



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

Report On STAADPRO WORKSHOP

NAME OF ACTIVITY: Report on STAADPRO WORKSHOP

DATE & DURATION: 2-8 November 2023

ORGANIZED BY: Department of Civil Engineering

S.No.	Course ID	Workshop Name	No. of Modules	Course Duration	Course Facilitator
1.	AOC-DEP-CIV-SPRO	STADD PRO	6	40 Hours	MR.RUSHIKESH P TANTAK `

COURSE ID: SPROCE01

COURSE TITLE: STRUCTURAL ANALYSIS AND DESIGNING PROGRAM

OBJECTIVE: The workshop aims to equip students with practical skills in using STAADPRO for structural analysis and design, preparing them for real-world engineering challenges.

CIRCULAR:

Student Registration Form(STAADPRO Training) inbox x

R rituraj.rathore@poornima.org
to pce.civ.2025

Fri, 3 Nov 2023, 10:07

Google Forms

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I've invited you to fill out a form:

Student Registration Form(STAADPRO Training)

It is mandatory for all the students of third year to fill out the student registration form till today.


Course Name *

Student Personal E-mail address *

Student First Name *

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Director
Poornima College of Engineering
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BROCHURE:





POORNIMA

COLLEGE OF ENGINEERING

WORKSHOP ON "STAAD PRO"



To be Organized by:
Department of Civil Engineering


 **2nd to 8th November, 2023**
 **Time: 08:30 AM - 03:30 PM**

Venue: Computer Lab
Poornima College of Engineering

Co-ordinator
Mr. Rituraj Singh Rathore
Assistant Professor
rituraj.rathore@poornima.org
+91-7974150748

COURSE DESCRIPTION:

STAAD Pro is a powerful and widely used software application for structural analysis and design. Developed by Bentley Systems, it is a comprehensive and integrated structural engineering tool that allows engineers to analyze and design various types of structures, including buildings, bridges, towers, and industrial structures. The name "STAAD" stands for Structural Analysis and Design, emphasizing its primary functions. This software is renowned for its versatility and efficiency in handling complex structural engineering tasks. It provides a user-friendly interface that enables engineers to model, analyze, and design structures with ease. STAAD Pro supports a wide range of design codes and international standards, making it suitable for projects around the world.


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One of the key features of STAAD Pro is its advanced analysis capabilities. It employs various methods for structural analysis, including linear and nonlinear static analysis, dynamic analysis, and finite element analysis (FEA). Engineers can simulate real-world conditions and assess the performance of structures under different loads and environmental factors. The software's FEA capabilities enable detailed modeling of complex geometries and material behaviors, allowing for more accurate and realistic simulations.

STAAD Pro also excels in its design capabilities, offering comprehensive tools for the design of concrete, steel, and other materials. Engineers can perform code-based design checks, ensuring that structures comply with relevant design codes and safety standards. The software provides automated design optimization features, allowing engineers to iteratively refine their designs for better efficiency and cost-effectiveness. Additionally, STAAD Pro facilitates the generation of detailed and customizable reports, making it easy to communicate design information to project stakeholders. The modeling capabilities of STAAD Pro contribute to its widespread adoption in the engineering community. Engineers can create 3D models of structures using a variety of elements, such as beams, columns, slabs, and foundations. The graphical interface enables intuitive modeling and visualization of the entire structure, streamlining the design process. Furthermore, the software supports interoperability with other design and analysis tools, allowing for seamless collaboration and data exchange between different software platforms.

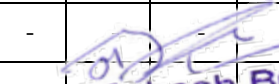
COURSE OUTCOME:

S. No. Course Outcomes

- CO1 To understand the basic commands of STADD Pro.
- CO2 To Apply the typical loading in STADD Pro software.
- CO3 To Analyze the different structural components by using of STADD Pro software

MAPPING COURSE OUTCOMES WITH PO AND PSO

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-
CO2	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


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COURSE PRE-REQUISITES: Students learn about recent techniques, latest software & innovative outcome based learning to analyze and evaluate the concepts of civil engineering to make his personality competent enough to fulfill the gap between academic and industry.

ENROLMENT CRITERIA: Interested Students of III Year (Civil Engineering)

CERTIFICATION CRITERIA: Mandatory Fulfillments of Criteria 1 and 2

Criteria 1: 80% Attendance

Criteria 2: Certification will depends on assignments submission

COURSE OUTLINE:

The course outline covered a range of topics, including but not limited to:

Introduction to STAADPRO: Understanding the basics of the software, its interface, and its capabilities.

Structural Analysis Concepts: Teaching fundamental concepts of structural analysis, including loadings, supports, and reactions.

Modeling Structures: Hands-on experience in creating 3D models of various types of structures within STAADPRO.

Loading and Boundary Conditions: Learning how to apply different types of loads and constraints to the structural models.

Analysis Procedures: Understanding the step-by-step procedures for structural analysis using STAADPRO.

Interpretation of Results: Interpreting and analyzing the output results from STAADPRO, including deflections, reactions, and member forces.

