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GURU NANAK INSTITUTE OF TECHNOLOGY

City Office: B2, 2nd Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.
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Campus: Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

DEPARTMENT OF CIVIL ENGINEERING

Date: 07/03/2019

CIRCULAR

Technical Training for II B. Tech students are starting from 14-03-2019 to 13-04-2019. 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: **ESR & GSR.**

HOD-CE



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SYLLABUS FOR ESR GSR

SNO.	TOPIC COVERED	DURATION
1	Introduction about ESRGSR in detail	3
2	Unique software for analysis, design and detailing of overhead and ground watertanks as per IS codes.	2
3	Variations of Intze and Conical Tanks	3
4	Variation of Cylindrical and rectangular Overhead tanks	2
5	Variation of Cylindrical and rectangular Ground tanks	4
6	Single window input, Typical space frame View	4
7	Foundation types for overhead tanks	2
8	Foundation types for Ground Tanks (GSR), Analysis Options, Design Options,	4
9	Seismic Analysis As per IS 1893 : 2002, Seismic analysis	3
10	Elevation of Conical shape overhead tank, Bottom Dome detailing for Conical shape ESR, Top dome detailing for Conical shape ESR	3



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11	Drawing for Beam Section of Intze hape Tank, Drawing for Dome Bottom Floor of Intze shape Tank, Drawing for RCC of Intze shape Tank	4
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LIST OF REGISTERED STUDENTS FOR ESRGSR

S.No	H. T. No.	NAME OF THE STUDENT
1	15831A0103	ADEPU NIKHITHA
2	15831A0105	AKULA ANKITHA
3	15831A0106	ALAKUNTA SUPRIYA
4	15831A0113	ASTHAM AKHIL KUMAR
5	15831A0114	AYILA SRAVANI
6	15831A0116	BONDILI NISHA
7	15831A0118	BERAM DEEPA
8	15831A0126	CHENCHALA BHARATH KUMAR
9	15831A0127	CHIKKULA BHARADWAJMANIKANTA
10	15831A0132	DEPANGI ADESH
11	15831A0135	DHOTRE VASANTHI
12	15831A0142	GANESH AMARAVADHI
13	15831A0144	GOJJA SAIKRISHNA
14	15831A0145	GUDLA CHARAN TEJA
15	15831A0146	GUJJARI MONA
16	15831A0148	JAYESH KEDIA
17	15831A0150	K ANUSHA
18	15831A0152	KAMBALAPALLY PRASHANTH
19	15831A0155	KASOJU VANI
20	15831A0157	KOLLI GOPI CHAND CHOWDARY
21	15831A0158	KOMMANA VIJAYADURGA
22	16835A0101	A.NAVYASRI
23	16835A0103	ARSAM MANOJ KUMAR
24	16835A0104	B.NANDINI
25	16835A0107	DHARAVATH NARESH NAYAK
26	16835A0109	K.MAHESHKUMAR
27	16835A0110	MADHA NAVEEN
28	16835A0111	M.JYOTHI
29	16835A0113	MOTHE VIJAY
30	16835A0117	R.SWAPNA
31	15831A0115	A.PRRASANTH
32	15831A0104	ROSHAN



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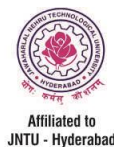
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33	15831A0165	MADALA RAMESH
34	15831A0166	MADDI SUMANJALI
35	15831A0168	MANDHUGULA SAIRAVALI
36	15831A0172	MD SHAHWAZ KHAN
37	15831A0173	MEDA SIVASANKAR
38	15831A0174	MEGHAVATH NIKHIL
39	15831A0175	MIRZA ABDUL SAIF BAIG
40	15831A0176	MOLA DILEEP KUMAR
41	15831A0177	NAGARAM VAMSHI KRISHNA
42	15831A0178	NALLA SUMAN
43	15831A0179	NARRA SUMANTH
44	15831A0180	NAVAATH MANISH KUMAR
45	15831A0181	NERELLA HARI PRASAD
46	15831A0184	PABBATHINENI YASHWANTH
47	15831A0185	PASULA MAHESHWAR
48	15831A0186	PASULA SUSMITHA REDDY
49	15831A0187	PEESARA SRI HARSHITHA
50	15831A0189	POOSA SAINATH
51	15831A0191	PRASHANT SAH
52	15831A0193	RAJABOINA MANASWI
53	15831A0194	RAMAPURAM SHARATH CHANDRA GOUD
54	15831A0198	RUMA RAHEELA
55	15831A01A2	SALLOJU ARUN KUMAR
56	15831A01A9	TEKMAL ANUSHA
57	15831A01B0	THAKUR SAIKIRAN SINGH
58	15831A01B1	THALARLA CHAITANYA
59	15831A01B2	UTKOR TARUN KUMAR
60	15831A01B3	VAGGU SUSHMITHA
61	15831A01B4	VADICHARLA HARIHARAN
62	15831A01B7	VEMULA VIVEKANANDA RAO

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DEPARTMENT OF CIVIL ENGINEERING

ESRGSR QUESTION PAPER

Duration: 120 min

4 x5=20 marks

Answer the following all questions. Each question carries 5 marks

1. List out the foundation types to construct over head tanks ?
2. Explain in detail about seismic analysis of ESRGSR ?
3. Elevation of Conical shape over head tank?
4. Execute Detail drawing for elevation of Cylindrical shape Tank?

