

ICT based Short Term Course

on

“Modeling & Simulation using MATLAB”

(O. Plan No. ICT40)

Mechanical Engineering Department, NITTTR, Chandigarh

January 22 - 26, 2018

	9.45 AM To 11.15 AM	11.30 AM To 1.00 PM	1.00 PM To 2.00 PM	2.00 PM To 4.00 PM
Monday (22-01-18)	Inauguration & Introduction to MATLAB	Matrices - Creation and Manipulation; Operators	L U N C H	Advanced Data Objects
Tuesday (23-01-18)	MATLAB Programming - Script and Function Files	MATLAB Programming - Conditional Statements and Looping		Simulation using MATLAB
Wednesday (24-01-18)	2D & 3D Plotting	Introduction to Simulink		Simulation using MATLAB/Simulink
Thursday (25-01-18)	Mathematical Modeling of Physical Systems	Simulation of Mechanical Systems		Simulation of Electrical Systems
Friday (26-01-18)	Modeling & Simulation Case Studies	Feedback & Valediction (11.15 am to 11.30 am)		-----