

Group	Location #	Truss Type	Truss Span (m)	Height of Column (m)	Roof Slope	Spacing between Trusses (m)	No of Truss	Capacity of Crane (kN)	Trolley Car Wt (kN)	Min. hook approach (m)	Wheel Base (m)	Wt of the CB (kN)	Crane Rail	
													Wt (kN/m)	Base (mm)
1	M	A	9	9.75	1 in 3	4.5	8	100	35	1	3	115	298	90
2	R	A	9	9.75	1 in 3	4.5	8	100	35	1	3	115	298	90
3	K	A	9	9.75	1 in 3	4.5	8	100	35	1	3	115	298	90
4	P	A	9	9.75	1 in 3	4.5	8	100	35	1	3	115	298	90
5	G	A	9	9.75	1 in 3	4.5	8	100	35	1	3	115	298	90
6	D	A	9	9.75	1 in 3	4.5	8	100	35	1	3	115	298	90
7	M	B	18	9.75	1 in 3	6	8	200	40	1.2	2.2	225	298	90
8	R	B	18	9.75	1 in 4	6	8	200	40	1.2	3.5	225	298	90
9	K	B	18	9.75	1 in 4	6	8	200	40	1.2	3.5	225	298	90
10	P	B	18	9.75	1 in 4	6	8	200	40	1.2	3.5	225	298	90
11	G	B	18	9.75	1 in 4	6	8	200	40	1.2	3.5	225	298	90
12	D	B	18	9.75	1 in 4	6	8	200	40	1.2	3.5	225	298	90
13	M	B	18	9.75	1 in 3	6	8	100	35	1	3	115	298	90
14	R	B	18	9.75	1 in 3	6	8	100	35	1	3	115	298	90

M: Mysore=33m/s; R: Rajkot=39m/s; K: Kohima=44m/s; P: Patna=47m/s; G: Gauhati=50m/s; D: Darbhanga=55m/s;

Crane Column Height : 6.0 m
Minimum Clear head room:3.0 m

Tutorial :1-
Design of Steel Structures
Applied Mechanics Department

Date: 19-Feb-18

Sr. No.	ENROLMENT NO.	NAME	Group
1	110430106096	Vaghela Ketankumar Vinodkumar	1
2	110430106100	Parmar Jayeshkumar Dhanjibhai	
3	110430106104	Patel Smitkumar Dineshkumar	
4	120430106116	Dangi Chintankumar Naginbhai	
5	120430106121	Makvana Ravikumar Kanabhai	
6	130430106009	Bhabhor Hirenkumar Rajeshbhai	
7	130430106019	Chaudhary Jeetendrakumar Bhagavanbhai	
8	130430106021	Chavda Lalitbhai Khetabhai	
9	130430106057	Kathad Jignesh Kantilal	
10	140430106001	Ajay Sharma	
11	140430106002	Antala Ravikumar Manharbhai	2
12	140430106003	Badresiya Vijay Pravinbhai	
13	140430106004	Chavda Bansidhar Sureshbhai	
14	140430106005	Baraiya Mukeshbhai Jethabhai	
15	140430106006	Baraiya Rakeshbhai Himmatbhai	
16	140430106007	Barvaliya Abhay Jagadishbhai	
17	140430106008	Barvaliya Sagar Gordhanbhai	
18	140430106009	Bhalala Yagnesh Rameshbhai	
19	140430106010	Bhaliya Ravjibhai Bhikhubhai	
20	140430106011	Bhil Jayantibhai Bavasanbhai	
21	140430106012	Bhivsan Divyeshkumar Zimanbhai	3
22	140430106013	Bhoya Priteshkumar Dharmeshbhai	
23	140430106014	Borada Rahul Prakashbhai	
24	140430106015	Chandpa Manojkumar Hamirbhai	
25	140430106016	Chaudhari Hardik Madanlal	
26	140430106018	Chauhan Rahulbhai Dhirubhai	
27	140430106019	Polara Chirag Devchandbhai	
28	140430106020	Chudasama Brijrajsinh Raghuvirsinh	
29	140430106021	Danidhariya Milanbhai Bhanurambhai	
30	140430106022	Dankhara Niravbhai Dineshbhai	