Design Codes and Standards: Familiarization with the design codes and standards used in STAADPRO for ensuring the safety and adequacy of structures.

Optimization and Iterative Design: Exploring techniques for optimizing structural designs and making iterative changes.

Dynamic Analysis: Introducing dynamic analysis concepts for structures subjected to dynamic loads such as earthquakes or wind.

Practical Applications: Showcasing real-world applications of STAADPRO in civil engineering projects.


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Resource Person:

The workshop featured experienced resource person who was expert in the field of structural engineering and proficient in using STAAD Pro. He delivered engaging and informative sessions, providing insights into real-world applications.

Participant Profile:

The workshop attracted participants from diverse backgrounds, including civil engineering students, practicing engineers, and professionals in the construction industry. This diversity contributed to a rich exchange of ideas and experiences.

Hands-on Sessions:

Participants had the opportunity to apply the theoretical concepts learned in practical, hands-on sessions. These sessions allowed them to work on case studies, giving them a better understanding of how to apply STAAD Pro to solve real-world structural engineering problems.

Conclusion:

The STAAD Pro workshop proved to be a valuable platform for participants to enhance their skills and knowledge in structural analysis and design. The combination of theoretical sessions, and interactive discussions contributed to a comprehensive learning experience. The workshop successfully met its objectives and left participants better equipped to apply STAAD Pro in their professional practice.

Overall, the STAAD Pro workshop was a commendable initiative that contributed to the continuous learning and skill development of structural engineers and professionals in the field.



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ATTENDANCE LIST:

Date:- 2/11/2023

POORNIMA COLLEGE OF ENGINEERING JAIPUR DEPARTMENT OF CIVIL ENGINEERING Attendance sheet of STAAD pro Student list								
S.N	Registration No.	Student Name	Signature	Signature	Signature	Signature	Signature	Signature
1	PCE21CE001	AASHISH AMAT						
2	PCE21CE002	AASHISH CHAUHAN						
3	PCE21CE003	ABHISHEK						
4	PCE21CE004	ABHISHEK JINDAL						
5	PCE21CE005	ADITYA MEENA						
6	PCE21CE006	AKASH KUMAR DHAKA						
7	PCE21CE007	ANKIT KUMAR MEENA						
8	PCE21CE007	ASTHA DADHICH						
9	PCE21CE001	ATISH CHOUHAN						
10	PCE21CE008	BAJRANG						
11	PCE21CE009	DEVANSH TYAGI						
12	PCE21CE010	DEVANSHI MEENA						
13	PCE21CE011	DEVANSHU HARSOLIA						
14	PCE21CE012	FAFEZ						
15	PCE21CE013	GARVIT CHAWAL						
16	PCE21CE014	GAURISH GAUD						
17	PCE21CE015	HIMANSHU MEENA						
18	PCE21CE016	JITENDRA SHARMA						
19	PCE21CE017	KESHAV KUMAR						
20	PCE21CE018	MAHENDRA GOUR						
21	PCE21CE014	MANISH PRAJAPAT						
22	PCE21CE020	MAYANK JHAJHARIA						
23	PCE21CE021	MO TALHA						
24	PCE21CE022	MOHD KAIF LANGA						
25	PCE21CE023	NAVEEN SINGH						
26	PCE21CE024	NITIN KUMAR						
27	PCE21CE025	PANKAJ MEENA						

28	PCE21CE026	PRATHAM CHAUHAN						
29	PCE21CE030	PRIYANKA KUMARI						
30	PCE21CE027	RADHI SHYAM DERWAL						
31	PCE21CE028	RAGHAV KUMAR SHARMA						
32	PCE21CE029	RAHUL GURJAR						
33	PCE21CE030	RAHUL KUMAR MEENA						
34	PCE21CE031	RAHUL PRAJAPAT						
35	PCE21CE034	RAHUL SINGH						
36	PCE21CE032	RAJKUMAR MEENA						
37	PCE21CE033	RAMINDRA SINGH TANWAR						
38	PCE21CE034	RAVI KUMAR SHARMA						
39	PCE21CE035	RAVI MEENA						
40	PCE21CE037	ROHIT CHOUDHARY						
41	PCE21CE036	SHILPA BANSAL						
42	PCE21CE039	SHIVANI VERMA						
43	PCE21CE040	SHREYA SHARMA						
44	PCE21CE041	SUDHIR CHOUDHARY						
45	PCE21CE042	SUJATA KUMARI						
46	PCE21CE043	TANUJ BARGOT						
47	PCE21CE044	TEJAS RATAWAL						
48	PCE21CE045	TILAK RAJ JANGIHA						
49	PCE21CE046	VIJAY KUMAR						
50	PCE22CE701	ABDUL HUSSAIN						
51	PCE22CE703	KASHIF SHAKEEL						
52	PCE22CE704	MANIMOHAN SINGH						
53	PCE22CE800	HEETESH MEENA						
54	PCE22CE705	WASIM ALI						

