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GURU NANAK INSTITUTE OF TECHNOLOGY

City Office: B2, 2nd Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

Campus: Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

DEPARTMENT OF CIVIL ENGINEERING

Date: 04/08/2015

CIRCULAR

Technical Training for II B. Tech students are starting from 17/08/2015 to 15/09/2015. All HODs and Placements coordinators have to manage the trainings and ensure 95% attendance all through the sessions.

All Mentors need to send the compiled feedback report to Mr.S.Madhan Mohan, HOD at hodcivil.gnit@gniindia.org daily. Mentors are advised to take care of PNR (Students not participating in training).

Agenda:

Staad Pro.

HOD-CE



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SYLLABUS FOR STAAD PRO

SNO.	TOPIC COVERED	DURATION
1	Overview of Structural Analysis and Design	3
2	Calculating Shear Force and Bending Moment values for various supports and load types	3
3	Introduction o STAAD.Pro V8i o STAAD Editor	4
4	Support Specification Member Property Specification • Member Offset Material Specification Group Specification Loading o Creating a Primary Load o Adding Selfweight	4
5	Uniform Force and Moment ▪ Concentrated Force and Moment ▪ Linear Varying Load	5



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	<ul style="list-style-type: none"> ▪ Trapezoidal Load ▪ Hydrostatic Load <p>6 ▪ Pre/Post Stress o Area Load o Floor Load</p>	
6	<p>Loading o</p> <p>Wind</p> <p>Load</p> <p>o Creating Load</p> <p>Combination o Automatic</p> <p>Load Combination o Edit Auto</p> <p>Load Rules o Moving Load o</p> <p>Reference Load o</p> <p>Repeat Load</p>	5
7	<p>Standards for Earthquake Design o</p> <p>General Principals for Earthquake Design</p> <p>o Finding the Lateral Force (manual</p> <p>calculation) o Finding the Lateral Force by</p> <p>using STAAD.Pro</p>	3
8	<p>Dynamic Analysis o Response</p> <p>Spectrum Analysis</p>	4

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LIST OF REGISTERED STUDENTS FOR STAAD PRO

1	14831A0101	ADIDELA SHANTI FLEMING
2	14831A0103	AMIREDDY MAHENDER
3	14831A0106	ARE RAMAKRISHNA
4	14831A0110	BANDI DEEKSHITH REDDY
5	14831A0112	BASAYAPALLY ANJALI
6	14831A0113	BATTINA SAHITHI
7	14831A0114	BHAGYA LAKSHMI
8	14831A0115	BILIPELLI ADARSH REDDY
9	14831A0116	BUDURU SHIVA
10	14831A0117	CHELIMELA SAITEJA
11	14831A0118	CHEEKOTI BHARGAV
12	14831A0119	CHEMMUTA SIREESHA
13	14831A0120	CHEVURI ANUSHA
14	14831A0121	DEEMERI VAMSHIKRISHNA
15	14831A0123	DEVARAM PREETHI
16	14831A0124	DOMALA HARIPRIYA
17	14831A0127	GAJULA PURNACHANDAR
18	14831A0128	GANAMALA RAKESH
19	14831A0130	GANJI HARSHINI
20	14831A0132	GOTTIMUKKULA ANIL
21	14831A0136	GUNDU MURALI KRISHNA



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22	14831A0140	J SHIVAGANESH
23	14831A0141	KAPARABOINA RESHMA SINDHU
24	14831A0144	KATUKOJWALA SRAVYA
25	14831A0147	KUNTA HARIKA
26	14831A0151	MANMIKANTI THARUN KUMAR
27	14831A0152	MARTHA SHIVA KUMAR
28	14831A0155	MOHAMMED ABDUL NEHAL
29	14831A0156	MOHAMMED AZEEMUDDIN
30	14831A0158	MOHD IMTIAZ ALI
31	14831A0161	MUDDAMOLA MOHAN
32	14831A0163	NAGALLA SAI PADMA
33	14831A0165	NEELLA PRAGATHI

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STAAD PRO QUESTION PAPER

Duration: 120 min

4 x5=20 marks

Answer the following all questions. Each question carries 5 marks

1. Explain in detail about staad pro software ?
2. What is the meant by pre and post analysis print?
3. Explain the process Cylindrical and Cylindrical Reverse Co-ordinate Systems ?
4. Explain about
 - a) Cable Member Specification
 - b) Tension / Compression Specification?