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RESULT SHEET FOR ESRGSR REGISTERED STUDENTS

S.No	H. T. No.	NAME OF THE STUDENT	MARKS	RESULT
1	15831A0103	ADEPU NIKHITHA	16	PASS
2	15831A0105	AKULA ANKITHA	16	PASS
3	15831A0106	ALAKUNTA SUPRIYA	15	PASS
4	15831A0113	ASTHAM AKHIL KUMAR	10	PASS
5	15831A0114	AYILA SRAVANI	17	PASS
6	15831A0116	BONDILI NISHA	16	PASS
7	15831A0118	BERAM DEEPA	18	PASS
8	15831A0126	CHENCHALA BHARATH KUMAR	17	PASS
9	15831A0127	CHIKKULA BHARADWAJMANIKANTA	5	FAIL
10	15831A0132	DEPANGI ADESH	16	PASS
11	15831A0135	DHOTRE VASANTHI	18	PASS
12	15831A0142	GANESH AMARAVADHI	19	PASS
13	15831A0144	GOJJA SAIKRISHNA	18	PASS
14	15831A0145	GUDLA CHARAN TEJA	16	PASS
15	15831A0146	GUJJARI MONA	18	PASS
16	15831A0148	JAYESH KEDIA	6	FAIL
17	15831A0150	K ANUSHA	16	PASS
18	15831A0152	KAMBALAPALLY PRASHANTH	16	PASS
19	15831A0155	KASOJU VANI	18	PASS
20	15831A0157	KOLLI GOPI CHAND CHOWDARY	19	PASS
21	15831A0158	KOMMANA VIJAYADURGA	16	PASS
22	16835A0101	A.NAVYASRI	15	PASS
23	16835A0103	ARSAM MANOJ KUMAR	7	FAIL
24	16835A0104	B.NANDINI	15	PASS
25	16835A0107	DHARAVATH NARESH NAYAK	16	PASS
26	16835A0109	K.MAHESHKUMAR	4	FAIL



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27	16835A0110	MADHA NAVEEN	18	PASS
28	16835A0111	M.JYOTHI	12	PASS
29	16835A0113	MOTHE VIJAY	16	PASS
30	16835A0117	R.SWAPNA	16	PASS
31	15831A0115	A.PRRASANTH	15	PASS
32	15831A0104	ROSHAN	6	FAIL
33	15831A0165	MADALA RAMESH	15	PASS
34	15831A0166	MADDI SUMANJALI	16	PASS
35	15831A0168	MANDHUGULA SAIRAVALI	18	PASS
36	15831A0172	MD SHAHWAZ KHAN	14	PASS
37	15831A0173	MEDA SIVASANKAR	16	PASS
38	15831A0174	MEGHAVATH NIKHIL	15	PASS
39	15831A0175	MIRZA ABDUL SAIF BAIG	14	PASS
40	15831A0176	MOLA DILEEP KUMAR	15	PASS
41	15831A0177	NAGARAM VAMSHI KRISHNA	18	PASS
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49	15831A0187	PEESARA SRI HARSHITHA	16	PASS
50	15831A0189	POOSA SAINATH	18	PASS
51	15831A0191	PRASHANT SAH	5	FAIL
52	15831A0193	RAJABOINA MANASWI	13	PASS
53	15831A0194	RAMAPURAM SHARATH CHANDRA GOUD	15	PASS
54	15831A0198	RUMA RAHEELA	16	PASS
55	15831A01A2	SALLOJU ARUN KUMAR	16	PASS
56	15831A01A9	TEKMAL ANUSHA	18	PASS
57	15831A01B0	THAKUR SAIKIRAN SINGH	12	PASS
58	15831A01B1	THALARLA CHAITANYA	4	FAIL
59	15831A01B2	UTKOR TARUN KUMAR	16	PASS
60	15831A01B3	VAGGU SUSHMITHA	15	PASS
61	15831A01B4	VADICHARLA HARIHARAN	10	PASS
62	15831A01B7	VEMULA VIVEKANANDA RAO	16	PASS



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No of students Registered = 62
No of students Passed = 55
No of students Failed = 7

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Department of Civil Engineering

Summary report of ESR GSR (Design of water tanks)

- To make a study about the analysis and design of water tanks.
- To make a study about the guidelines for the design of liquid retaining structure according to IS Code.
- To know about the design philosophy for the safe and economical design of water tank.
- To develop programs for the design of water tank of flexible base and rigid base and the underground tank to avoid the tedious calculations.
- In the end, the programs are validated with the results of manual calculation given in Concrete Structure book.

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Department of Civil Engineering

ONE MONTH CERTIFICATE COURSE


ON


“ESR AND GSR”

14-03-2019 – 13-04-2019

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KASOJU VANI
of IV - CE has Successfully completed one month certification course on “ESR AND GSR”
held during 14-03-2019 to 13-04-2019 at Guru Nanak Institute of Technology, Hyderabad.


Prof.S.Madan Mohan
DEPARTMENT OF CIVIL ENGINEERING
GURU NANAK INSTITUTE OF TECHNOLOGY
Ibrahimpattam, R.R.Dist, T.S. - 501 506


PRINCIPAL
Guru Nanak Institute of Technology
Khanapur, Ibrahimpattam, R.R, Dist. T.S - 501506
Principal