

Lesson Plan

Subject Mathematics (Code) TH-3 Name of faculty Kajal Priya Pant  
 Semester 1st Class allotted 7975 Branch Mechanical

Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1	25-10-22	Types of matrices. Algebra of Mat.		White board & Marker
	to	Determinant.		
	29-10-22	properties of Determinant. Inverse of a matrix problems.		
2	31-10-22	problems		White board & Marker
	to	problems		
	5-11-22	Cramer's rule, problems		
3	7-11-22	problems		White board & Marker
	to	problems		
	12-11-22	Matrix inverse method		
4	14-11-22	problems		
	to	problems		
	19-11-22	Trigonometrical ratios. Compound angles.		
5	21-11-22	Multiple & Submultiple angles		White board & Marker
	to	Inverse, Circular functions. properties.		
	26-11-22	problems		
6	28-11-22	problems		White board & Marker
	to	problems		
	3-12-22	problems		
7	5-12-22	problems		White board & Marker
	to	problems		
	10-12-22	Geometry in 2 dimensions distance formula		

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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aid
8	12-12-22	Division formula, problems	White board
	to	Area of triangle, problems Slope of a line.	& Marker
	15-12-22	Angle bet <sup>n</sup> 2 lines. problems	
9	19-12-22	Difference of slope of 2 lines. problems.	Whiteboard
	to	Eq <sup>n</sup> of parallel & <sup>to</sup> line Intersection of 2 lines	Marker
	24-12-22	Distance of a point from a line.	
10	02-01-23	problems, Introduction to circle.	White board
	to	Equation of circle	& Marker
	07-01-23	Centre radius form General eq <sup>n</sup> of circle.	
11	09-01-23	End points of diameter problems	White board
	to	problems.	& Marker
	13-01-23	Introduction of 3D. distance formula, problems	
12	16-01-23	section formula, problems	White board
	to	distance between 2 lines.	&
	21-01-23	Angle bet <sup>n</sup> 2 lines. problems	Marker
13	23-01-23	Eq <sup>n</sup> of plane, general form	White board
	to	Angle bet <sup>n</sup> 2 planes. parallel to plane.	& Marker
	28-01-23	perpendicular to a plane. problems	
14	30-01-23	problems	White board
	to	problems	& Marker
	04-02-23	problems. concept of sphere, Eq <sup>n</sup> of sphere.	
15	08-02-23	problems	White board
	to	centre radius form general form problems.	& Marker
	07-02-23	End points of diameter. problems	

  
12/09/22

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Kajal Priya Panigrahi  
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