

No.	Course No.	Course Title	Weekly hours		Credits	Pre-requisite	Learning Type
			Theoretical	Practical			
9	0704242	Dynamics	3	3	3	0704241	face-to-face
			Particle kinematics: curvature, relative motion, kinematics of rigid bodies, relative velocity and acceleration, rotating axes, particle kinetics: Newton's law, work and energy, thrust and momentum, collision of particles, planar kinematics of rigid bodies: transmission, rotation about a fixed axis, general motion. Planar kinetics of rigid bodies, general equations of motion, work, energy, thrust and momentum. Introduction to the science of vibrations.				