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3/11/23

Date - 3/11/23

POORNIMA COLLEGE OF ENGINEERING JAIPUR

DEPARTMENT OF CIVIL ENGINEERING

Attendance sheet of STAAD pro

Student list

S.N	Registration No	Student Name	Signature	Signature	Signature	Signature	Signature	Signature	Signature
1	PCE21CE001	AASHISH AMAT							
2	PCE21CE002	AASHISH CHAUHAN							
3	PCE21CE003	ABHISHEK							
4	PCE21CE004	ABHISHEK JINDAL							
5	PCE21CE005	ADITYA MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
6	PCE21CE006	AKASH KUMAR DHAKA							
7	PCE21CE007	ANKIT KUMAR MEENA							
8	PCE21CE008	ASTHA DADIYCH							
9	PCE21CE009	ATISH CHOUHAN							
10	PCE21CE010	BAJRANG	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
11	PCE21CE011	DEVANSH TYAGI							
12	PCE21CE012	DEVANSH MEENA							
13	PCE21CE013	DEVANSHU HARSOLIA							
14	PCE21CE014	FEEZ							
15	PCE21CE015	GARVIT CHAWAL							
16	PCE21CE016	GAURISH GAUD							
17	PCE21CE017	HIMANSHU MEENA							
18	PCE21CE018	JITENDRA SHARMA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
19	PCE21CE019	KESHAV KUMAR							
20	PCE21CE020	MAHENDRA GOUR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
21	PCE21CE021	MANISH							
22	PCE21CE022	MAYANK JHAJHARIA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
23	PCE21CE023	MO TAI HA							
24	PCE21CE024	MOHD KAIF LANGA							
25	PCE21CE025	NAVEEN SINGH							
26	PCE21CE026	NITIN KUMAR							
27	PCE21CE027	PANKAJ MEENA							

Date - 3/11/23

28	PCE21CE028	PRATHAM CHAUHAN							
29	PCE21CE029	PRIYANKA KUMARI							
30	PCE21CE030	RADHEYSHYAM DERWAL	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
31	PCE21CE031	RAGHAV KUMAR SHARMA							
32	PCE21CE032	RAHUL GURJAR							
33	PCE21CE033	RAHUL KUMAR MEENA							
34	PCE21CE034	RAHUL PRAJAPAT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
35	PCE21CE035	RAHUL SINGH							
36	PCE21CE036	RAJKUMAR MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
37	PCE21CE037	RAMINDRA SINGH TANWAR							
38	PCE21CE038	RAVI KUMAR SHARMA							
39	PCE21CE039	RAVI MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
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49	PCE21CE049	VIJAY KUMAR							
50	PCE22CE701	ABID HUSSAIN	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
51	PCE22CE702	KASHIF SHAKEEL							
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Date: 4/11/23

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DEPARTMENT OF CIVIL ENGINEERING
Attendance sheet of STAAD pro

Student list								
S.N	Registration No.	Student Name	Signature	Signature	Signature	Signature	Signature	Signature
1	PCE21CE001	AASHISH AMAT	Aashish	Aashish	Aashish	Aashish	Aashish	Aashish
2	PCE21CE002	AASHISH CHAUHAN	Aashish	Aashish	Aashish	Aashish	Aashish	Aashish
3	PCE21CE003	ABHISHEK	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
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6	PCE21CE006	AKASH KUMAR DHAKA	Akash	Akash	Akash	Akash	Akash	Akash
7	PCE21CE007	ANKIT KUMAR MEENA	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit
8	PCE21CE008	ASTHA DADHICH	Astha	Astha	Astha	Astha	Astha	Astha
9	PCE21CE009	ATISH CHOUHAN	Atish	Atish	Atish	Atish	Atish	Atish
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11	PCE21CE011	DEVANSH TYAGI	Devansh	Devansh	Devansh	Devansh	Devansh	Devansh
12	PCE21CE012	DEVANSHI MEENA	Deevanshi	Deevanshi	Deevanshi	Deevanshi	Deevanshi	Deevanshi
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14	PCE21CE014	.FAEEZ	Faez	Faez	Faez	Faez	Faez	Faez
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19	PCE21CE019	KESHAV KUMAR	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav
20	PCE21CE020	MAHENDRA GOUR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
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22	PCE21CE022	MAYANK JHAJHARIA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
23	PCE21CE023	MD TALHA	Talha	Talha	Talha	Talha	Talha	Talha
24	PCE21CE024	MOHD KAIF LANGA	Kaif	Kaif	Kaif	Kaif	Kaif	Kaif
25	PCE21CE025	NAVEEN SINGH	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
26	PCE21CE026	NITIN KUMAR	Nitin	Nitin	Nitin	Nitin	Nitin	Nitin
27	PCE21CE027	PANKAJ MEENA	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj

