

Department of ME	
B.Tech - III-Year	
CO	Subject Name -CO Statements
C303:Metrology and Machine Tools	
CO#	# Student will be able to
C303.1	Student will be able to Explain the mechanisms and Discuss its effects on cutting parameters, tool geometry on the metal cutting operation.
C303.2	Student will be able to Apply and estimate the fundamental relations, theories and forces, power requirements, tool life, economic cutting speed in metal cutting operation.
C303.3	Student will be able to Understand working and construction of lathe, shaper, planar, drilling, milling and grinding machines.
C303.4	Student will be able to Identify techniques to minimize the errors in measurement.
C303.5	Student will be able to Able to Identify methods and devices for measurement of length, angle, gear & thread parameters, surface roughness and geometric features of parts.
C303.6	Student will be able to Design the limit gauges, go-no go gauges, snap and ring gauges.