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RESULT SHEET FOR STAAD PRO REGISTERED STUDENTS

S.NO	ROLL NO	NAME OF THE STUDENTS	MARKS	RESULT
1	14831A0101	ADIDELA SHANTI FLEMING	16	PASS
2	14831A0103	AMIREDDY MAHENDER	18	PASS
3	14831A0106	ARE RAMAKRISHNA	11	FAIL
4	14831A0110	BANDI DEEKSHITH REDDY	12	PASS
5	14831A0112	BASAYAPALLY ANJALI	10	PASS
6	14831A0113	BATTINA SAHITHI	9	FAIL
7	14831A0114	BHAGYA LAKSHMI	12	PASS
8	14831A0115	BILIPELLI ADARSH REDDY	13	PASS
9	14831A0116	BUDURU SHIVA	17	PASS
10	14831A0117	CHELIMELA SAITEJA	5	PASS
11	14831A0118	CHEEKOTI BHARGAV	8	FAIL
12	14831A0119	CHEMMUTA SIREESHA	19	PASS
13	14831A0120	CHEVURI ANUSHA	20	PASS
14	14831A0121	DEEMERI VAMSHIKRISHNA	16	PASS
15	14831A0123	DEVARAM PREETHI	17	PASS
16	14831A0124	DOMALA HARIPRIYA	15	PASS
17	14831A0127	GAJULA PURNACHANDAR	18	PASS
18	14831A0128	GANAMALA RAKESH	11	FAIL
19	14831A0130	GANJI HARSHINI	8	FAIL



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20	14831A0132	GOTTIMUKKULA ANIL	16	PASS
21	14831A0136	GUNDU MURALI KRISHNA	12	PASS
22	14831A0140	J SHIVAGANESH	6	PASS
23	14831A0141	KAPARABOINA RESHMA SINDHU	18	PASS
24	14831A0144	KATUKOJWALA SRAVYA	17	PASS
25	14831A0147	KUNTA HARIKA	15	PASS
26	14831A0151	MANMIKANTI THARUN KUMAR	13	PASS
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28	14831A0155	MOHAMMED ABDUL NEHAL	16	PASS
29	14831A0156	MOHAMMED AZEEMUDDIN	14	PASS
30	14831A0158	MOHD IMTIAZ ALI	13	PASS
31	14831A0161	MUDDAMOLA MOHAN	11	PASS
32	14831A0163	NAGALLA SAI PADMA	10	PASS
33	14831A0165	NEELLA PRAGATHI	14	PASS

No of students Registered = 33

No of students Passed = 28

No of students Failed = 5

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Department of Civil Engineering

Summary of Staad pro

- **STAAD** stands for Structural Analysis and Design. **STAAD. Pro** software is widely used in analyzing and designing structures – buildings, bridges, towers, transportation, industrial and utility structures.
- STAAD.Pro is one of the most widely used structural analysis and design [software](#) products worldwide. It supports over 90 international steel, concrete, timber & aluminium design codes.
- Additionally, STAAD.Pro is interoperable with applications such as RAM Connection, AutoPIPE, SACS and many more engineering design and analysis applications to further improve collaboration between the different disciplines involved in a project.
- STAAD can be used for analysis and design of all types of structural projects from plants, buildings, and bridges to towers, tunnels, metro stations, water/wastewater treatment plants and more.

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CANTER CADD

B.N.Reddy Nagar, Hyderabad- 500070

Certificate Of Course Completion

This certificate is presented to J. SHIVA GANESH Of GNIT, who has successfully completed Technical Training course on "STAAD PRO" held from 17-08-2015 to 15-09-2015 and found the student performance to be excellent.



Mr. G.V.Ravi Teja
CEO of Canter CADD