

Fifth workshop on
“Application of MATLAB for Engineering Computations”
 February 06-08, 2015
 (Hands-on Experience Oriented Programming Skill Development Program)

Schedule of AMEC-V

Day 1	9:30-10:00	Registration
	10:00-10:10	Inauguration and Welcome Address
	10:10-11:10	Session 1.1: Introduction to MATLAB User Interface, Basic Operations
	11:10-11:30	Tea Break
	11:30-13:00	Session 1.2: Relational operators, Using MATLAB as Calculator
	13:00-14:30	Lunch Break
	14:30-15:30	Session 1.3: Handling Variables, Data Format, Expressions and Matrices,
	15:30-15:50	Tea Break
	15:50-17:20	Session 1.4: Programming Basics
	17:20-17:30	Question & Answer session
Day 2	10:00-10:10	Informal Discussion
	10:10-11:10	Session 2.1: Execution Control, Loops, Writing Functions
	11:10-11:30	Tea Break
	11:30-13:00	Session 2.2: 2D/3D Plotting Visualization Using MATLAB
	13:00-14:30	Lunch Break
	14:30-15:30	Session 2.4: Nesting Functions, Data Input/Output in Various Format
	15:30-15:50	Tea Break
	15:50-17:20	Session 2.3: Building Graphical User Interface (GUI) Basics
	17:20-17:30	Question & Answer session
Day 3	10:00-10:10	Informal Discussion
	10:10-11:10	Session 3.1: Modifying plots using property editor, Automating Plots
	11:10-11:30	Tea Break
	11:30-13:00	Session 3.2: Debugging and Trouble shooting programs, Reading writing text/excel files
	13:00-14:30	Lunch Break
	14:30-15:30	Session 3.3: Advance GUI options, Generating Executable Files and Stand-Alone Applications
	15:30-15:50	Tea Break
	15:50-17:20	Session 3.4: Polynomials, curve fitting and interpolations
	17:20-18:00	Valedictory and Certificate Distribution followed by High Tea