

National Institute of Technical Teachers Training & Research, Chandigarh

Department of Mechanical Engineering
Short Term Course on
Optimization using MATLAB (ICT09)

July 17 – 21, 2017

Day/Date	Session I 10 AM – 11.15 AM	Session II 11.30 AM – 1.00 PM	Session III 2 PM – 4 PM	
Monday 17-07-2017	Inauguration	Introduction to Optimization Techniques (Dr. B. S. Pabla)	Linear Programming Problems: Formulation & Techniques (Mr. Deepam Goyal)	
Tuesday 18-07-2017	Simplex Method (Dr. K. C. Lachhwani)	Assignment Problems (Dr. K. C. Lachhwani)	Introduction to MATLAB (Dr. S. S. Dhami)	
Wednesday 19-07-2017	Multi-criteria Decision Making Problems (Dr. K. C. Lachhwani)		MATLAB Programming for Optimization (Dr. S. S. Dhami)	
Thursday 20-07-2017	Introduction to Optimization Toolbox (Expert)	Solving Linear Problems using MATLAB (Expert)	Solving Nonlinear Problems using MATLAB (Expert)	
Friday 21-07-2017	Engineering Optimization through Fuzzy & GA Approaches (Dr. K. C. Lachhwani)		Feedback	Valediction

Course Coordinator