28	PCE21CE028	PRATHAM CHAUHAN	Pratham	Pratham	Pratham	ABSENT	ABSENT	ABSENT
29	PCE21CE029	PRIYANKA KUMARI	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
30	PCE21CE030	RADHEYSHYAM DERVAL	Radheyshyam	Radheyshyam	Radheyshyam	Radheyshyam	Radheyshyam	Radheyshyam
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42	PCE21CE042	SHIVANI VERMA	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
43	PCE21CE043	SHREYA SHARMA	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya
44	PCE21CE044	SUDHIR CHOUDHARY	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir
45	PCE21CE045	SUJATA KUMARI	Sujata	Sujata	Sujata	Sujata	Sujata	Sujata
46	PCE21CE046	TANMAY BARGOT	Tanmay	Tanmay	Tanmay	Tanmay	Tanmay	Tanmay
47	PCE21CE047	TEJAS RATAWAL	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
48	PCE21CE048	TILAK RAJ JANGINIA	Tilak	Tilak	Tilak	Tilak	Tilak	Tilak
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51	PCE22CE051	KASHIF SHAKEEL	Kashif	Kashif	Kashif	Kashif	Kashif	Kashif
52	PCE22CE052	MANMOHAN SINGH	Manmohan	Manmohan	Manmohan	Manmohan	Manmohan	Manmohan
53	PCE22CE053	NEETESH MEENA	Neetesh	Neetesh	Neetesh	Neetesh	Neetesh	Neetesh
54	PCE22CE054	WASIM ALI	Wasim	Wasim	Wasim	Wasim	Wasim	Wasim

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6/11/23

Date - 6/11/23

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14	PCE21CE014	FAEEZ	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
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22	PCE21CE022	MAYANK JHAJHARIA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
23	PCE21CE023	MO TALHA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
24	PCE21CE024	MOHD KAIF LANGA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
25	PCE21CE025	NAVEEN SINGH	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
26	PCE21CE026	NITIN KUMAR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
27	PCE21CE027	PANKAJ MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT

Date - 6/11/23

S.N	Registration No.	Student Name	Signature	Signature	Signature	Signature	Signature	Signature	Signature
28	PCE21CE028	PRATHAM CHAUHAN	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
29	PCE21CE029	PRIYANKA KUMARI	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
30	PCE21CE030	RADHEYSHYAM DERVAL	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
31	PCE21CE031	RAGHAV KUMAR SHARMA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
32	PCE21CE032	RAHUL GURJAR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
33	PCE21CE033	RAHUL KUMAR MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
34	PCE21CE034	RAHUL PRAJAPAT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
35	PCE21CE035	RAHUL SINGH	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
36	PCE21CE036	RAJKUMAR MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
37	PCE21CE037	RAMINDRA SINGH TANWAR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
38	PCE21CE038	RAVI KUMAR SHARMA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
39	PCE21CE039	RAVI MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
40	PCE21CE040	ROHIT CHOUDHARY	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
41	PCE21CE041	SHILPA BANSAL	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
42	PCE21CE042	SHIVANI VERMA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
43	PCE21CE043	SHREYA SHARMA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
44	PCE21CE044	SUDHIR CHOUDHARY	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
45	PCE21CE045	SUJATA KUMARI	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
46	PCE21CE046	TANMAY BARGOT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
47	PCE21CE047	TEJAS RATAWAL	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
48	PCE21CE048	TILAK RAJ JANGINIA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
49	PCE21CE049	VILAS KUMAR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
50	PCE22CE050	ABID HUSSAIN	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
51	PCE22CE051	KASHIF SHAKEEL	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
52	PCE22CE052	MANMOHAN SINGH	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
53	PCE22CE053	NEETESH MEENA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
54	PCE22CE054	WASIM ALI	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT

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POORNIMA COLLEGE OF ENGINEERING JAIPUR

DEPARTMENT OF CIVIL ENGINEERING

Attendance sheet of STAAD pro

Student list

07/11/23.

S.N	Registration No.	Student Name	Signature	Signature	Signature	Signature	Signature	Signature	Signature
1	PCE21CE001	AASHISH AMAT							
2	PCE21CE002	AASHISH CHAUHAN							
3	PCE21CE003	ABHISHEK							
4	PCE21CE004	ABHISHEK JINDAL							
5	PCE21CE005	ADITYA MEENA							
6	PCE21CE006	AKASH KUMAR DHAKA							
7	PCE21CE007	ANKIT KUMAR MEENA							
8	PCE21CE047	ASTHA DADHICHI							
9	PCE21CE051	ATISH CHOUHAN							
10	PCE21CE008	BAJRANG							
11	PCE21CE009	DEVANSH TYAGI							
12	PCE21CE010	DEVANSHI MEENA							
13	PCE21CE011	DEVANSHU HARSOLIA							
14	PCE21CE012	FAEEZ							
15	PCE21CE013	GARVIT CHIAWAL							
16	PCE21CE014	GAURISH GAUD							
17	PCE21CE015	HIMANSHU MEENA							
18	PCE21CE016	JITENDRA SHARMA							
19	PCE21CE017	KESHAV KUMAR							
20	PCE21CE018	MAHENDRA GOUR							
21	PCE21CE019	MANISH PRAJAPAT							
22	PCE21CE020	MAYANK JI VAHARIA							
23	PCE21CE021	MD TALHA							
24	PCE21CE022	MOHD KAIF LANGA							
25	PCE21CE023	NAVEEN SINGH							
26	PCE21CE024	NITIN KUMAR							
27	PCE21CE025	PANKAJ MEENA							

