

## Seminar Topics

S No	Name of Candidate	Poly Roll	Semiar Topic
1	AAYUSH BHARDWAJ	2018/161	Classification of load, stresses and strain
2	AKASH CHAUDHARY	2018/163	Concept of Elasticity, Elastic limit and limit of proportionality, Hook's Law, Young Modulus of elasticity, Nominal stress, Yield point, plastic stage, Ultimate strength and breaking stress, Percentage elongation, Proof stress and working stress, Factor of safety, Shear modulus
3	AKASH KUMAR	2018/164	Resilience, proof resilience and modulus of resilience, Strain energy due to direct stresses, Stresses due to gradual, sudden and falling load.
4	ATUL SHARMA	2018/168	Concept of moment of inertia and second moment of area, Radius of gyration, Theorm of perpendicular axis and parallel axis (without derivation)
5	BALWINDER SINGH	2018/170	Concept of beam and form of loading, Concept of end supports- Roller, hinged and fixed
6	CHETAN BHARDWAJ	2018/171	Types of columns, Buckling load, crushing load, Slenderness ratio, Factors effecting strength of a column
7	DEPENDER SINGH	2018/173	Concept of torsion- difference between torque and torsion. Comparison between solid and hollow shaft with regard to their strength and weight.
8	DHRUV VERMA	2018/174	Types of Springs and Functions performed by Spring
9	DUSHYANT SABHARWAL	2018/176	Explanation of Stress-Strain curve for Brittle and Ductile materials
10	GOURAV KUMAR	2018/178	Classification of load, stresses and strain
11	HARINDER SINGH	2018/182	Concept of Elasticity, Elastic limit and limit of proportionality, Hook's Law, Young Modulus of elasticity, Nominal stress, Yield point, plastic stage, Ultimate strength and breaking stress, Percentage elongation, Proof stress and working stress, Factor of safety, Shear modulus
12	HARKIRAT SINGH	2018/183	Resilience, proof resilience and modulus of resilience, Strain energy due to direct stresses, Stresses due to gradual, sudden and falling load.
13	HIMANSHU RAI SHARMA	2018/187	Concept of moment of inertia and second moment of area, Radius of gyration, Theorm of perpendicular axis and parallel axis (without derivation)
14	JAGJOT SINGH KHATTRA	2018/188	Concept of beam and form of loading, Concept of end supports- Roller, hinged and fixed
15	JASHANJOT SINGH	2018/189	Types of columns, Buckling load, crushing load, Slenderness ratio, Factors effecting strength of a column
16	KAPIL AHUJA	2018/193	Concept of torsion- difference between torque and torsion. Comparison between solid and hollow shaft with regard to their strength and weight.
17	KARANVIR SINGH	2018/194	Types of Springs and Functions performed by Spring
18	LOVEDEEP KAMBOJ	2018/195	Explanation of Stress-Strain curve for Brittle and Ductile materials
19	MANJEET S. MERCADO RAI	2018/197	Classification of load, stresses and strain

S No	Name of Candidate	Poly Roll	Semiar Topic
20	MANJOT SINGH	2018/198	Concept of Elasticity, Elastic limit and limit of proportionality, Hook's Law, Young Modulus of elasticity, Nominal stress, Yield point, plastic stage, Ultimate strength and breaking stress, Percentage elongation, Proof stress and working stress, Factor of safety, Shear modulus
21	MANVEER SINGH	2018/199	Resilience, proof resilience and modulus of resilience, Strain energy due to direct stresses, Stresses due to gradual, sudden and falling load.
22	MOHIT KUMAR	2018/200	Concept of moment of inertia and second moment of area, Radius of gyration, Theorm of perpendicular axis and parallel axis (without derivation)
23	MUKESH KUMAR	2018/201	Concept of beam and form of loading, Concept of end supports- Roller, hinged and fixed
24	NAMJOT SINGH	2018/203	Types of columns, Buckling load, crushing load, Slenderness ratio, Factors effecting strength of a column
25	NIKHIL SHARMA	2018/204	Concept of torsion- difference between torque and torsion. Comparison between solid and hollow shaft with regard to their strength and weight.
26	PANKAJ KUMAR	2018/206	Types of Springs and Functions performed by Spring
27	PRANAV DHAWAN	2018/207	Explanation of Stress-Strain curve for Brittle and Ductile materials
28	PUSHPINDER SHARMA	2018/208	Classification of load, stresses and strain
29	RAMNEET SINGH	2018/210	Concept of Elasticity, Elastic limit and limit of proportionality, Hook's Law, Young Modulus of elasticity, Nominal stress, Yield point, plastic stage, Ultimate strength and breaking stress, Percentage elongation, Proof stress and working stress, Factor of safety, Shear modulus
30	RANVIJAY SINGH	2018/211	Resilience, proof resilience and modulus of resilience, Strain energy due to direct stresses, Stresses due to gradual, sudden and falling load.
31	ROHIT SHARMA	2018/212	Concept of moment of inertia and second moment of area, Radius of gyration, Theorm of perpendicular axis and parallel axis (without derivation)
32	SAHIL SHARMA	2018/213	Concept of beam and form of loading, Concept of end supports- Roller, hinged and fixed
33	SAKSHAM SHARMA	2018/214	Types of columns, Buckling load, crushing load, Slenderness ratio, Factors effecting strength of a column
34	SHIV KUMAR SHARMA	2018/215	Concept of torsion- difference between torque and torsion. Comparison between solid and hollow shaft with regard to their strength and weight.
35	TARANVEER SINGH	2018/218	Types of Springs and Functions performed by Spring
36	TARUNJOT SINGH	2018/219	Explanation of Stress-Strain curve for Brittle and Ductile materials
37	VASUDEV GARG	2018/220	Classification of load, stresses and strain

