

SHANTILAL SHAH ENGINEERING COLLEGE, BHAVNAGAR

APPLIED MECHANICS DEPARTMENT

LAST DATE TO SUBMIT PPT as Active Learning Assignment (ALA) is 05/03/2018

Name of Subject with Code: Structural Analysis - I (2140603)

#	Team No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
1	1	1001	160430106001	ANDHARIYA YASH MILINDKUMAR	Types of statically determinate & indeterminate structures, static and kinematic indeterminacy, stability of structures
2		1002	160430106002	BALADANIYA LALJIBHAI NANABHAI	
3		1003	160430106003	BAMBHANIYA JIGARBHAI PRAVINBHAI	
4		1004	160430106005	BERA BALDEVKUMAR RAMSHIBHAI	
5		1005	160430106008	BHIL HARESHBHAI SOMATBHAI	
6	2	1006	160430106009	CHABHADIYA VISHALBHAI SHAMBHUBHAI	Principle of superposition, Maxwell's reciprocal theorems. Computation of internal forces in statically determinate structures such as plane truss
7		1007	160430106010	CHAUDHARI GAURAV ARJUNBHAI	
8		1008	160430106011	CHAUDHARI KRISHNABEN	
9		1009	160430106012	CHAUDHARI VIBHABEN RANHAJIBHAI	
10		1010	160430106013	CHAUHAN MEHUL MANOJBHAI	
11	3	1011	160430106014	CHAUHAN RAVI MADHUBHAI	Principle of superposition, Maxwell's reciprocal theorems. Computation of internal forces in statically determinate structures such as plane frame
12		1012	160430106015	CHAVADA SATISHKUMAR MANGABHAI	
13		1013	160430106016	CHAVDA BHAVIKKUMAR LALJIBHAI	
14		1014	160430106017	CHAVDA RIKUNJKUMAR MOHANBHAI	
15		1015	160430106019	CHOKSI SAJID SADIK	
16	4	1016	160430106020	CHOTALIYA HETAL HARIKRUSHNABHAI	Principle of superposition, Maxwell's reciprocal theorems. Computation of internal forces in statically determinate structures such as Grids
17		1017	160430106021	CHUDASAMA JUGAL PRABHUDASBHAI	
18		1018	160430106023	DESAI DHAVAL NARAYANBHAI	
19		1019	160430106024	DOBARIYA JAYDIP AANANDBHAI	
20		1020	160430106025	DODIYA NIKUNJBHAI KARSHANBHAI	
21	5	1021	160430106026	DODIYA PRADIPKUMAR GAGJIBHAI	Differential equation of elastic curve, relation between moment, slope and deflection and sign conventions
22		1022	160430106027	GAJERA HARSHIL BHOLABHAI	
23		1023	160430106028	GAMIT ABHISHEKKUMAR HIRALAL	
24		1024	160430106029	GAMIT ANANDKUMAR RATILALBHAI	
25		1025	160430106030	GAMIT KRISTINABEN MANGALDAS	
26	6	1026	160430106032	GANVIT VIJENDRABHAI JAYESHBHAI	Macaulay's method and its application to beams. (SOLVE TWO EXAMPLE)
27		1027	160430106034	GAVLI ASHISHKUMAR TUKARAMBHAI	
28		1028	160430106035	GAYAKWAD PIYUSHKUMAR MANGUBHAI	
29		1029	160430106037	GOHEL AKASHBHAI PANKAJBHAI	
30		1030	160430106040	GOHIL JAYDEEP ASHOKBHAI	
31	7	1031	160430106041	GOHIL VISHALBHAI MAGANBHAI	Moment Area Method and its application to beams. (SOLVE TWO EXAMPLE)
32		1032	160430106042	GOHIL VISHVAJITSINH BHUPENDRASINH	
33		1033	160430106043	HADIYA CHANDRESH	
34		1034	160430106044	HARSORA SMITKUMAR MANISHBHAI	
35		1035	160430106045	HIRAPARA AKSHAR KANTIBHAI	

