production
Training



3. Introduction & RCC Screen Details- Details Of Auto Cad

AUTOCAD AND REVIT (RCC DETAILING SP-34):

The training module on Indian Standard **RCC DETAILING (SP-34)** consists of how to prepare the construction drawings in AutoCAD for buildings and all miscellaneous structures associated with it and the same are slated below. All the items will be trained in all respects considering the design requirements.

- Title Bar & Menu Bar.
- Function Keys-Details of Function Keys &
- Giving Idea on Co-ordinate System
- Drawing Tools - Explanation and Detail Uses of Draw Commands
- Modifying Commands- Explanation and Detail Uses of Modifying Commands
- Drawing plan in Auto Cad- Details drawing plans of building, Doors, Windows, Etc...
- Drawing plan in Auto Cad - Details drawing plans of building,
- Columns- Texts
- Column & Footing Centring,-Grid Line Marking,
- Placing of Columns and Footings
- Footing & Column Detailing-Section Reinforcement Details
- Beam Detailing-Section Reinforcement Details
- Slab Detailing -Section Reinforcement Details
- Stair Case Detailing - Section Reinforcement Details



STEEL DETAILING(TEKLE,SDS)

Steel Fabrication detailing The job opportunities for Structural Design Engineers are increasing considerably due to the increase in growth of Industrial oriented projects such as, Power Plant & other steel structures Apart from Civil & infrastructure projects. With a greater Vision of providing Industrial exposure, we are offering Different career oriented Drafting programs, so that they can establish Themselves in various Industries as Structural Design Engineer, Civil Structural Detail Engineers, Structural Draftsman, Structural Designer etc.,

Contents:

- Introduction Plant Industries Structures
- Structural Products and Shapes
- Member Sectional Properties and Codes & Standards
- Welding Standards, Bolting Standards
- Detailing Glossary
- Detailing Process Flow Chart
- Auto Cad Detailing and Cad — Standards
- Introductions on Typical Connections
- Bolted Connections & Welded Connection
- Member Detailing – Column, Beam, Bracings, tie Members
- Preparation of Shop Drawings with an Example
- Anchor Bolt Plan, Erection Plan & Embedded Plan
- Column Assembly Drawing
- Beam Assembly Drawings
- Bracing Assembly Drawing Etc.,
- Preparation of BOM & Detailing Of Miscellaneous Items
- Stair Case Detailing & Handrail Detailing
- Plate Detailing & Ladder Detailing
- Preparation of Shop Drawings
- Detailing/Editing
- Checking Procedures and Check List
- Check List for Anchor Bolt Plan & Erection Plan
- Check List for Column Assembly & Beam Assembly Drawings



4. Construction Project Planning Management

PRIMAVERA P6

- Introduction of PRIMAVERA
- Calendars – defining hourly & daily calendar , weekly ,monthly
- Actives – definitions ,sequencing & estimation duration
- Effectively using the four types of PDM relationship
- Scheduling the project
- Using PERT char
- Defining constraints & overcoming conflicts
- Defining & Assigning Activity codes
- Defining &Assigning WBS codes
- How to Organize the Activities by using Activity codes &WBS codes
- Reorganizing activities
- Filtering activities
- Defining project codes
- Preparing resource information
- How to apply resource to each activity
- Estimating cost of the Project &
- Creating cost account numbers
- How to analyses the resource by using resource profile &resource table
- How to do resource leveling &resource smoothing using crashing, stretchng & splitting
- Scheduling multiple projects & preparing a master project
- Updating the project progress & comparing the actual process with the baseline
- Analyzing earned value management



- Preparing different types of tabular & graphical reports according to the industrial needs.
- How to prepare 'S' curve.
- Highlighting the progress in the Bar chart.
- Application of Global change.
- Using report writer.
- Custom data items.
- Export to excel.
- Import from excel.



MS PROJECT

- Introduction of MS PROJECT
- Calendars – defining hourly & daily calendar , weekly ,monthly
- Actives – definitions ,sequencing & estimation duration
- Effectively using the four types of PDM relationship
- Scheduling the project
- Using PERT char
- Defining constraints & overcoming conflicts
- Defining & Assigning Activity codes
- Defining &Assigning WBS codes
- How to Organize the Activities by using Activity codes &WBS codes
- Reorganizing activities
- Filtering activities
- Defining project codes
- Preparing resource information
- How to apply resource to each activity
- Estimating cost of the Project &
- Creating cost account numbers
- How to analyses the resource by using resource profile &resource table
- How to do resource leveling &resource smoothing using crashing, strecting & splitting
- Scheduling multiple projects & preparing a master project
- Updating the project progress & comparing the actual process with the baseline
- Analyzing earned value management
- Preparing different types of tabular & graphical reports according to the industrial needs
- How to prepare 'S' curve
- Highlighting the progress in the Bar chart
- Application of Global change
- Using report writer
- Custom data items
- Export to excel
- Import from excel