S No	Name of Candidate	Poly Roll	Semiar Topic
38	VILLSHAR	2018/221	Concept of Elasticity, Elastic limit and limit of proportionality, Hook's Law, Young Modulus of elasticity, Nominal stress, Yield point, plastic stage, Ultimate strength and breaking stress, Percentage elongation, Proof stress and working stress, Factor of safety, Shear modulus
39	YASH	2018/222	Resilience, proof resilience and modulus of resilience, Strain energy due to direct stresses, Stresses due to gradual, sudden and falling load.
40	YOGESHWAR SINGH	2018/223	Concept of moment of inertia and second moment of area, Radius of gyration, Theorm of perpendicular axis and parallel axis (without derivation)
41	Saghanpreet Singh	2017/209	Concept of beam and form of loading, Concept of end supports- Roller, hinged and fixed
42	AJAYPAL SINGH	2019/221	Types of columns, Buckling load, crushing load, Slenderness ratio, Factors effecting strength of a column
43	AMIT KUMAR	2019/222	Concept of torsion- difference between torque and torsion. Comparison between solid and hollow shaft with regard to their strength and weight.
44	GURDIT SINGH	2019/223	Types of Springs and Functions performed by Spring
45	HARMAN SINGH	2019/224	Explanation of Stress-Strain curve for Brittle and Ductile materials
46	JASHANDEEP SINGH	2019/225	Classification of load, stresses and strain
47	KARANVEER SINGH	2019/226	Concept of Elasticity, Elastic limit and limit of proportionality, Hook's Law, Young Modulus of elasticity, Nominal stress, Yield point, plastic stage, Ultimate strength and breaking stress, Percentage elongation, Proof stress and working stress, Factor of safety, Shear modulus
48	KARANVIR SINGH	2019/227	Resilience, proof resilience and modulus of resilience, Strain energy due to direct stresses, Stresses due to gradual, sudden and falling load.
49	KULWINDER SINGH WASIR	2019/228	Concept of moment of inertia and second moment of area, Radius of gyration, Theorm of perpendicular axis and parallel axis (without derivation)
50	LAKHMAN KHAN	2019/229	Concept of beam and form of loading, Concept of end supports- Roller, hinged and fixed
51	MANISH	2019/230	Types of columns, Buckling load, crushing load, Slenderness ratio, Factors effecting strength of a column
52	MANISH KUMAR SHARMA	2019/231	Concept of torsion- difference between torque and torsion. Comparison between solid and hollow shaft with regard to their strength and weight.
53	MOHAMMAD SUFYAN	2019/232	Types of Springs and Functions performed by Spring
54	MURAD	2019/233	Explanation of Stress-Strain curve for Brittle and Ductile materials
55	PARVESH	2019/235	Classification of load, stresses and strain

S No	Name of Candidate	Poly Roll	Semiar Topic
56	RAHUL DUTT	2019/236	Concept of Elasticity, Elastic limit and limit of proportionality, Hook's Law, Young Modulus of elasticity, Nominal stress, Yield point, plastic stage, Ultimate strength and breaking stress, Percentage elongation, Proof stress and working stress, Factor of safety, Shear modulus
57	RAVI	2019/237	Resilience, proof resilience and modulus of resilience, Strain energy due to direct stresses, Stresses due to gradual, sudden and falling load.
58	SIMRANJEET SINGH	2019/238	Concept of moment of inertia and second moment of area, Radius of gyration, Theorm of perpendicular axis and parallel axis (without derivation)
59	SUMANT KUMAR	2019/239	Concept of beam and form of loading, Concept of end supports- Roller, hinged and fixed
60	VISHAL KUMAR	2019/240	Types of columns, Buckling load, crushing load, Slenderness ratio, Factors effecting strength of a column