

SHANTILAL SHAH ENGINEERING COLLEGE - BHAVNAGAR

Applied Mechanics Department

Power Point Presentation under the Active Learning Assignment for the SIXTH Semester Students of Civil Engineering Department.

Name of Subject: **Elementary Structural Design**
Subject Code: **2160607**

Group No.	ROLL NO.	ENROLMENT NO.	NAME OF STUDENTS	PPT Subject
1	1001	130430106031	Diyora Uday Arvindbhai	Introduction : Design Philosophies - Working stress Method, Ultimate Load Method, Limit State Method, Plastic Method.
	1002	130430106034	Gamit Ashishkumar Vijaybhai	
	1003	130430106062	Kurkutiya Vivekkumar Manilal	
	1004	130430106098	Rathod Satishkumar Lalitbhai	
2	1005	140430106017	Chaudhri Ayeshaben Nileshbhai	Limit State of Flexure: Stress-strain characteristics of concrete & reinforcing steel, Type of section-under reinforced, over reinforced & balance section,
	1006	140430106032	Ganvit Divyenkumar	
	1007	140430106100	Rathod Satishkumar Babubhai	
	1008	140430106102	Raut Krunalkumar Dineshbhai	
3	1009	150430106001	Alodariya Harshit Dhirajlal	Moment of Resistance for singly reinforced, doubly reinforced and flanged sections
	1010	150430106002	Astha Sarvaiya	
	1011	150430106003	Attarwala Abbas Hakimuddin	
	1012	150430106005	Baldaniya Baldevbhai Chakurbhai	
4	1013	150430106006	Bambhaniya Hiteshkumar Ashokbhai	Limit State of Shear with Example
	1014	150430106007	Bathvar Dharmesh Rameshbhai	
	1015	150430106010	Bhusara Mayurkumar Bhagubhai	
	1016	150430106012	Butani Nilkanth Arvindbhai	
5	1017	150430106013	Chaudhari Gaurav Kumar Suresh Bhai	Limit State of Torsion with Example
	1018	150430106014	Chaudhari Hardikkumar Sureshbhai	
	1019	150430106015	Chaudhari Mayankkumar Lavajibhai	
	1020	150430106017	Chaudhari Pankaj	
6	1021	150430106018	Chaudhari Pradipkumar Mukeshbhai	Limit State of combined flexure and torsion with Example
	1022	150430106019	Chauhan Mayurkumar Bhadreshbhai	
	1023	150430106021	Chavda Shubhrajbhai Kanubhai	
	1024	150430106022	Chhotala Girish Jabarbhai	
7	1025	150430106023	Chotaliya Keyur Sureshbhai	Bond & Anchorage in R.C. structures with Example
	1026	150430106024	Chovatiya Ankit Rajubhai	
	1027	150430106025	Dankhara Akshaybhai Valjibhai	
	1028	150430106027	Dhameliya Mahavir Bhavinbhai	
8	1029	150430106028	Dhanani Mehulkumar Jitendrabhai	Development length, splicing in R.C. element with Example
	1030	150430106029	Dholariya Milan Keshubhai	
	1031	150430106030	Dhoriyani Kishankumar Dalsukhbhai	
	1032	150430106031	Dodiya Kuldeep Danubhai	
9	1033	150430106032	Dudhat Rushil	Design of R.C.Beams: Simply supported with One example of Analysis & one example of Design
	1034	150430106033	Gayakwad Brijeshbhai Kasturbhai	
	1035	150430106035	Ghori Pratik Sureshbhai	
	1036	150430106036	Gohil Jaydipbhai Valjibhai	

