

| Department of ME | |
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| B.Tech - II-Year | |
| CO | Subject Name -CO Statements |
| C211:Kinematics of Machinery | |
| CO# | # Student will be able to |
| C211.1 | Student will be able to Understand the principles of kinematic links, pairs and chains and their classification, inversions, equivalent chains and planar mechanisms. |
| C211.2 | Student will be able to Analyze the planar mechanisms for position, velocity and acceleration. |
| C211.3 | Student will be able to Understand and analyze steering gears mechanisms and Hooke's joint |
| C211.4 | Student will be able to Design cams and followers for specified motion profiles. |
| C211.5 | Student will be able to Evaluate gear tooth geometry and select appropriate gears for the required applications. |
| C211.6 | Student will be able to Design and analyze different gear trains for specific application. |