

ADVANCED MECHANICS OF MACHINERY

CO#	# Student will be able to
CO-1	Understand the kinematic analysis of rolling bodies based on graphical, geometrical and Analytical methods.
CO-2	Understand the principle of kinematic analysis and apply to evaluate and design a four bar mechanisms in different distinct positions
CO-3	Design of mechanisms by using graphically and analytically by involving function generator, rigid body guidance and path generation (Coupler curve) methods
CO-4	Design of mechanisms by using position synthesis involving graphical and analytical methods
CO-5	Synthesize and analyze Four-bar Mechanisms for specified instantaneous condition and prescribed extreme values of the angular velocity of driven link
CO-6	Understand the principle of Hrones's and Nelson's motion Atlas