

SHANTILAL SHAH ENGINEERING COLLEGE, BHAVNAGAR

APPLIED MECHANICS DEPARTMENT

LAST DATE TO SUBMIT PPT as Active Learning Assignment (ALA) is 22/02/2019

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

#	Team No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
1	1	1001	170430106001	ANIYALIYA BHAVIKABEN GHANSHYAMBHAI	Types of statically determinate & indeterminate structures, static and kinematic indeterminacy, stability of structures
2		1002	170430106002	ANSARI ASRARUDDIN QUAMUDDIN	
3		1003	170430106004	BARIA JIGNA KARANSINH	
4		1004	170430106007	BHATI SAWAISINGH GOVINDSINGH	
5		1005	170430106008	BHATT ANUJ DHARMENDRABHAI	
6	2	1006	170430106009	BHATT DHRUVKUMAR RAJESHKUMAR	Principle of superposition, Maxwell's reciprocal theorems. Computation of internal forces in statically determinate structures such as plane truss
7		1007	170430106010	BHATTHIVALA KISHAN PURANMALBHAI	
8		1008	170430106011	BHOYA YOGESHWARI BHAGUBHAI	
9		1009	170430106013	CHAUHAN KAUSHIKBHAI BHIMJIBHAI	
10		1010	170430106015	CHAVDA MILAN RATILAL	
11	3	1011	170430106016	CHAVDA SHIVAM DALAPATBHAI	Principle of superposition, Maxwell's reciprocal theorems. Computation of internal forces in statically determinate structures such as plane frame
12		1012	170430106017	CHAVDA VIJAY MAHENDRABHAI	
13		1013	170430106019	DHAPA NILESHBHAI VALLABHABHAI	
14		1014	170430106020	DHAPA UMESH KANJIBHAI	
15		1015	170430106021	DHOLAKIYA DHAVAL DHIRUBHAI	
16	4	1016	170430106022	DODIYA MANOJ CHANDUBHAI	Principle of superposition, Maxwell's reciprocal theorems. Computation of internal forces in statically determinate structures such as Grids
17		1017	170430106023	DOSHI KRUTARTH DIPAKBHAI	
18		1018	170430106024	DOSHI PRIYANK GAUTAMBHAI	
19		1019	170430106025	GAJERA DARSHAN ASHOKBHAI	
20		1020	170430106026	GAMIT ABHISHEKBHAI KESURBHAI	
21	5	1021	170430106027	GAMIT SHAILESHKUMAR JITENDRABHAI	Differential equation of elastic curve, relation between moment, slope and deflection and sign conventions
22		1022	170430106028	GAMIT UJJVALKUMAR RAMANBHAI	
23		1023	170430106029	GAUSWAMI DIVYESHGIRI DHARAMGIRI	
24		1024	170430106030	GHETIYA YASH AMRUTLAL	
25		1025	170430106031	GOHEL ROHIT MUKESHBHAI	
26	6	1026	170430106032	GOHIL CHHATRAPALSINH JAYRAJSINH	Macaulay's method and its application to beams. (SOLVE TWO EXAMPLE)
27		1027	170430106034	HADIYA PARESH RAJUBHAI	
28		1028	170430106035	HIRAPARA RIYANK BHARATBHAI	
29		1029	170430106037	JAMBUCHA HARDIKBHAI DHIRUBHAI	
30		1030	170430106038	JANI BHAVIK BALASHANKARBHAI	
31	7	1031	170430106039	JANI CHHALAK MARUTIBHAI	Moment Area Method and its application to beams. (SOLVE TWO EXAMPLE)
32		1032	170430106040	JANI KRUPA PARESHBHAI	
33		1033	170430106041	JIVANI SHREYASKUMAR GHANSHYAMBHAI	
34		1034	170430106042	JOLIYA SHWETABEN VALJIBHAI	
35		1035	170430106043	KACHA GOPIBEN GOVINDBHAI	

