



Aggarwal College Ballabgarh

LESSON PLAN
18 WEEKS (JULY-NOV)-2024

Name of Faculty: Dr. K.L Kaushik

Designation/ Department: Associate Professor, Department of Mathematics

CLASS: B.Sc

SEMESTER: IIIrd

SECTION:A

SUBJECT: Statics

WEEK	DATE	TOPIC TO BE COVERED
1	1-08-2024	Preliminaries
	2-08-2024	Resultant and component of forces
	3-08-2024	Resultant and component of forces (contd.) & Examples
	4-08-2024	S. U. N. D. A. Y.
	5-08-2024	Resolution of Forces
	6-08-2024	Triangle of Forces
	7-08-2024	H.O.L.I. D. A. Y.
2	8-08-2024	Lami's Theorem
	9-08-2024	Examples
	10-08-2024	Resultant of any No. Of Forces
	11-08-2024	S. U. N. D. A. Y.
	12-08-2024	Equilibrium of Forces
	13-08-2024	Equilibrium of Forces (contd.)
	14-08-2024	Parallel Forces
3	15-08-2024	H.O.L.I. D. A. Y.
	16-08-2024	Parallel Forces (contd.)
	17-08-2024	Examples

	18-08-2024	S. U. N. D. A. Y.
	19-08-2024	H.O.L.I. D. A. Y.
	20-08-2024	Moment of Force about a point
	21-08-2024	Moment of Force about a point(contd.)
4	22-08-2024	Varignon's theorem
	23-08-2024	Examples
	24-08-2024	Centre Of Parallel Forces
	25-08-2024	S. U. N. D. A. Y.
	26-08-2024	HOLIDAY
	27-08-2024	Examples
	28-08-2024	Moment Of Couple
5	29-08-2024	Equilibrium of Couples
	30-08-2024	Examples
	31-08-2024	force and couple
	1-09-2024	S. U. N. D. A. Y.
	2-09-2024	force and couple
	3-09-2024	Equilibrium of Three Forces
	4-09-2024	Examples
6	5-09-2024	Equilibrium of any no. Of coplanar forces
	6-09-2024	Examples
	7-09-2024	Friction Introduction
	8-09-2024	S. U. N. D. A. Y.
	9-09-2024	Theorems on Friction

	10-09-2024	Examples
	11-09-2024	Problems on Equilibrium of Rods and Ladders
7	12-09-2024	Submission of assignment-1 Problems on Equilibrium of Rods and Ladders (contd.)
	13-09-2024	Centre of Gravity of a no. Of Particles
	14-09-2024	Centre of gravity of uniform Lamina
	15-09-2024	S. U. N. D. A. Y.
	16-09-2024	Centre of Gravity of a body by integration
	17-09-2024	Examples
	18-09-2024	Class Test
8	19-09-2024	Principles of Virtual work
	20-09-2024	Theorems on Virtual work
	21-09-2024	examples
	22-09-2024	S. U. N. D. A. Y.
	23-09-2024	H.O.L.I. D. A. Y.
	24-09-2024	Examples (contd.)
	25-09-2024	Examples (contd.)
9	26-09-2024	problems
	27-09-2024	Forces in Three Dimensions
	28-09-2024	Poinsot Central Axis
	29-09-2024	S. U. N. D. A. Y.
	30-09-2024	Equation Of Central axis
	1-10-2024	Theorems

	2-10-2024	HOLIDAY
10	3-10-2024	Wrenches
	4-10-2024	HOLIDAY
	5-10-2024	Wrenches contd.
	6-10-2024	S. U. N. D. A. Y.
	7-10-2024	Examples Wrenches
	8-10-2024	Examples Wrenches contd.
	9-10-2024	Examples Wrenches contd
11	10-10-2024	Assignment 2
	11-10-2024	Null Lines and Null Plane
	12-10-2024	HOLIDAY
	13-10-2024	S. U. N. D. A. Y.
	14-10-2024	Null Lines and Null Plane contd.
	15-10-2024	Null Lines and Null Plane examples
	16-10-2024	Examples contd.
12	17-10-2024	HOLIDAY
	18-10-2024	Examples contd.
	19-10-2024	Examples contd.
	20-10-2024	S. U. N. D. A. Y.
	21-10-2024	Stable , Unstable And Neutral Equilibrium
	22-10-2024	Stable , Unstable And Neutral Equilibrium (contd.)
	23-10-2024	Stable , Unstable And Neutral Equilibrium (contd.)
13	24-10-2024	Stable , Unstable And Neutral Equilibrium (contd.)
	25-10-2024	Examples

	26-10-2024	Examples contd.
	27-10-2024	S. U. N. D. A. Y.
	28-10-2024	DIWALI BREAK
	29-10-2024	DIWALI BREAK
	30-10-2024	DIWALI BREAK
14	31-10-2024	DIWALI BREAK
	1-11-2024	DIWALI BREAK
	2-11-2024	DIWALI BREAK
	3-11-2024	S. U. N. D. A. Y.
	4-11-2024	Problems and Discussions
	5-11-2024	Problems and Discussions
	6-11-2024	Test 2
15	7-11-2024	Important questions Discussion
	8-11-2024	Important questions Discussion contd.
	9-11-2024	Important questions Discussion contd.
	10-11-2024	ZONAL YOUTH FESTIVAL
	11-11-2024	ZONAL YOUTH FESTIVAL
	12-11-2024	ZONAL YOUTH FESTIVAL
	13-11-2024	Prev Year Question Paper Solution
16	14-11-2024	Prev Year Question Paper Solution
	15-11-2024	H.O.L.I.D.A.Y.
	16-11-2024	Prev Year Question Paper Solution
	17-11-2024	S. U. N. D. A. Y.
	18-11-2024	Prev Year Question Paper Solution

	19-11-2024	Prev Year Question Paper Solution
	20-11-2024	Prev Year Question Paper Solution
17	21-11-2024	Revision
	22-11-2024	Revision
	23-11-2024	Revision
	24-11-2024	S. U. N. D. A. Y.
	25-11-2024	Revision
	26-11-2024	Revision
	27-11-2024	Revision
18	28-11-2024	Revision
	29-11-2024	Revision
	30-11-2024	Revision
	1-12-2024	S. U. N. D. A. Y.
	2-12-2024	Revision
	3-12-2024	Revision
	4-12-2024	Revision
	5-12-2024	Revision

Signature