Corporate Interview Selection Training

PART-1 (Interview Selection Program)

1. General Aptitude Tests
 - a. Visual Reasoning
 - b. Numerical reasoning
 - c. Quantitative Reasoning
 - d. Data Interpretation
 - e. Business Judgment & Data sufficiency Tests
 - f. Geometry Tests
 - g. Accounting & Business comprehension tests
 - h. Realistic advance numeric tests
 - i. Verbal analysis
 - j. Sequential Reasoning
 - k. Spatial recognition
 - l. Three-D Tests
- m. Systems test
- n. Vocabulary tests
- o. Aptitude profiling & IQ
- p. Personality Tests
- q. Motivation Tests
2. Resume Making
3. Interview Tips
 - a. Do's and Don'ts.
 - b. Frequently Asked Questions
 - c. Mock Interviews
4. Group Discussions
 - a. Types of GD
 - b. Do's and Don'ts
 - c. GD Titles
 - d. Mock GD's
5. Job Applications
 - a. Methods of application
 - b. Cover letters
 - c. Follow up letters
 - d. Resignation letters




PART-2 (Soft Skills)

1. Personality Development
 - a. Communication Skills
 - b. Leadership Skills
 - c. How to influence others
 - d. Spirituality and Life
 - e. Leading a successful life
2. English Accent Training
3. Career Planning & Goal Setting
4. Dealing with office politics
5. Presentation and Seminar Skills
6. Public Speaking

CERTIFICATE

ISO certified certificate of completion of course will be given to each student for each course they complete. The certificate is not only valid in India and also in abroad (In Gulf countries).





SAI ENGINEERING ACADEMY

Just for Civil Engineering

3rd FLOOR G.R.R COMPLEX ,Above ICICI DIRECT, S.R. Nagar, Hyderabad, T.S.

S.E.A. No : **1419**

Certificate

This is to certify that Mr/Ms _____
S/o, D/o _____ Has Successfully Completed Class room & Practice
on A “**STADPRO**” During 04-02-2015 to 20-03-2015

SASHIDHAR KAKULA
Department Head

Visit us @ www.saiengineeringacademy.com
www.civilengjournals.com
Contact : @ 9492803132,9052393214

BOGE ASHOK REDDY
Director - SEA

GOVT JOB & COMMON ENTRANCE TESTS

GATE IES PGGET ECET APPSC TSPSC AE/AEE SSC RRB

Class Room Coaching

The Class Room Coaching is offered at Hyderabad, Tirupathi for GATE, IES(UPSC Engineering Services), JTO, APPSC, APSEB (Hyderabad only) and other PSU's.

For GATE

- **Civil Engineering (CE)** • **Mechanical Engineering (ME)**

Long term batches (5 to 7 months), Summer crash batches (50 to 60 days), winter crash batches (50 to 60 days) and week-end batches (7 to 8 months) are available. The student has to choose any one of the above batch depending upon his/her convenience. The further details of each of the above batches are as follows.

Long term Batches.

(ME, CE,). These batches commence from January 1st week onwards, generally. In this category, Morning batches, Evening batches and Day batches are available with class timings as below.

Morning Batches: Classes will be held daily from about 6 AM to 7:45 AM. However, on all Sundays and public holidays extra classes will also be held for 4 to 8 hours. The approximate total duration of the programme is 6 to 7 months.

Evening Batches: Classes will be held daily from about 6:15 PM to 8:15 PM. However, on all Sundays and public holidays extra classes will also be held for 4 to 8 hours. The approximate total duration of the programme is 6 to 7 months.

Daytime Batches: Classes will be held daily in day time for 3 to 8 hours. There may be one day holiday in each week (some times). The approximate total duration of the programme is 5 to 6 months. These batches are more convenient to the students who have already completed B.Tech and available in day time.

Summer Crash Batches

(ME, CE,). These batches commence from August 1st week onwards, generally. Classes will be held daily for 6 to 12 hours. The approximate total duration of the programme is 50 to 60 months. These batches are more convenient to the non local students who are studying 3rd year or 4th year to attend during summer vacation.

Winter Crash Batches

(CE, ME). These batches commence from November 2nd week onwards, generally. Classes will be held daily for 6 to 8 hours. The approximate total duration of the programme is 1.5 to 2 months. These batches are more convenient to the non local students and others to attend during winter vacation.

Week-end Batches

(For CE & ME only). These batches commence from January 3rd week onwards, generally. Classes will be held Saturday after noon and full day on Sundays and other public holidays for 6 to 12 hours. The approximate total duration of the programme is 7 to 8 months. These batches are more convenient to the non local students who can attend in the week ends.