28	PCE21CE026	PRATHAM CHAUHAN							
29	PCE21CE503	PRIYANKA KUMARI							
30	PCE21CE027	RADHEYSHYAM DERWAL							
31	PCE21CE028	RAGHAV KUMAR SHARMA							
32	PCE21CE029	RAHUL GURJAR							
33	PCE21CE030	RAHUL KUMAR MEENA							
34	PCE21CE031	RAHUL PRAJAPAT							
35	PCE21CE032	RAHUL SINGH							
36	PCE21CE033	RAJKUMAR MEENA							
37	PCE21CE034	RAMINDRA SINGH TANWAR							
38	PCE21CE035	RAVI KUMAR SHARMA							
39	PCE21CE036	RAVI MEENA							
40	PCE21CE037	ROHIT CHOUDHARY							
41	PCE21CE038	SHILPA BANSAL							
42	PCE21CE039	SHIVANI VERMA							
43	PCE21CE040	SHREYA SHARMA							
44	PCE21CE041	SUDHIR CHOUDHARY							
45	PCE21CE042	SUJATA KUMARI							
46	PCE21CE043	TANMAY BARGOT							
47	PCE21CE044	TEJAS RATIHWAL							
48	PCE21CE045	TILAK RAJ JANGHIA							
49	PCE21CE046	VIJAY KUMAR							
50	PCE22CE701	ABID HUSSAIN							
51	PCE22CE703	KASHIF SHAKEEL							
52	PCE22CE704	MANMOHAN SINGH							
53	PCE22CE800	NEETESH MEENA							
54	PCE22CE705	WASIM ALI							

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POORNIMA COLLEGE OF ENGINEERING JAIPUR

DEPARTMENT OF CIVIL ENGINEERING

Attendance sheet of STAAD pro

08/11/23

Student list

S.N	Registration No.	Student Name	Signature	Signature	Signature	Signature	Signature	Signature
1	PCE21CE001	AASHISH AMAT	AB	AB	Aashish	Aashish	Aashish	Aashish
2	PCE21CE002	AASHISH CHAUHAN	Aashish	Aashish	Aashish	Aashish	Aashish	Aashish
3	PCE21CE003	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK
4	PCE21CE004	ABHISHEK JINDAL	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK
5	PCE21CE005	ADITYA MEENA	AD	AD	AD	AD	AD	AD
6	PCE21CE006	AKASH KUMAR DHAKA	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash
7	PCE21CE007	ANKIT KUMAR MEENA	ANKIT	ANKIT	ANKIT	ANKIT	ANKIT	ANKIT
8	PCE21CE047	ASTHA DADHICH	ASTHA	ASTHA	ASTHA	ASTHA	ASTHA	ASTHA
9	PCE21CE501	ATISH CHOUHAN	ATISH	ATISH	ATISH	ATISH	ATISH	ATISH
10	PCE21CE038	BAJRANG	AB	AB	AB	AB	AB	AB
11	PCE21CE009	DEVANSH TYAGI	DEVANSH	DEVANSH	DEVANSH	DEVANSH	DEVANSH	DEVANSH
12	PCE21CE014	DEVANSHI MEENA	AD	AD	AD	AD	AD	AD
13	PCE21CE011	DEVANSHU HARSOLIA	DEVANSHU	DEVANSHU	DEVANSHU	DEVANSHU	DEVANSHU	DEVANSHU
14	PCE21CE012	FAEEZ	FAEEZ	FAEEZ	FAEEZ	FAEEZ	FAEEZ	FAEEZ
15	PCE21CE013	GARVIT CHHAWAL	AB	AB	AB	AB	AB	AB
16	PCE21CE014	GAURISH GAUD	GAURISH	GAURISH	GAURISH	GAURISH	GAURISH	GAURISH
17	PCE21CE015	HIMANSHU MEENA	AD	AD	AD	AD	AD	AD
18	PCE21CE016	JITENDRA SHARMA	AB	AB	AB	AB	AB	AB
19	PCE21CE017	KESHAV KUMAR	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav
20	PCE21CE018	MAHENDRA GOUR	AD	AD	AD	AD	AD	AD
21	PCE21CE019	MANISH PRAJAPAT	Manish	Manish	Manish	AB	AB	AB
22	PCE21CE020	MAYANK JHAJHARIA	AD	AD	AD	AD	AD	AD
23	PCE21CE021	MD TALHA	MD TALHA	MD TALHA	MD TALHA	MD TALHA	MD TALHA	MD TALHA
24	PCE21CE022	MOHD KAIF LANGA	AD	AD	AD	AD	AD	AD
25	PCE21CE023	NAVEEN SINGH	NAVEEN	NAVEEN	NAVEEN	AD	AD	AD
26	PCE21CE024	NITIN KUMAR	Nitin	Nitin	Nitin	Nitin	Nitin	Nitin
27	PCE21CE025	IPANKAJ MEENA	AB	AB	Pankaj	AB	AB	AB

