



Aditi Consultancy Services

#2, 'ANANDA', 19th Cross, 24th Main, J P Nagar 5th Phase, Bangalore - 560 078
Phone: 080-26580711; Mobile: 9449612671; Email: aditiconsultancy@gmail.com

Design of Experiments (2 days)

Day	Topics
Day 1	Introduction to Design of Experiments
	The need and benefits of DOE
	DOE Requirements
	One-way ANOVA Example
	Two-way ANOVA with and without Replicates
	Two-Level Full Factorial Experiments
	Planning 2^k DOEs
	Design and Analysis of 2^k DOEs
	Exercises
Day 2	Fractional Factorial Experiments
	Empirical Model Building
	Response Surface Methodology
	Evolutionary Operations (EVOP)
	Robust Product and Process Design
	Taguchi Considerations
	Exercises
	Questions & Answers