

SHANTILAL SHAH ENGINEERING COLLEGE, BHAVNAGAR

APPLIED MECHANICS DEPARTMENT

B.E. - Production Engineering [ALA for Third Semester]

Name of Subject with Code: Mechanics of Solids (2130003)

#	Group No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
1	1	5001	170430125001	Beladiya Krunal Chhaganbhai	Principle of transmissibility, Principle of superposition, Law of gravitation, Law of parallelogram of forces.
2		5002	170430125002	Bera Kashyap Maheshbhai	
3		5003	170430125003	Bhalala Siddharthkumar Mukeshbhai	
4		5004	170430125004	Chauhan Mahendra Ghanshyambhai	
5		5005	170430125005	Dabhi Sanjaykumar Gordhanbhai	
6	2	5006	170430125006	Dhakecha Yashkumar Maheshbhai	Coplanar Forces, Concurrent Forces, Parallel Forces, Colinear Forces, Resultant Force, Equilibrant Force
7		5007	170430125007	Gohil Pravinsinh Narubhai	
8		5008	170430125009	Gondaliya Renish Jaytibhai	
9		5009	170430125010	Gondaliya Vishal Arvindbhai	
10		5010	170430125011	Gorasiya Rahul Mansukhbhai	
11	3	5011	170430125012	Guna Varun Bharatbhai	Explain Free body diagrams of System Law of triangle of forces, Law of polygon of forces
12		5012	170430125013	Jadav Jayeshbhai Chhaganbhai	
13		5013	170430125015	Jetani Mitul Dineshbhai	
14		5014	170430125016	Joshi Divyesh Anilkumar	
15		5015	170430125017	Joshi Vishnubhai Maheshbhai	
16	4	5016	170430125018	Kanani Dhaval Hasmukhbhai	Equilibrium conditions for coplanar concurrent forces, Lami's theorem.
17		5017	170430125020	Katheshiya Darshankumar Dineshkumar	
18		5018	170430125021	Kava Vishalbhai Gunvantbhai	
19		5019	170430125025	Mandanka Mitul Ashvinbhai	
20		5020	170430125027	Moradiya Hardikkumar Naranbhai	
21	5	5021	170430125028	Nakrani Harmishaben Jagdishbhai	Moments & couples, Characteristics of moment and couple, Equivalent couples, Force couple system,
22		5022	170430125029	Navadiya Vivekkumar Bhupatbhai	
23		5023	170430125030	Padaya Kalpesh Vinodbhai	
24		5024	170430125031	Padhiyar Pratik Navinbhai	
25		5025	170430125032	Parmar Jaykumar Dipakkumar	
26	6	5026	170430125033	Parmar Vishal Nanabhai	Varignon's theorem and its Application.
27		5027	170430125035	Purohit Rohit Samjibhai	
28		5028	170430125037	Rathod Rupesh Mineshbhai	
29		5029	170430125038	Rayajada Kripalsinh Jayendrasinh	
30		5030	170430125040	Sakariya Jasmin Hareshbhai	

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#	Group No.	Roll No.	Enrollment No.	Name of Student	Topic of PPT
31	7	5031	170430125042	Sarvaiya Aakash Rajeshbhai	Types of loads, Types of supports, Types of beams; Determination of support reactions,
32		5032	170430125044	Savani Fenil Dhanjibhai	
33		5033	170430125046	Shiroya Ashish Balubhai	
34		5034	170430125047	Shukla Maharshi Jatinbhai	
35		5035	170430125048	Solanki Jigar Ghanshyambhai	
36	8	5036	170430125049	Solanki Siddharth Hareshbhai	Relationship between loading, shear force & bending moment, Bending moment and shear force diagrams for beams subjected to concentrated loads
37		5037	170430125050	Sondagar Bhargavkumar Kishorbhai	
38		5038	170430125051	Surani Pareshbhai Hirabhai	
39		5039	170430125052	Tilava Brijeshkumar Sureshkumar	
40		5040	170430125053	Tripathi Abhilash Udaybhan	
41		5041	170430125054	Vaghasiya Jaydip Jentibhai	
42	9	5042	D2D	Chauhan Uttambhai Vijaykumar	Definition of friction, Types of Friction --> Static and Kinetic Friction, Cone of Friction, Angle of Repose,
43		5043	D2D	Chudasama Rajveersinh Bharatsinh	
44		5044	D2D	Rathod Bhavinkumar Dilipkumar	
45		5045	D2D	Makvana Vishalbhai Jitubhai	
46	10	5046	D2D	Rajyaguru Milan Gajendrabhai	Difference between Centroid and Center of Gravity, Pappus - Guldinus first and second theorems.
47		5047	D2D	Kava Bhargav Himmatbhai	
48		5048	D2D	Jani Sanketkumar Gopalbhai	

IMPORTANT INSTRUCTION:

* Students Group will have to submit Power Point Presentation (PPT) of their GROUP to Prof. B. H. Solanki

A - Division: Date of Submission 25/09/2018

* 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.

Prof. B. H. Solanki
(Ass. Prof., App. Mech. Deptt.)

Head of Department
(Applied Mechanics Department)