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10	1037	150430106037	Gohil Jaydipkumar Ravatbhai	Design of R.C.Beams: cantilever with One example of Analysis & one example of Design
	1038	150430106038	Gohil Mahipalsinh Sajubha	
	1039	150430106039	Gohil Mohitkumar Sursinhbhai	
	1040	150430106040	Gohil Narvanbhai Keshubhai	
11	1041	150430106041	Gudrashiya Alpeshkumar Maganbhai	Design of R.C.Beams: continuous with One example of Analysis & one example of Design
	1042	150430106042	Hadiya Chetan Babubhai	
	1043	150430106043	Hadiya Hiteshkumar Dulabhai	
	1044	150430106045	Italiya Hardikbhai Bhagwanbhai	
12	1045	150430106048	Jani Ruchikkumar Karshanbhai	Design of R.C.Slab: One way with One example.
	1046	150430106049	Jasani Paramkumar Dulabhai	
	1047	150430106050	Jidiya Mehul Parsotambhai	
	1048	150430106053	Kamaliya Jeetu Arjanbhai	
13	1049	150430106055	Kanotara Gopalbhai Dhirubhai	Design of R.C.Slab: Two way simply supported with One example.
	1050	150430106056	Kasundra Umesh Dineshbhai	
	1051	150430106057	Katariya Dharmesh Dulabhai	
	1052	150430106059	Katariya Sagar Balubhai	
14	1053	150430106060	Kavad Ashvinkumar Bijalbhai	Design of R.C.Slab: Two way continuous supported with one Example
	1054	150430106061	Kevadiya Mayur Pravin	
	1055	150430106063	Khilangiri Goswami	
	1056	150430106064	Khunt Devangkumar Dilipbhai	
15	1057	150430106065	Kodavala Harshit Rajubhai	Design of R.C.Column: Classifications, Assumptions.
	1058	150430106066	Kodavala Yash Ashvinbhai	
	1059	150430106067	Kukadiya Urvik Rameshbhai	
	1060	150430106068	Mahla Krupeshbhai Rameshbhai	
16	1061	150430106069	Majithiya Riddhi Bipinbhai	Design of R.C.Column: Design of Short Columns under axial load with example
	1062	150430106070	Makvana Jaypal Manharbhai	
	1063	150430106071	Makvana Kishanbhai Ganshyambhai	
	1064	150430106073	Makwana Hardik Nitinbhai	
17	1065	150430106077	Makwana Surajkumar Bharatbhai	Design of RC Foundations: Design of isolated footing under axial load with example
	1066	150430106078	Malakiya Anita	
	1067	150430106079	Mangukiya Jigar Pravinbhai	
	1068	150430106080	Nakiya Jaykishan Ganpatbhai	
18	1069	150430106083	Pajwani Parth Dharmeshbhai	Design of RC Foundations: Design of isolated footing under uni-axial load with example
	1070	150430106084	Paladiya Sahilkumar Shantilal	
	1071	150430106085	Pandya Komalben Dhirajlal	
	1072	150430106086	Pandya Rajvi Hasmukhbhai	
19	1073	150430106087	Pankhania Vishal Harishbhai	Design of Foundations: Design Combined Footings
	1074	150430106088	Parmar Jaydeep Rameshbhai	
	1075	150430106089	Parmar Parth Mahendrabhai	
	1076	150430106091	Patel Dixitbhai Ayatabhai	

