

**Second workshop on**  
**“Application of MATLAB for Engineering Computations”**  
**August 30-September 01, 2013**  
**(Hands-on Experience Oriented Programming Skill Development Program)**

**Schedule of AMEC-II**

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<b>Day 1</b>	9:30-10:00	Registration
	10:00-10:20	Inauguration and Welcome Address
	10:20-11:10	Session 1: Introduction to MATLAB User Interface, Basic Operations, Handling Variables, Expressions and Matrices
	11:10-11:30	Tea Break
	11:30-13:00	Session 2: Practice session based on session 1
	13:00-14:00	Lunch Break
	14:00-15:00	Session 3: Execution Control, Loops, Writing Functions, Nesting Functions, Data Input/Output in Various Format
	15:00-15:20	Tea Break
	15:20-16:50	Session 4: Programming exercises based on previous session
	16:50-17:00	Question & Answer session
	<b>Day 2</b>	10:00-10:10
10:10-11:10		Session 5: Plotting Visualization Using MATLAB, Development Tools and Programming Techniques, Debugging and Trouble shooting programs
11:10-11:30		Tea Break
11:30-13:00		Session 6: Practice session based on previous session
13:00-14:00		Lunch Break
14:00-15:00		Session 7: Building Graphical User Interface (GUI), Generating Executable Files and Stand-Alone Applications, Introduction to Numerical Methods
15:00-15:20		Tea Break
15:20-16:50		Session 8: Building GUI's by own and practice problems
16:50-17:00	Question & Answer session	
<b>Day 3</b>	10:00-10:10	Informal Discussion
	10:10-11:10	Session 9: Introduction to Simulink and Symbolic Math
	11:10-11:30	Tea Break
	11:30-13:00	Session 10: Practice session to create simulation using simulink
	13:00-14:00	Lunch Break
	14:00-15:00	Session 11: Projects/Case studies Demonstration, Developing CAD Applications and visualization, Controlling hardware using MATLAB, Generating text files
	15:00-15:20	Tea Break
	15:20-16:20	Session 12: Projects/Case studies Demonstration, Handling data in MS Excel, Automating multiple plots, Animations/Simulations
	16:20-16:30	Question & Answer session
16:30 onwards	Valedictory and Certificate Distribution	

**List of Participants**

S. No.	Name	Institute
1.	Jagriti Goswami	TCST Bhopal
2.	Sharda Patwa	SGI Jabalpur
3.	Sourabh Kumar Jain	YIT & MGML
4.	Nazia Khan	TCST Bhopal
5.	Sajal Kumar	HCET Jabalpur
6.	Anuradha Singh	MANIT Bhopal
7.	Dhananjay Singh Bisht	NIT Rourkela
8.	Dr.Varsha Karanjaokar	Govt. NPG College, Raipur
9.	Praveen Sharma	JEC, Jabalpur
10.	Sachindra P.Sheode	Acropolis Technical
11.	Amit Kumar Tripathi	GL Bajaj, Greater Noida
12.	Ekta Sharma	Truba college, Bhopal
13.	Adik Ramdayal Yadao	NIT Rourkela
14.	Abhijeet Ganguly	NIT Rourkela
15.	Anish Pandey	NIT Rourkela
16.	Somnath Saha	Bankura Unnayani Institute
17.	Subhajit Roy	Bankura Unnayani Institute
18.	Rohit Kumar Sahu	SRIT, Jabalpur
19.	Vimal Kumar Pathak	MNIT Jaipur
20.	Sagar Kumar	MNIT Jaipur
21.	Amaltas Khan	PDPM-IIITDM Jabalpur
22.	Swapnil Uttamrao Deokar	PDPM-IIITDM Jabalpur
23.	Siddhartha	PDPM-IIITDM Jabalpur
24.	Satwik Priyadarshi	PDPM-IIITDM Jabalpur
25.	Susheel Pandey	PDPM-IIITDM Jabalpur