Sr. No.	ENROLMENT NO.	NAME	Group
31	140430106023	Delivala Hardikkumar Mansukhbhai	4
32	140430106024	Desani Darshankumar Radheshyambhai	
33	140430106025	Devmurari Priyanka Ghanshyambhai	
34	140430106026	Dhalvaniya Pankaj Hasmukhbhai	
35	140430106027	Dhandhukiya Chiragbhai Mukeshbhai	
36	140430106028	Dholakiya Tarunkumar Harajibhai	
37	140430106030	Donda Rahulkumar Babubhai	
38	140430106031	Findoliya Hardikkumar Narendrabhai	
39	140430106035	Gohil Mahipalsinh Ramdevsinh	
40	140430106036	Gohil Shaktisinh Pratapsinh	
41	140430106037	Gohil Vishvdipsinh Pravinsinh	5
42	140430106038	Golaniya Ankit Rameshbhai	
43	140430106039	Gopani Kevansh Kurjibhai	
44	140430106041	Gosai Rahulgiri Arvindgiri	
45	140430106042	Hamirani Divyesh Vijaybhai	
46	140430106043	Haripara Mehul Sureshbhai	
47	140430106044	Isapara Parth Hasmukhbhai	
48	140430106045	Jadav Vishalbhai Narandrabhai	
49	140430106046	Jarman Prakash Ramsevabhahi	
50	140430106047	Jinjala Hareshbhai Veljibhai	
51	140430106048	Jogal Vinod Maldebhai	6
52	140430106049	Joshi Jwalan Maheshchandra	
53	140430106050	Kalasariya Hiren Rameshbhai	
54	140430106051	Kalasariya Rajeshbhai Surabhai	
55	140430106052	Kalathiya Biraj Rameshbhai	
56	140430106053	Kanara Chirag Jethabhai	
57	140430106054	Kanzariya Nikunj Rasiklal	
58	140430106055	Kanzariya Vishal Jagmalbhai	
59	140430106056	Khamal Kapil Valabhai	
60	140430106057	Khandala Khodidas Trikambhai	
61	140430106058	Khunt Mehulkumar Arunbhai	7
62	140430106059	Koladiya Udaykumar Jagdishbhai	
63	140430106060	Kotadiya Mayurbhai Nitinbhai	
64	140430106061	Kucha Kamlesh Parshottambhai	
65	140430106062	Kumbhani Vikas Amrutlal	
66	140430106063	Lunagariya Satishkumar Bharatbhai	
67	140430106064	Machchar Harsh Bharatkumar	
68	140430106065	Machhar Rajkamalsinh Mansingbhai	
69	140430106066	Maher Smit Sagarbhai	
70	140430106067	Mahida Rakeshkumar Harsukhbhai	