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#	Team No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
36	8	1036	170430106044	KALANI ANJALI NARENDRABHAI	Conjugate Beam Method and its application beams. (SOLVE TWO EXAMPLE)
37		1037	170430106045	KALSARIYA PRADIP NAGJIBHAI	
38		1038	170430106046	KANANI GROHITKUMAR BHARATBHAI	
39		1039	170430106048	KANZARIYA KRIPAL PRAVINBHAI	
40		1040	170430106049	KATTA AZAD HITENDRABHAI SONI	
41	9	1041	170430106050	KURUNDALE SHUBHAM KIRANBHAI	Joint displacement of determinate plane truss using unit load method (ONE EXAMPLE)
42		1042	170430106052	LAKHANI SUMITKUMAR KISHORBHAI	
43		1043	170430106053	LAKHMANI VIVEK DILIPBHAI	
44		1044	170430106054	LANGHANOJA PARTH NITINBHAI	
45		1045	170430106055	LATHIYA VIKAS DINESHBHAI	
46	10	1046	170430106056	LIMBAD DHARMJIT GAMBHIRSINH	Difference between axial load and Eccentric load, Definition of Eccentricity. Effect of axial load and eccentric load on column
47		1047	170430106059	MAKWANA PARTH BHARATBHAI	
48		1048	170430106060	MAKWANA YATINKUMAR DILIPBHAI	
49		1049	170430106061	MALAVIYA DHRUVIN HARSUKHBHAI	
50		1050	170430106062	MAYANI DHRUVKUMAR VIPULBHAI	
51	11	1051	170430106063	MER ALPESHBHAI BHUPATBHAI	Stress distribution in column by using maximum and minimum stresses equation and its sign convention, Limit of eccentricity with no tension condition.
52		1052	170430106064	MER KETANBHAI VALLABHBHAI	
53		1053	170430106065	METALIYA HARESHBHAI ARJANBHAI	
54		1054	170430106066	MEVADA DHAVAL HIMMATBHAI	
55	12	1055	170430106067	MORI MILIND JIGNESHBHAI	Explained and to draw the Core Or KERNEL of the section 1. Rectangular, 2. Hollow Rectangular, 3. Circular Section, 4. Hollow Circular Section, 5. I - Section, 6. T - Section
56		1056	170430106068	MUNDHAVA RAVIBHAI RAMJIBHAI	
57		1057	170430106069	MUNGALPARA DIGJAY BHAGVANBHAI	
58		1058	170430106070	NANDARIYA DHAVAL VIRAMBHAI	
59	13	1059	170430106071	PANDYA AKSHAR HITESHKUMAR	Maximum and Minimum stress in rectangular section with two Numerical
60		1060	170430106072	PANDYA ARJUN MANOJKUMAR	
61		1061	170430106073	PANDYA SHYAM RAJESHKUMAR	
62		1062	170430106074	PAREKH ABHISHEK GHANSHYAMBHAI	
63	14	1063	170430106076	PARMAR UTTAMKUMAR RAYSINGBHAI	Definition of Column and Strut, columns end conditions and its effective length
64		1064	170430106078	PARMAR VIVEK HITESHBHAI	
65		1065	170430106079	PATEL MILANKUMAR JITENDRABHAI	
66		1066	170430106080	PATEL NIKITA CHETANBHAI	
67	15	1067	170430106081	PATEL PRATIKKUMAR HIMMATLAL	Drive the Euler's Formula and its application with assumptions also write the Rankine's Formula
68		1068	170430106082	PATEL SOHAGBHAI RAJESHBHAI	
69		1069	170430106083	PATELIA HARDIK LAXMANBHAI	
70		1070	170430106084	POKIYA HARDIK ANILBHAI	

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#	Team No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
71	16	1071	170430106085	PUROHIT RAHUL LALJIBHAI	Numerical Based upon Euler's and Rankin's Formula (Two for Each)
72		1072	170430106086	RAKHOLIYA HIMANSHUKUMAR BHARATBHAI	
73		1073	170430106087	RAMANI RAJ DINESHBHAI	
74		1074	170430106088	RATHOD ASHUTOSH JITENDRABHAI	
75	17	1075	170430106090	RATHOD RINKALBEN RAJUBHAI	Explain Arches, Cables and Suspension Bridges,
76		1076	170430106091	RAUT NAYANKUMAR GULABBHAI	
77		1077	170430106092	RAVAL VISHALBHAI RAMESHBHAI	
78		1078	170430106093	SADADIA KASHISH BHADRESH	
79	18	1079	170430106094	SAPARA NAVNEET BHARATBHAI	Solve two Numerical of Three Hinge arches
80		1080	170430106095	SAPRA URVISH BHARATKUMAR	
81		1081	170430106096	SARDHARA NAVDIP RAMESHBHAI	
82		1082	170430106097	SARDHARA UCHIT SHAILESHBHAI	
83	19	1083	170430106098	SARVAIYA RAHUL ASHOKBHAI	Solve two Numerical of Cable and Suspension Bridge
84		1084	170430106099	SHAH JAYNAM SHARADBHAI	
85		1085	170430106100	SHAH SOHAM HEMANTBHAI	
86		1086	170430106101	SHINGALA PARTH MANSUKHBHAI	
87	20	1087	170430106102	SIDAPARA NIDHDHI DINESHBHAI	Drive the equation of Hoop and Longitudinal Stress for Thin Cylindrical Shell
88		1088	170430106103	SOLANKI PIYUSH MUKESHBHAI	
89		1089	170430106104	T ANUP AUGUSTIN	
90		1090	170430106105	THUMMAR NIKUNJ DHANJIBHAI	
91	21	1091	170430106106	TIMBADIYA KHANJAN RASIKBHAI	Drive the equation of Change in Dimensions and Volumn for Thin Cylindrical Shell
92		1092	170430106107	VADHER ASHISH RAJESHBHAI	
93		1093	170430106108	VAGHAMSHI VIJAYBHAI RAJABHAI	
94		1094	170430106109	VAGHELA PRASHANT DINESHBHAI	
95	22	1095	170430106110	VAJA JAY MUKESHBHAI	Drive the equation of Change in Dimensions and Volumn for Thin Spherical Shell
96		1096	170430106111	VALA MIHIRBHAI DINESHBHAI	
97		1097	170430106114	VYAS PRIYA KAMLESHBHAI	
98		1098	170430106115	YADAV ANKUR HIRDAYANAND	
99	23	1099	170430106116	ZALA RADHIKA RAJESHBHAI	Solve two Example based on Thin cylindrical Sheel
100		1100	170430106117	ZAVERI RUSHABH HARSHADRAY	
101		1101	170430106118	NOKSENGAT N SANGMA	
102		1102	170430106119	THAIDONIA F PALA	
103	24	1103	180433106001	BHALANEE PRADIP LALAJIBHAI	Solve two Example based on Thin cylindrical Sheel
104		1104	180433106002	BHATTI RUTVIK AMITBHAI	
105		1105	180433106003	CHAUDHARI NIRMALKUMAR NASHVANTBHAI	
106		1106	180433106004	DALWADI RAJU MAHENDRABHAI	
107		1107	180433106005	DAUDIYA PRASHANT HASMUKHBHAI	