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20	1077	150430106092	Patel Khyati Chetankumar	Design of Steel Tension Member with One example of Analysis & one example of Design
	1078	150430106093	Patel Ranvirkumar Dilipbhai	
	1079	150430106094	Patel Shahilbhai Girishbhai	
	1080	150430106095	Patel Tejashkumar	
21	1081	150430106096	Patel Tripexkumar	Design of Steel Compression Member with One example of Analysis & one example of Design
	1082	150430106097	Pinjar Vishalkumar Lakhbhai	
	1083	150430106099	Rathod Gaurang Chimanbhai	
	1084	150430106100	Rathod Harshadbhai	
22	1085	150430106101	Rathod Krunalsinh	Design of Steel beams with one example
	1086	150430106102	Rathod Mayurkumar Rameshbhai	
	1087	150430106104	Rutvikbhai Rajubhai Chaudhari	
	1088	150430106105	Sakariya Gaurav Rameshbhai	
23	1089	150430106106	Sangani Pinalkumar Maheshbhai	Design of Steel Beam-Columns with example
	1090	150430106107	Sankaliya Jignesh Jayantibhai	
	1091	150430106108	Sapara Rameshbhai Premabhai	
	1092	150430106110	Savaliya Nayankumar Bharatbhai	
24	1093	150430106111	Savani Kevalkumar Ashokbhai	Design of Steel Slab based foundation with example
	1094	150430106112	Senta Pankajkumar Khatabhai	
	1095	150430106114	Sheladiya Ankit	
	1096	150430106115	Shishara Kamlesh Raghavbhai	
25	1097	150430106116	Siddhapura Jaydipkumar Bharatbhai	Design of Steel gusseted based fondation
	1098	150430106117	Solanki Maheshbhai Ramjibhai	
	1099	150430106119	Sonani Raj Ganeshbhai	
	1100	150430106120	Vaghani Jay Rameshbhai	
26	1101	150430106121	Vainsh Krunalsinh Hamirbhai	Design of steel bolted connection using ordinary bolts
	1102	150430106122	Viththani Ronak Haribhai	
	1103	150430106124	Vyas Hiral	
	1104	150430106125	Zinzala Dipak Maheshbhai	
27	1105	150430106126	Dapmain Nongtdu	Design of steel bolted connection using HSFG bolts
	1106	150430106127	Edda Sweety D Areng	
	1107	150430106128	Melampynshai Nongrum	
	1108	160433106001	Bhikadiya Meet Manjibhai	
28	1109	160433106002	Borisa Vasu Mangalji	Design steel welded connections- Fillet and Butt weld
	1110	160433106003	Chaudhari Avinashkumar Vinodbhai	
	1111	160433106005	Chauhan Anilkumar Vinubhai	
	1112	160433106006	Chauhan Jaydeep Bhavsangbhai	

Group No.	ROLL NO.	ENROLMENT NO.	NAME OF STUDENTS	PPT Subject
29	1113	160433106007	Chavda Lalitbhai Khimjibhai	Design of simple connections in steel such as lap and butt joints
	1114	160433106008	Chhelana Akash Rudabhai	
	1115	160433106009	Chotaliya Harshal Hareshbhai	
	1116	160433106010	Dodiya Amitababen Jorshangbhai	
30	1117	160433106011	Gabani Milan Ganeshbhai	Design of simply supported beam with One example of Analysis & one example of Design
	1118	160433106012	Gareja Milan Karabhai	
	1119	160433106013	Gohil Dharmendrasinh Vanrajsinh	
	1120	160433106014	Jadeja Trishanaba Vanrajsinh	
31	1121	160433106016	Kalathiya Parth Pravinbhai	Design of R.C.Slab: Two way continous supported with example
	1122	160433106017	Kimtani Vishal Satishkumar	
	1123	160433106018	Lakum Kamalesh Arvindbhai	
	1124	160433106019	Makwana Chirag Jayantibhai	
32	1125	160433106020	Makwana Ridhhiben Vimalbhai	Design of Steel Compression Memberwith One example of Analysis & one example of Design
	1126	160433106021	Makwana Uday Rameshbhai	
	1127	160433106022	Malaviya Vishal Rajeshbhai	
	1128	160433106023	Mulani Maheshbhai Premjibhai	
33	1129	160433106024	Nakrani Mayur Jayntibhai	Design of R.C.Slab: One way with example
	1130	160433106025	Pandya Punam Chhelshankar	
	1131	160433106026	Pansuriya Pratik Ghanshyambhai	
	1132	160433106028	Patel Mohak Sureshbhai	
34	1133	160433106029	Patel Shyam Babubhai	Design of Steel Compression Member with One example of Analysis & one example of Design
	1134	160433106030	Poriya Umeshbhai Rameshbhai	
	1135	160433106031	Rathod Dharmesh Bharatbhai	
	1136	160433106032	Solanki Kishankumar Chimanbhai	
	1137	160433106033	Umrliya Parth Kalpeshbhai	

Note: All SIXTH 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 25-02-2018 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 - 5_Limit State of Torsion_Civil Engineering

Prof. K. A. Mehta