NOTE: The above course time schedule is only tentative. Depending upon the time available before the exam and other reasons, there may be slight variations in the above courses and time schedule.

Interested students can take admission by paying the fee in cash/DD along with the application form and enclosures at our SEA office designated cash counter.. The application forms is available at our main office,

FACULTY INFORMATION

PAPER-1(GENERAL STUDIES):

- 1.M.Mahesh (IAS Aspirsnt,3years experience)
- 2.T.Thirupathi (IAS Aspirsnt,3years experience)
- 3.D.Sandeep (IAS Aspirsnt,4years experience)
- 4.Amarnsth (PHD in OU, 7years experience)
- 5.Santhosh (IAS Aspirsnt, 2years experience)

PAPER-2 (Sm&Fm): 1.G.Ashok (junior Research fellow in CSIR) PAPER-3(10 core Subjects):

1. Vamsi (M.S in London,7years experience)
2. Jaya Sundar (NIT Nagpur, 3years experience)
3. Sujatha (IIT Hyderabad 6years experience)
4. Venkat (NICMAR 4years experience)
5. Vaishnavi (M.tech from NIT Warangal, 2yrs exp)
6. Vamsidar (M.tech in Thermal, 4years experience)
7. Praveen Reddy(M.tech from IIT hyd,3years experience)
8. Parameswar rao(M.tech in M.D from IIT hyd, 5yrs exp)

PLACEMENT RECORD

The SEA's primary aim is to provide all possible help and assistance to the students in their efforts to find suitable employment.

Assists them in obtaining placements in reputed companies across various construction sectors. We have absolutely excellent placement record. Over 10000 students have placed in various reputed national and multinational companies since JAN-2014.

100 %
PLACEMENT
ASSISTANCE

INTERNATIONAL JOURNALS & YEARLY MAGAZINE

Journal of Civil Engineering Research is an open access scientific journal intended to bring together the information in different areas of civil engineering around the world. The aim of this journal is to combine theory and practice in civil engineering and thus advancement of civil engineering sciences. It will provide a platform for academicians, researchers and engineers to share their experience and solution to problems in different areas of civil engineering. International Journal of Civil and Structural Engineering is a quarterly peer reviewed journal published by **SAI ENGINEERING ACADEMY (SEA)**. It is one of the pioneering start up journal in Civil and Structural engineering which receives high quality research works from researchers across the globe. The journal publishes original research and review papers falling within the broad field of Civil Engineering which includes, Subject areas suitable for publication include, but are not limited to the following fields:

- Behavior of Structures and Materials Under Extreme Environmental Conditions
- Building Materials and Structures
- Computational Mechanics
- Physical and computational models in engineering
- Constructions Technology
- Fire engineering
- Geotechnical Engineering
- Information Technologies in Construction
- Physical properties of engineering materials
- Soil Mechanics
- Structural dynamics
- Structural integrity and reliability
- Structural health monitoring
- Structural Mechanics and Physics
- Structural optimization
- Wind engineering
- Highway Engineering, Environmental engineering



**Note : Civil Engineering Journal
Released on Every year in August**

website : www.civilengjournals.com

*** 100+ CIVIL ENGINEER JOB ORIENTED
COURSES AVAILABLE**

*** B.TECH/M.TECH MINI & MAIN
ACADEMIC PROJECTS**

ALL FACULTIES PRESENT WORKING IN MNC COMPANY'S & MINIMUM 10 YEARS EXPERIENCE FACULTY

DETAIL ENGINEERING
SITE ENGINEERING
TRANSPORTATION
& GEOTECHNICAL
CONSTRUCTION
PLANING & MANAGEMENT
ARCHITECTURAL &
INTERIOR SOFTWARE

APPSC **AE/AEE** **IES**
GATE **SSC** **UPSC**
TSPSC **RRB**

B.TECH/M.TECH MINI & MAIN
ACADEMIC PROJECTS



SAI ENGINEERING ACADEMY

Just for Civil Engineers...

Head Office :

3rd FLOOR G.R.R COMPLEX ,Above ICICI DIRECT, S.R. Nagar, Hyderabad, T.S.
Ph : 9492803132, 9052393214, 040-40072659

Branches

DILSUKNAGAR : 17-1/1 CHIPPA BABAIAH COMPLEX, Opp SAIBABA TEMPLE, T.S
Contact : 9494240186, 9492803132

Tirupathi Branch : Opp MAHATHI AUDITORIUM , C/o, RK ABACUS Education,A.P.
Contact : 9492803132,

*** VIJAYAWADA * VIZAGE * BANGALURU * CHANNAI ***

www.saiengineeringacademy.com www.civilengjournals.com