

Department of ME	
B.Tech - II-Year	
CO	Subject Name -CO Statements
C201: Probability and Statistics & Complex Variables	
CO#	# Student will be able to
C201.1	Student will be able to identify distribution in certain realistic situation. It is mainly useful for circuit as well as non-circuit branches of engineering.
C201.2	Student will be able to differentiate among many random variables involved in the probability models. It is quite useful for all branches of engineering.
C201.3	Student will be able to calculate mean and proportions (small and large sample) and to make important decisions from few samples which are taken out of unmanageably huge populations
C201.4	Student will be able to find the expected queue length, the ideal time, the traffic intensity and the waiting time.
C201.5	Student will be able to understand about the random process, Markov process and Markov chains which are essentially models of many time dependent processes such as signal in communications, time series analysis, queuing systems.
C201.6	Student will be able to find the limiting probabilities and the probabilities in nth state. It is quite useful for all branches of engineering