

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1 1	23-12-15	<u>Mechanisms</u> Elements or Links	Ist	CL		
2 2	23-12-15	Classification	"	"		
3 5	30-12-15	Types of Kinematic pair	"	"		
4 6	30-12-15	Constrained motion	"	"		
5 1	6-01-16	Introduction to Kinematic synthesis.	"	"		
6 2	6-01-16	<u>Machines</u> Mechanism and machines	"	"		
7 5	8-01-16	Classification of machines	"	"		
8 6	8-01-16	Kinematic chain Inversion of mechanism	"	"		
9 1	20-01-16	Single and double Slider crank chains	"	"		
10 2	20-01-16	<u>Straight line motion</u> <u>mechanism</u> Exact and approximate	II nd	"		
11 5	22-01-16	generated types, Peaucellier	"	"		
12 6	22-01-16	Hart and Scott Russel	"	"		
13 5	29-01-16	Grashopper and Watt chebicheff	"	"		
14 6	29-01-16	Robust mechanisms	"	"		
15 1	3-02-16	Straight line motion, Pantograph	"	"		
16 2	3-02-16	<u>Steering mechanism</u> Condition for correct steering	"	"		
17 5	5-02-16	Davis & Ackermann gear	"	"		
18 6	5-02-16	<u>Hooks Joint</u> Single and double joint	"	"		
19 1	10-02-16	Universal Couplings	"	"		
20 2	10-02-16	<u>Kinematics</u> Determination of velocity and acceleration diagrams	III rd	"		

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21 5	12-02-16	Application of relative velocity method for 4 bar mechanism	III rd	CL		
22 6	12-02-16	<u>Analysis of mechanisms</u> Acceleration diagram for given mechanism	"	"		
23 1	17-02-16	Determination of Coriolis component of acceleration	"	"		
24 2	17-02-16	<u>plane motion of Body</u> Instantaneous center of rotation	"	"		
25 5	19-02-16	Graphical determination of instantaneous center	"	"		
26 6	19-02-16	Diagram for the simple mechanism	"	"		
27 1	24-02-16	Determination of angular velocity of points & links	"	"		
28 2	24-02-16	<u>Cams</u> Introduction	IV th	"		
29 5	26-02-16	Max. & minimum acceleration for uniform velocity	"	"		
30 6	26-02-16	For uniform acceleration	"	"		
31 1	02-03-16	For simple harmonic motion	"	"		
32 2	02-03-16	<u>Analysis of motion of followers</u> Roller follower	"	"		
33 1	9-03-16	Circular cam with straight	"	"		
34 2	9-03-16	Concave and Convex flanks	"	"		
35 5	11-03-16	problems on cams	"	"		
36 6	11-03-16	<u>Gears</u> Introduction	V th	"		
37 1	16-03-16	Cycloidal and involute profiles	"	"		
38 2	16-03-16	methods of interference	"	"		
39 5	18-03-16	Expressions for arc of contact and path of contact	"	"		
40 6	18-03-16	Introduction to helical bevel and worm gearing	"	"		

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