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#	Team No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
36	8	1036	160430106046	ITALIYA CHINTAN RAJUBHAI	Conjugate Beam Method and its application beams. (SOLVE TWO EXAMPLE)
37		1037	160430106047	JADAV SANJAY DINESHBHAI	
38		1038	160430106048	JADAV TARUNKUMAR RAYSINGBHAI	
39		1039	160430106049	JAJADA JASHUBHAI KALUBHAI	
40		1040	160430106050	JAMOD KEYUR RAMESHBHAI	
41	9	1041	160430106051	JANI RUSHI NARESHBHAI	Joint displacement of determinate plane truss using unit load method (ONE EXAMPLE)
42		1042	160430106052	JAVANDHRA MANISHKUMAR BABUBHAI	
43		1043	160430106053	JETANI RUSHIT BHARATBHAI	
44		1044	160430106054	JOSHI DARSHANCHANDRA DAKSHESHCHANDRA	
45		1045	160430106055	JOSHI URVIK MAHESHBHAI	
46	10	1046	160430106056	KACHHADIYA PARTHKUMAR JAYANTIBHAI	Difference between axial load and Eccentric load, Definition of Eccentricity. Effect of axial load and eccentric load on column
47		1047	160430106057	KAHODARIYA PRADIPBHAI MAHESHBHAI	
48		1048	160430106058	KANJARIYA GAURAV MUKESHBHAI	
49		1049	160430106059	KESHVALA KANDHAL SAVDASBHAI	
50		1050	160430106060	KHATRI YASH LALBHAI	
51	11	1051	160430106061	KULDEEP SOLANKI	Stress distribution in column by using maximum and minimum stresses equation and its sign convention, Limit of eccentricity with no tension condition.
52		1052	160430106062	LUKHI VIREN BABUBHAI	
53		1053	160430106064	MAHALA KAUSHIKKUMAR BHARATBHAI	
54		1054	160430106065	MAKAVANA KIRAN AMBABHAI	
55	12	1055	160430106066	MAKVANA VIJAY RAMESHBHAI	To draw the Core Or KERNEL of the section 1. Rectangular, 2. Hollow Rectangular, 3. Circular Section, 4. Hollow Circular Section, 5. I - Section,
56		1056	160430106067	MAKWANA FULDIPBHAI BHARATBHAI	
57		1057	160430106068	MANGUKIYA BHAVIN SURESHBHAI	
58		1058	160430106069	MANVAR AKSHAYKUMAR KESHUBHAI	
59	13	1059	160430106071	MEGHANI JAYDIP KISHORBHAI	Maximum and Minimum stress in rectangular section with two Numerical
60		1060	160430106072	MOHNANI CHINTAN PRADIPKUMAR	
61		1061	160430106076	PANDYA DEV NARESHBHAI	
62		1062	160430106078	PARMAR DARSHANKUMAR HATHISHANGBHAI	
63	14	1063	160430106079	PARMAR DHARMESHKUMAR BHAGVANBHAI	Definition of Column and Strut, columns end conditions and its effective length
64		1064	160430106080	PATANVADIYA ASHISH SANJAYBHAI	
65		1065	160430106081	PATEL JIGARKUMAR GUNVANTBHAI	
66		1066	160430106082	PATEL PARTH KRISHNKANTBHAI	
67	15	1067	160430106083	PATEL PRANAV DIPAKBHAI	Drive the Euler's Formula and its application with assumptions also write the Rankine's Formula
68		1068	160430106084	PATEL PRITESHKUMAR VISHNUKUMAR	
69		1069	160430106086	PATEL SAURANJAN DHIRAJBHAI	
70		1070	160430106087	PATEL UJASKUMAR JIVRAJBHAI	

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#	Team No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
71	16	1071	160430106089	PRATIK CHAUDHARY	Numerical Based upon Euler's and Rankin's Formula (Two for Each)
72		1072	160430106090	PUROHIT BHARGAV BHAVESHBHAI	
73		1073	160430106091	RATHOD AMIT GHANSHYAMBHAI	
74		1074	160430106092	RATHOD DIVYARAJ JAYRAJBHAI	
75	17	1075	160430106093	RATHOD LAKKIRAJ SINH RANJITSINH	Explain Arches, Cables and Suspension Bridges,
76		1076	160430106094	RAVAT RAVI MUKESHBHAI	
77		1077	160430106095	RUSHIT DESAI	
78		1078	160430106096	SANKHAT SUDHIRBHAI HARESHBHAI	
79	18	1079	160430106097	SARVAIYA HARDEEPSINH JAYVANTSINH	Solve two Numerical of Three Hinge arches
80		1080	160430106098	SHAH DARSHIL CHIRAGBHAI	
81		1081	160430106099	SHAH RUCHITKUMAR SUDHIRBHAI	
82		1082	160430106100	SHAHU DHARVENDRA BASANTBHAI	
83	19	1083	160430106101	SOLANKI AKASH VALLABHBHAI	Solve two Numerical of Cable and Suspension Bridge
84		1084	160430106102	SOLANKI DIPEN NARENDRAKUMAR	
85		1085	160430106103	SONANI DHRUVKUMAR JITENDRABHAI	
86		1086	160430106104	SONI SHIVA DHARMESHKUMAR	
87	20	1087	160430106105	SUTARIYA NIRAV HASAMUKHLAL	Drive the equation of Hoop and Longitudinal Stress for Thin Cylindrical Shell
88		1088	160430106106	TILVA PARTH KANTIBHAI	
89		1089	160430106107	TIMANIYA AMAN JYOTINDRABHAI	
90		1090	160430106108	ULVA DIPAKBHAI GOVINDBHAI	
91	21	1091	160430106109	VAGH BHAVIN HARESHBHAI	Drive the equation of Change in Dimensions and Volumn for Thin Cylindrical Shell
92		1092	160430106110	VAGHAMSHI NANDAN LALJIBHAI	
93		1093	160430106111	VAGHANI SHUBHAM PRAVINBHAI	
94		1094	160430106112	VALA JAYSUKH SADULBHAI	
95	22	1095	160430106115	VISHWAKARMA ARJUN RAMPRASAD	Drive the equation of Change in Dimensions and Volumn for Thin Spherical Shell
96		1096	160430106116	YAGNADEEPSINH CHUDASAMA	
97		1097	160430106117	ZADAFIYA GAUTAM HARESHBHAI	
98		1098	160430106118	ZALA DHARMRAJSINH PRATAPSINH	
99	23	1099	160430106120	ROMESHKUMAR	Solve two Example based on Thin cylindrical Sheel
100		1100	160430106121	BANPYNTNGEN SYIEM	
101		1101	160430106122	SHYAM G MOMIN	
102		1102	160430106123	WADBOR SHULLET	
103	24	1103	170433106001	AMISH CHAUHAN	Solve two Example based on Thin cylindrical Sheel
104		1104	170433106002	BAGUL ROHITKUMAR JAYRAMBHAI	
105		1105	170433106003	BALDANIYA SANDIPKUMAR BHUPATBHAI	
106		1106	170433106004	BAMBHA MEHUL RAMABHAI	
107		1107	170433106006	BARAIYA KEVALKUMAR MADHUBHAI	

