

Mathematics

Lesson Plan

Serial No. 44 Class allotted 70/75 Name of faculty Kajal Priya Pant
 Branch Govt. S. & T. Technical School, Meta

Subject	Semester	From date:	To date:	Teaching Aid
Week	No. of days/ per week	Theory/ Practical - Topics/Lesson		
	Date/Period			
1	25-10-22	Types of matrices.		White board & Marker
	+0	Algebra of matrices.		
	29-10-22	Determinant. Properties of determinant problems.		
2	31-10-22	Inverse of a matrix problems		White board & Marker
	+0	problems		
	5-11-22	problems		
3	7-11-22	Cramer's rule		White board & Marker
	+0	problems		
	12-11-22	problems		
4	14-11-22	Matrix inverse method		White board & Marker
	+0	problems		
	19-11-22	problems		
5	21-11-22	Trigonometrical ratios		White board & Marker
	+0	Componend angles		
	26-11-22	Multiple angles. Submultiple angles. Inverse circular functions		
6	28-11-22	properties		White board & Marker
	+0	problems		
	3-12-22	problems		
7	5-12-2022	problems		White board & Marker
	+0	problems		
	10-12-2022	problems		
		Geometry in 2-D		
		Distance formula		

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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching
8	12-12-22	Division formula, problems	White board & Marker
	to	Area of triangle, problems	
	15-12-22	Slope of a line. Angle between 2 lines. problems	
9	19-12-22	Different forms of st. lines. Problems	White board & Marker
	to	Eqn of line & st line.	
	24-12-2022	Intersection of 2 lines Distance of a point from a line. problems	
10	02-01-23	problems	White board & Marker
	to	Introduction of circle. Eqn of Circle.	
	07-01-23	Center, radius, Gen. eqn of circle	
11	09-01-23	End points of diameter problems	White board & Marker
	to	problems	
	15-01-23	Introduction of 3D Distance formula, problems	
12	16-01-23	Section formula, problems	White board & Marker
	to	Direction cosine, & etc	
	21-01-23	Angle bet' 2 lines problems	
13	23-01-23	Eqn of plane,	White board & Marker
	to	Angle bet' 2 planes.	
	28-01-23	Parallel to plane. Perpendicular to a plane. problems	
14	30-01-23	problems	White board & Marker
	to	problems	
	04-02-23	problems Concept of sphere. Eqn of sphere.	
15	05-02-23	problems	White board & Marker
	to	Center - radius form. General form, problems	
	07-02-23	End points of diameter. problems	

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Rajal priya pani
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