

## MECH ( 6th Sem ) Seminar Topics (MACHINE DESIGN)

Sr No.	Name Of Student	Roll No.	Topic
1	Abhinav Dadhwal	2017/161	Design procedure, Characteristics of a good designer, stress concentration
2	Aditya Rana	2017/162	
3	Aman Dhiman	2017/163	
4	Amreek Singh	2017/164	
5	Aojaswi Raja	2017/165	
6	Arpit	2017/166	Properties of engineering materials: elasticity, plasticity, malleability, ductility, toughness, hardness and resilience. Fatigue, creep, tenacity, strength Selection of materials, criterion of material selection
7	Bijpal Singh	2017/167	
8	David	2017/169	
9	Davinder Singh	2017/170	
10	Dheeraj Kumar	2017/171	
11	Divij Sethi	2017/172	Classification of loads, Design under tensile, compressive and torsional loads.
12	Gurparkash Verma	2017/174	
13	Hansdeep Singh	2017/176	
14	Ishan Garg	2017/180	
15	Jagmeet Singh	2017/181	
16	Jashanjit Singh	2017/183	Type of shaft, shaft materials, Type of loading on shaft, Shaft subjected to torsion only, determination of shaft diameter (hollow and solid shaft) on the basis of : - Strength criterion
17	Jaswinder Singh	2017/185	
18	Jaswinder Singh	2017/186	
19	Karan Mittal	2017/187	
20	Kartik Sharma	2017/188	
21	Kavi	2017/189	Types of key, materials of key, functions of key Failure of key (by Shearing and Crushing).
22	Kunal Verma	2017/192	
23	Lali Singh	2017/193	
24	Mayank Thakur	2017/197	
25	Mayank Vashisht	2017/198	
26	Mohit Kaundal	2017/199	Knuckle Joints – Different parts of the joint, material used for the joint, type of knuckle Joint, design of the knuckle joint.
27	Mohit Verma	2017/200	
28	Naveen Semwal	2017/202	
29	Rajeev Shaw	2017/204	
30	Ranvir partap Singh	2017/205	
31	Rattan	2017/206	Cotter Joint – Different parts of the spigot and socket joints, Design of spigot and socket joint
32	Sahil Kumar	2017/210	
33	Sandeep Dhiman	2017/211	
34	Shailesh Dhiman	2017/213	
35	Sharanpreet Singh	2017/214	
36	Simranjit Singh	2017/216	Riveted Joints. : Rivet materials, Rivet heads, leak proofing of riveted joint – caulking and fullering.
37	Toshar Singh Virk	2017/219	
38	Umesh Gaba	2017/221	
39	Vikas	2017/222	
40	Gursewak Singh	2016/181	

41	ANIL KUMAR	2018/228	Necessity of a coupling, advantages of a coupling, types of couplings, design of muff coupling, design of flange coupling.
42	BALKAR SINGH	2018/229	
43	DHEERAJ KUMAR	2018/230	
44	GURPREET SINGH	2018/231	
45	GURSEWAK SINGH	2018/232	
46	HARKIRAT SINGH	2018/233	Introduction, Advantages and Disadvantages of screw joints, Important terms used in screw threads,
47	JASDEEP SINGH	2018/234	
48	MANTHAN SAGGU	2018/235	
49	MOHIT	2018/236	
50	MONU SHARMA	2018/237	
51	PANKAJ MITTAL	2018/238	Design of key (Determination of key dimension) Effect of keyway on shaft strength.
52	RANJEET SINGH	2018/239	
53	ROHIT RAWAT	2018/241	
54	SANDEEP SINGH	2018/242	
55	TEJINDER SINGH	2018/244	
56	UMESH	2018/245	