28	PCE21CE026	PRATHAM CHAUHAN	PR	PR	PR	PR	PR	PR
29	PCE21CE503	PRIYANKA KUMARI	AB	AB	AB	AB	AB	AB
30	PCE21CE027	RADHEYSHYAM DERWAL	AD	AD	AD	AB	AB	AB
31	PCE21CE028	RAGHAV KUMAR SHARMA	AD	AD	AD	AB	AB	AB
32	PCE21CE029	RAHUL GURJAR	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
33	PCE21CE030	RAHUL KUMAR MEENA	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
34	PCE21CE031	RAHUL PRAJAPAT						
35	PCE21CE504	RAHUL SINGH						
36	PCE21CE032	RAJKUMAR MEENA				AB	AB	AB
37	PCE21CE033	RAMINDRA SINGH TANWAR				AB	AB	AB
38	PCE21CE034	RAVI KUMAR SHARMA						
39	PCE21CE035	RAVI MEENA						
40	PCE21CE037	ROHIT CHOUDHARY	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
41	PCE21CE038	SHILPA BANSAL	Shilpa	Shilpa	Shilpa	Shilpa	Shilpa	Shilpa
42	PCE21CE039	SHIVANI VERMA	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
43	PCE21CE040	SHREYA SHARMA	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya
44	PCE21CE041	SUDHIR CHOUDHARY	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir
45	PCE21CE042	SUJATA KUMARI	Sujata	Sujata	Sujata	Sujata	Sujata	Sujata
46	PCE21CE043	TANMAY BARGOT	Tanmay	Tanmay	Tanmay	Tanmay	Tanmay	Tanmay
47	PCE21CE044	TEJAS RATAWAL	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
48	PCE21CE045	TILAK RAJ JANGINIA	Tilak	Tilak	Tilak	Tilak	Tilak	Tilak
49	PCE21CE046	VIJAY KUMAR	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
50	PCE22CE701	ABID HUSSAIN	ABID	ABID	ABID	ABID	ABID	ABID
51	PCE22CE703	KASHIF SHAKEEL	Kashif	Kashif	Kashif	Kashif	Kashif	Kashif
52	PCE22CE704	MANMOHAN SINGH	Manmohan	Manmohan	Manmohan	Manmohan	Manmohan	Manmohan
53	PCE22CE800	NEETESH MEENA	Neetesh	Neetesh	Neetesh	AB	AB	AB
54	PCE22CE705	WASIM ALI	Wasim	Wasim	Wasim	Wasim	Wasim	Wasim

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ASSIGNMENT 1:

Analyze and design the following two storied building.

Building specifications to be taken as:

Slab thickness : 125mm

Floor finish : 20thk Granite Floor

Live load : Store & Hall - 5KN/m²

: Rest other portion - 2 KN/m²

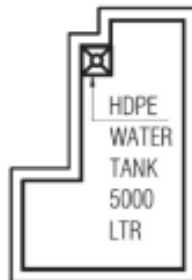
: Terrace - 3KN/m²

Wall thickness : 230 mm

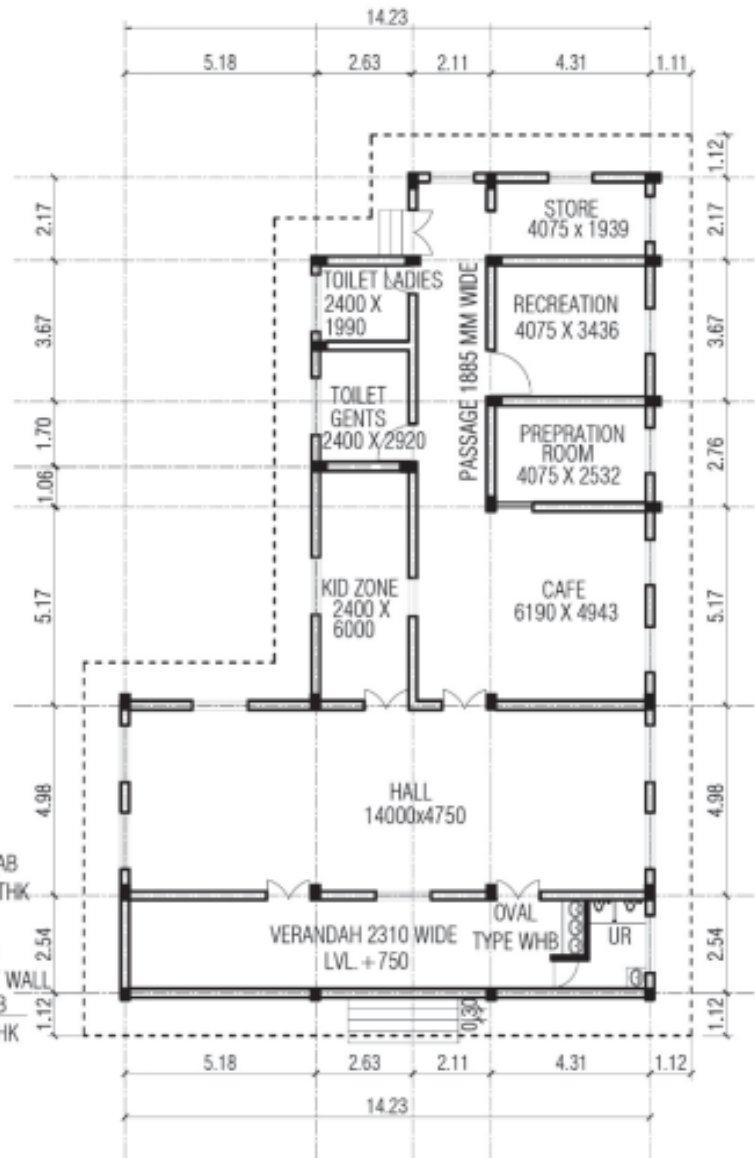
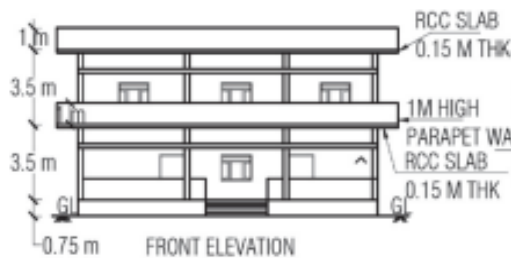
Conc. Density : 25KN/m³

