Two days workshop on
"Application of MATLAB for Engineering Computations"
April 20-21, 2013

(Hands-on Experience Oriented Programming Skill Development Program)

Tentative Schedule of AMEC

Day1	10:00-10:30	Registration, Inaugeration and Welcome Address
	10:30-12:20	Session-I: Introduction to MATLAB User Interface, Basic Operations, Handling Variables, Expressions and Matrices
	12:20-13:40	Lunch Break
	13:40-15:30	Session-II: Execution Control, Loops, Writing Functions, Nesting Functions, Data Input/Output in Various Format
	15:30-15:50	Tea Break
	15:50-17:40	Session-III: Plotting Visualization Using MATLAB, Development Tools and Programming Techniques, Debugging and Trouble shooting programs
	17:40-18:00	Question & Answer session
Day2	10:00-10:10	Informal Discussion
	10:10-12:00	Session-IV: Building Graphical User Interface (GUI), Generating Executable Files and Stand-Alone Applications, Introduction to Numerical Methods
	12:00-13:20	Lunch Break
	13:20-15:10	Session-V: Introduction to Simulink and Symbolic Math
	15:10-15:30	Tea Break
	15:30-17:20	Session-VI: Projects/Case studies Demonstration, Developing CAD Applications, Controling hardware using MATLAB, Animations/Simulations
	17:20-17:40	Validictory and Certficate Distribution