

SYLLABUS :-

Machine Tools and Machining: Machine Tool: Acceptance test of machine tool (radial drilling machine) System compliance of machine tool (center lathe) Machine setting and operation for helical gear teeth cuttingMachining: Resharpening of turning tool to specific geometry Measurement of cutting forces and surface finish in turning, drilling and milling Measurement of cutting temperature and tool life in turning Measurement of grinding forces and surface finish in grinding . Metrology: Inspection of straightness and flatness of surfaces Measurement of angles Measurement of external and internal taper Inspection of screw threads Inspection of gear teeth Measurement of roundness by Telerond Calibration of measuring instruments