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#	Team No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
108	25	1108	180433106006	DAVE VEDANT HARESHBHAI	Basic Concept and Two Numerical for Fixed Beams
109		1109	180433106007	DETHALIYA PRINCE NARENDRBHAI	
110		1110	180433106008	DOSHI DARSHAN CHETANKUMAR	
111		1111	180433106009	GAMIT SURAJBHAI ANILBHAI	
112		1112	180433106010	GAYAKVAD SUNILBHAI CHHANYABHAI	
113	26	1113	180433106012	GONDALIYA VAIBHAVDAS BHARATDAS	Two Numerical for Fixed Beams
114		1114	180433106013	GUNDIGARA ANJLEE PANKAJKUMAR	
115		1115	180433106014	JARIWALA ADITI ASHISH	
116		1116	180433106015	KANZARIYA PRADIP JAGDISHBHAI	
117		1117	180433106016	MAIYA HIRENKUMAR KISHORBHAI	
118	27	1118	180433106017	MAKAVANA KASHYAP NATHABHAI	Basic Concept and Two Numerical for Consistance Deformation method
119		1119	180433106018	MAKWANA JALPABEN HARESHBHAI	
120		1120	180433106019	MAKWANA VIVEK GOPALBHAI	
121		1121	180433106020	MANKADA SHABBIR YUSUFBHAI	
122		1122	180433106021	MEKHIYA ASHISH ARVINDBHAI	
123	28	1123	180433106022	MORI PARASKUMAR PUNABHAI	Basic Concept and Two Numerical for Consistance Deformation method
124		1124	180433106024	PANSURIYA PARTH RAJESHBHAI	
125		1125	180433106025	PARGI KAUSHIKKUMAR RUPACHANDBHAI	
126		1126	180433106026	PARMAR SMIT ANILKUMAR	
127	29	1127	180433106028	PORIYA NAINESH ZAVERBHAI	Basic Concept of Strain Energy and study of Strain energy due to gradual, sudden and impact loading
128		1128	180433106029	RATHOD AMISHABEN DILIPBHAI	
129		1129	180433106030	RATHOD SATYAJEETSINH AJITSINH	
130		1130	180433106031	RATHOD VISHALBHAI MOHANBHAI	
131	30	1131	180433106032	SASPARA RAJANBHAI SHAMBHUBHAI	Study of Strain energy due to Shear, Bending and Torsion with any one numerical.
132		1132	180433106033	SHAH PAL DHIREN	
133		1133	180433106034	SINH RUPESH SHREESHAILENDRA	
134		1134	180433106035	SODAVADIYA MANSI PANKAJBHAI	
135	31	1135	180433106036	VAGHASHIYA JAIMIN SANJAYBHAI	Drive the Euler's Formula and its application with assumptions for both ends are fixed.
136		1136	180433106037	VAJA PARESHKUMAR CHOTHABHAI	
137		1137	180433106038	VALAND YASH MANHARBHAI	
138		1138	180433106039	VINZUDA RAVI MOHANBHAI	
139		1139	180433106040	VYAS PRACHIBAHEN BHAVESHBHAI	

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

* Students Group will have to submit Power Point Presentation (PPT) of their GROUP on/before 22/02/2019 to Prof. D. P. Advani.

* All Student will have to Prepare the power - point presentation/slides, 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 Frist Slide of PPT.