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108	25	1108	170433106007	BHINGARADIYA PARTHKUMAR PRAKASHBHAI	Basic Concept and Two Numerical for Fixed Beams
109		1109	170433106009	CHAUDHARI NISARGKUMAR DEVENDRABHAI	
110		1110	170433106010	CHAUHAN ALKESHBHAI GHANSHYAMBHAI	
111		1111	170433106012	DIHORA RAKESHBHAI BHUPATBHAI	
112		1112	170433106013	GODHANI NIKUNJBHAI BHUPATBHAI	
113	26	1113	170433106014	GOHEL PARTH PANKAJKUMAR	Two Numerical for Fixed Beams
114		1114	170433106015	GOHIL PRANAVKUMAR NARANBHAI	
115		1115	170433106016	HINGU SAGAR ASHOKKUMAR	
116		1116	170433106017	KANZARIYA NIKULBHAI KANTIBHAI	
117		1117	170433106018	MAKWANA CHANDRAKANT JERAMBHAI	
118	27	1118	170433106019	MAKWANA MEHUL VINODBHAI	Basic Concept and Two Numerical for Consistance Deformation method
119		1119	170433106020	MANIYA HARDIKKUMAR MANSUKHBHAI	
120		1120	170433106021	NAKUM CHIRAG MAHESHBHAI	
121		1121	170433106023	PARMAR VINODKUMAR AMARSHEEBHAI	
122		1122	170433106024	PATEL RAKSHIT RAJESH	
123	28	1123	170433106025	PATELIYA PARTH GHANASHYAMBHAI	Basic Concept and Two Numerical for Consistance Deformation method
124		1124	170433106027	RATHOD ABRARHUSEN FIROJKHA	
125		1125	170433106028	RATHOD PRAKASHBHAI HIMMATBHAI	
126		1126	170433106029	RATHOD SAMIR CHHAGANBHAI	
127	29	1127	170433106030	RATHOD VIPUL JAYANTIBHAI	Basic Concept of Strain Energy and study of Strain energy due to gradual, sudden and impact loading
128		1128	170433106031	RUPAPARA ASHISH SUBHASHBHAI	
129		1129	170433106032	SATYAM SHUKLA	
130		1130	170433106033	SAVALIYA JAYDIPKUMAR NANUBHAI	
131	30	1131	170433106034	SINGHANIA JAY SANJAY	Study of Strain energy due to Shear, Bending and Torsion with any one numerical.
132		1132	170433106035	VASAVA ASHISHKUMAR RAMSINGBHAI	
133		1133	170433106036	VYAS NAMAN PRAKASHKUMAR	
134		1134	170433106037	ZAPADIYA YOGESHKUMAR RANCHHODBHAI	

Note: All FOURTH SEMESTER students of CIVIL ENGINEERING DEPARTMENT are informed that,

* One student of Group will have to send Power Point Presentation (PPT) of their GROUP on/before 05-03-2018 to Mail ID of Prof. K. A. Mehta (profmehta.ppt@gmail.com)

* All Student will have to Prepare the power - point presentation/slides in GROUP, which is include animations, pictures, graphics of concern topic.

* All Students should mentioned all details like Name of College with LOGO, Name of Students along with Enrollment Number, Roll Number, Group Number and Department in very First Slide of PPT.

* Student must mention in the SUBJECT of Mail : [GROUP NUMBER - ____]_[Title of PPT]_Civil Branch.
e.g. GROUP NUMBER - 21_Drive the equation of Change in Dimensions and Volumn for Thin Cylindrical Shell_Civil Engineering

Prof. K. A. Mehta