

O.Plan No.	ICT- 67
Name of Course	Optimization Using MATLAB
Objectives	The course is aimed at making the participants aware about the different optimization techniques and the tools available for this purpose. The participants will be exposed to application of MATLAB in optimization. Although, the course will cover fundamental theoretical and algorithmic aspects of optimization, the emphasis will be on applied optimization using MATLAB and its applications in the context of engineering.
Course Contents	<ul style="list-style-type: none"> • Basic concepts and classification of optimization techniques • Objective functions and constraints • Mathematical Modeling • Nonlinear optimization • Multiobjective optimization • Solutions of optimization problems using MATLAB
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