

AMSE-2017

National Workshop

on

Application of MATLAB in Science & Engineering (AMSE-2017)

February 11-12, 2017



Department of Electronics & Communication Engineering, JUET, Guna organized a two day national workshop on “**Application of MATLAB in Science & Engineering**” during Feb. 11-12, 2017. MATLAB is considered one of the most important tools for all areas of engineering, applied sciences, and mathematics to perform various types of computations, visualizations and animations. Thus, the main objective of this workshop was to make beginners familiar with various MATLAB tools used in engineering and science field. Following topics were covered in the lecture and practical sessions of this workshop:-

- Arithmetic and logical operations
- Matrix operations
- Signal generation and operations
- Graphical representation
- Creation of user functions
- Solving linear/non-linear mathematical equations
- Differentiation and integration
- Transforms/Inverse transforms

- System modelling using blocksets
- Basic tools on image processing

This workshop was arranged in four lecture and practical sessions each and total of 53 participants attended the workshop which includes the UG/PG students, research scholars technical staff and faculty members of various departments of science and engineering.

Organizing Committee/Resource Persons

Program Chair: Prof B. K. Mohanty, Head, Department of ECE

Program Coordinator: Dr. Rahul Pachauri, Assistant Professor, Department of ECE

Committee Members: Dr. Manish Kumar Patidar, Assistant Professor, Department of ECE

Mr. Gaurav Saxena, Assistant Professor, Department of ECE

Mr. Sandeep Kumar Singh, Lab Engineer, Department of ECE