

Department of ME	
B.Tech - II-Year	
CO	Subject Name -CO Statements
C215: Basic Electrical and Electronics Engineering Lab	
CO#	# Student will be able to
C215.1	Student should be able to Analyze RLC circuits to obtain relationship between voltage and current and able to Calculate electric circuit problems by applying KCL and KVL.
C215.2	Student Should be able to predetermine performance of transformers using standard equivalent circuit models.
C215.3	Student should be able to Analyze performance of dc motors, three phase Alternators, induction motors
C215.4	Student will be able to Demonstrate the characteristics of PN junction diode, Zener diode.
C215.5	Student will be able to Design and compare various rectifier circuits with and without filter.
C215.6	Student will be able to Examine the input and output characteristics of BJT and FET in various configurations and compute the various performance parameters.