

## LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
II	07-08-17	systems of forces - Introduction	1	B.B.		
III	08-08-17	Forces and Components Explained				
I	09-08-17	problems on forces				
II	11-08-17	Solving the problems				
IV	12-08-17	Solving the Problem				
II	14-08-17	Explanation of parallellogram law				
III	15-08-17	Explain different cases of parallellogram law				
I	16-08-17	Result of Coplanar concurrent forces and Component forces				
II	19-08-17	Solving the problems				
IV	19-08-17	Solving the problem				
II	21-08-17	vectorial notation				
III	22-08-17	moment of force				
I	23-08-17	Principle of moment				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology
		and couples		
II	25-08-17	Resultant of Planar force Systems		
IV	26-08-17	Solving the problem		
II	28-08-17	Solving the problem		
III	29-08-17	Solving the problem		
I	30-08-17	Solving the problem		
IV	02-09-17	Equilibrium of Planar Systems	8.	
		analytical method and graphical method		
II	04-09-17	Explanation of Analytical method		
III	05-09-17	Solving the problem		
I	06-09-17	Solving the problem		
II	08-09-17	Solving the problem		
IV	09-09-17	Solving the problem		
II	11-09-17	Explanation of graphical method		
III	12-09-17	Solving the problem by graphical method		
I	13-09-17	Solving the problem		

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Period	Date (tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
II	15-09-17	Solving the problem				
II	16-09-17	moment of force and its application				
II	18-09-17	Solving the problems				
II	19-09-17	Solving the problem				
I	20-09-17	exploration of Mangam's principle				
II	22-09-17	Solving the problem				
II	23-09-17	Solving the problem				
II	25-09-17	Friction Intro- duction - finding friction	3			
III	26-09-17	Types of friction and friction laws				
I	29-09-17	Application of friction - finding plane				
II	28-09-17	Solving the problem				
I	04-10-17	friction & screws				

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Period	Date (tentative)	Topic	Unit No.	Teach Method
		and nuts explained		
II	08-10-17	SCREWS, NUTS and problems		
II	09-10-17	Centroid and centre of gravity		
II	9-10-17	Centroid of area and lines		
III	10-10-17	Determination of centroid by integration		
I	11-10-17	Centroid of composite figures		
II	13-10-17	Theorem of Pappus		
II	14-10-17	Solving the problems		
II	16-10-17	Area moment of inertia - Polar moment of inertia	IV	
III	19-10-17	Radius of gyration		
I	19-10-17	Transfer theorem for moment of inertia		
II	20-10-17	moment of inertia for composite areas		
II	21-10-17	Product inertia - transfer formula		
		for product of		



Period	Date	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
I	23-10-17	Solving the problem.				
II	24-10-17	More moment of inertia, parallel & perpendicular.				
I	25-10-17	Radius of gyration.				
		Transfer formula for mass moment of inertia.				
II	27-10-17	Mass moment of inertia by composite.				
I	28-10-17	Solving the problem.				
II	30-10-17	Solving the problem.				
III	31-10-17	Solving the problem.				
I	01-11-17	Wine moments - Rectangular motion - composite linear motion	II.			
II	03-11-17	Rectangular motion				
		Composite of curvilinear motion				
I	04-11-17	Solving the problem				
II	06-11-17	Solving the problem				
III	07-11-17	Speed and acceleration				
		Composite of curvilinear motion				

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Period	Date	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
I	09-11-17	Integration of velocity.				
II	11-11-17	Solving the problem				
III	12-11-17	Solving the problem				
I	13-11-17	Angular motion - fixed axis motion				
II	14-11-17	Solving the problem				
III	15-11-17	Solving the problem				
I	16-11-17	Fixed axis motion				
II	17-11-17	Angular motion - fixed axis motion				
III	18-11-17	Solving the problem				
I	19-11-17	Integration of velocity				
II	20-11-17	Integration of velocity				
III	21-11-17	Integration of velocity				
I	22-11-17	Integration of velocity				
II	23-11-17	Solving the problem				
III	24-11-17	Solving the problem				
I	25-11-17	Integration of velocity				
II	26-11-17	Integration of velocity				
III	27-11-17	Integration of velocity				
I	28-11-17	Integration of velocity				
II	29-11-17	Solving the problem				
III	30-11-17	Solving the problem				
I	01-12-17	Solving the problem				
II	02-12-17	Solving the problem				