Depth & footing = 1.2 m

Plinth height = 0.75



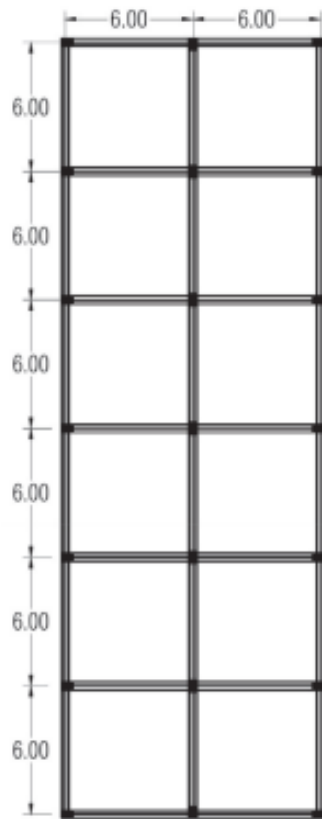
TERRACE PLAN



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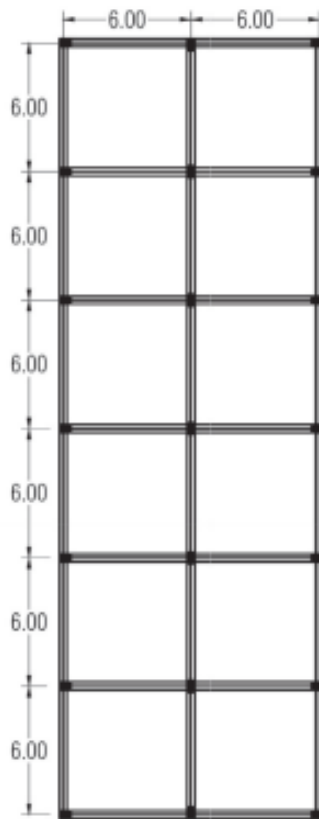
ASSIGNMENT 2:

Analyze the RCC building with given parameters.



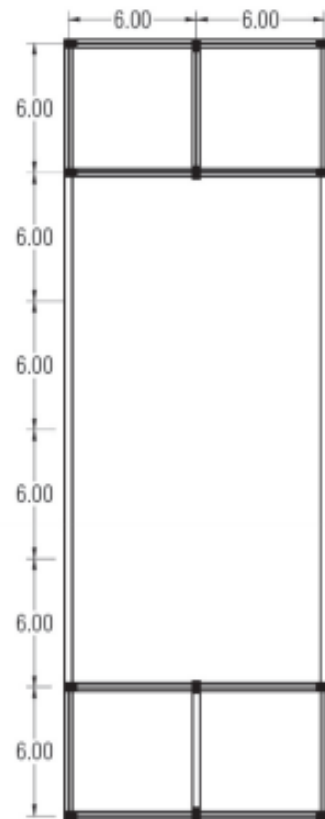
PLINTH BEAM PLAN AT 1.5 M LVL

ALL BEAMS = 0.30 M X 0.30 M



ROOF BEAM PLAN AT 5 M LVL

ALL BEAMS = 0.45 M X 0.30 M



ROOF BEAM PLAN AT 8.5 M LVL

ALL BEAMS = 0.45 M X 0.30 M

ALL COLUMN SIZES = 0.30 M X 0.45 M

KEEP THE ORIENTATION OF COLUMNS AS GIVEN IN DRAWING.