Sr. No.	ENROLMENT NO.	NAME	Group
71	140430106068	Makwana Hardik Mahendrabhai	8
72	140430106070	Makwana Rahul Vinodbhai	
73	140430106071	Makwana Sujit Pareshbhai	
74	140430106072	Manasiya Tajudin Ismail	
75	140430106073	Mangani Jayesh Ghanshyambhai	
76	140430106075	Maniya Vishalkumar Mansukhbhai	
77	140430106076	Marfani Uvesh Aminbhai	
78	140430106078	Miyani Manalkumar Mukeshbhai	
79	140430106079	Nakum Aravindbhai Atubhai	
80	140430106080	Navapara Kashyap Pareshbhai	
81	140430106081	Nirmal Darpan Rajendra	9
82	140430106082	Pansara Vaibhavkumar Kanjibhai	
83	140430106084	Parmar Dharmesh Gandadal	
84	140430106085	Parmar Vishwjitsinh Baneshangbhai	
85	140430106086	Patel Axaykumar Ratilal	
86	140430106087	Patel Bhavik Ashokbhai	
87	140430106088	Patel Dharmin Pravinbhai	
88	140430106089	Patel Keval Pareshbhai	
89	140430106090	Patel Kinjalkumar Suryakantbhai	
90	140430106092	Patel Pratikkumar Ratilal	
91	140430106093	Rajyaguru Harsh Pravinchandra	10
92	140430106095	Rathod Harsh Girishbhai	
93	140430106096	Rathod Kuldipsinh Ramsingbhai	
94	140430106098	Rathod Navdipkumar Nileshbhai	
95	140430106099	Rathod Sagarbhai Jorsangbhai	
96	140430106101	Rathva Akshaykumar Vinubhai	
97	140430106103	Ribadiya Ravi Kurajibhai	
98	140430106104	Sarvaiya Shubhamrajsinh Ashoksinh	
99	140430106105	Sojitra Tushar Mukeshbhai	
100	140430106106	Solanki Arati Paramabhai	
101	140430106107	Solanki Baldev Ramjibhai	11
102	140430106108	Solanki Jaydip Rameshbhai	
103	140430106110	Solanki Rahul Bharatbhai	
104	140430106111	Solanki Viraj Karanbhai	
105	140430106112	Sonagra Ramesh Mathur	
106	140430106113	Songara Devendra Vasantlal	
107	140430106114	Soni Malav Maheshkumar	
108	140430106115	Makwana Sunilkumar Rameshbhai	
109	140430106116	Sureja Darshankumar Arvindbhai	
110	140430106117	Sutariya Akshaykumar Dhirajlal	
111	140430106118	Tadvi Sunilbhai Vikrambhai	
112	140430106119	Togadiya Parth Bhupatbhai	

Sr. No.	ENROLMENT NO.	NAME	Group
113	140430106120	Vaghasiya Jaydip Shantibhai	12
114	140430106121	Vaghasiya Parthkumar Bharatbhai	
115	140430106122	Vaja Bhaveshkumar Arjanbhai	
116	140430106123	Vasava Jayeshkumar Valjibhai	
117	140430106124	Viradiya Niravkumar Gordhanbhai	
118	140430106125	Viradiya Pratikkumar Pravinbhai	
119	140430106126	Virani Mahmadtaki Mukhtarali	
120	140430106128	Diksera B Marak	
121	140430106129	Ibakynsai L Nongpiur	
122	150433106002	Badi Mohamadinzam Rasul	
123	150433106004	Bhavshar Rushabhkumar Hemantkumar	
124	150433106005	Chauhan Pritibahen Ashokbhai	
125	150433106006	Chavda Sunitaben Govindbhai	
126	150433106007	Dhameliya Vishalbhai Rameshbhai	
127	150433106009	Garasiya Nirajkumar Ashvinbhai	
128	150433106010	Gondaliya Parth Hiteshbhai	
129	150433106011	Goswami Mithil Narendrabharthi	
130	150433106014	Kakarecha Chirag Vinodbhai	
131	150433106015	Kheradiya Ajitsinh Manubhai	
132	150433106016	Lela Govind Ranabhai	
133	150433106017	Lotia Mustafa Faiyazbhai	
134	150433106018	Makwana Nagjibhai Jadurambhai	
135	150433106019	Padvi Vimalkumar Dalubhai	14
136	150433106020	Parmar Mayur Dhirajlal	
137	150433106021	Rathod Dheeraj Vinodbhai	
138	150433106022	Rathod Dipak Ashokbhai	
139	150433106023	Satvara Paraskumar Ghanshyambhai	
140	150433106024	Savaliya Vishalkumar Jayantibhai	
141	150433106026	Surkar Dharmeshbhai Vishnubhai	
142	150433106027	Tibadiya Ashishbhai Dhirubhai	
143	150433106028	Vadadoriya Kirit Himmatbhai	
144	150433106029	Vasava Sunitaben Jethiyabhai	

