

Design analysis of Experiments (R15/R17/R19)	
CO#	# Student will be able to
CO 1	Demonstrate how to plan, design and conduct experiments efficiently and effectively.
CO 2	Understand the process of designing an experiment including factorial and factorial design.
CO 3	Investigate the logic of hypothesis testing, including analysis of variance and the detailed analysis of experiment data
CO 4	Introduce taguchi methods and compare and contrast them with more traditional techniques.
CO 5	Apply the techniques of regression & response surface methodology and compare with other techniques.
CO 6	Gain and understanding of how the analysis of experimental design data is carried out using the most common software packages.