PARAMETERS:-

OUTER WALL = 0.230 THK WALL

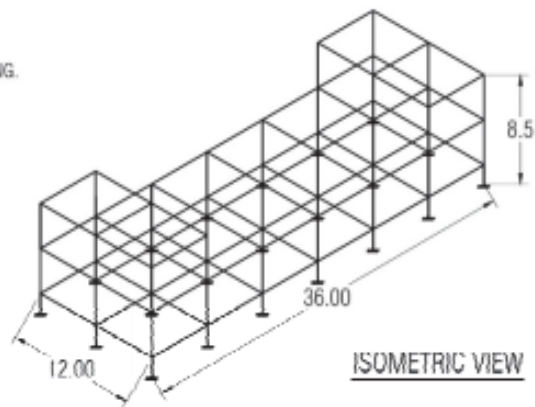
INNER WALL = 0.115 THK

PARAPET WALL = 0.115 THK WALL 1 M HIGH

SLAB THICKNESS = 0.150m

FLOOR FINISH = 1.5 KN/m²

LIVE FLOOR LOAD = 3 KN/m²

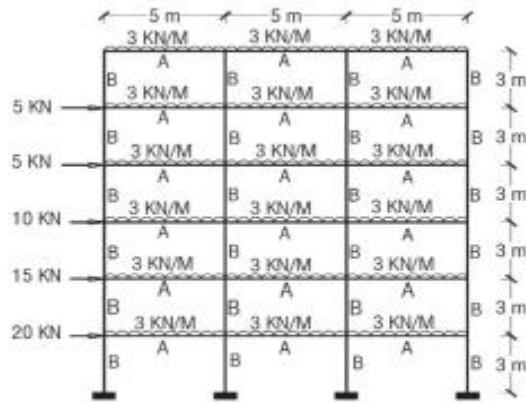


ISOMETRIC VIEW

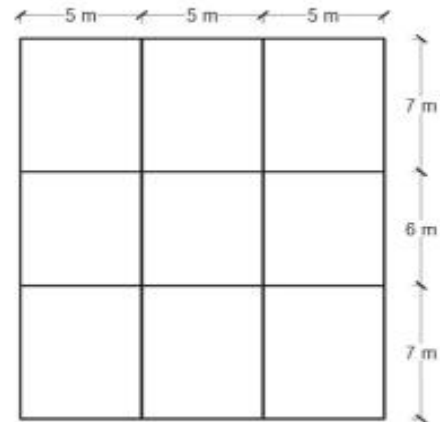
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ASSIGNMENT 3:

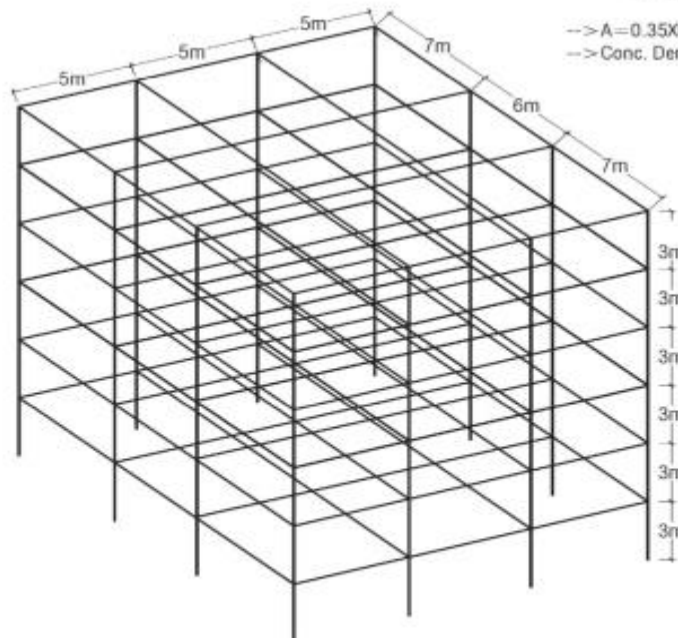
Analyze the following structure and find the maximum bending moment and shear force in every member. floor load to be taken as 3 kN/m^2



ELEVATION



PLAN



ISOMETRIC VIEW

--> $A = 0.35 \times 0.35 \text{ M}$ --> $B = 0.25 \times 0.35 \text{ M}$
--> Conc. Density : 25 kN/m^3

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CERTIFICATE:



FEW GLIMPSES OF THE EVENT:





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 B.E., M.E., Ph.D.
 Director
 Poornima College of Engineering
 131-D, FIICO Institutional Area
 Sitapura, JAIPUR



FEEDBACK:

FEEDBACK ANALYSIS (2023-24)							
S.No.	Attributes	Total Feed Back					100
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
1	Did the session meet its objectives?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		70.21	15.39	8.39	1.00	0.00	
2	Did you find the contents useful?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		73.20	19.59	6.19	1.00	0.00	
3	Did it help students to enhance their	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		71.25	19.29	7.19	1.10	0.00	

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	skills or learnings?						
4	Did you receive uninterrupted Connectivity in case of online sessions?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		72.20	18.59	6.11	1.11	0.00	
5	How do you rate this session overall?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		71.39	19.19	6.19	1.00	0.00	
Overall Remark:- These kind of sessions should be conducted in the future too for more awareness.							


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