

# **NEW HORIZON COLLEGE OF ENGINEERING**

## **DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

### Report on Workshop on MATLAB

**Date:** 7.11.2015

**Time:** 10am-4pm

#### **Resource Persons:**

- 1.Mrs.Rajeswari S**, Asst.Professor, Dept. of ISE, NHCE
- 2.Mrs.Nitty Sarah Alex**, Asst.Professor, Dept. of ISE, NHCE
- 3.Mrs. A. Rafega beham**, Asst.Professor, Dept. of ISE, NHCE

We the Department of Information Science and Engineering conducted a workshop on MATLAB on 7<sup>th</sup> Nov 2015 for the 7<sup>th</sup> sem students of our department.

#### **Overview:**

The workshop mainly focuses on the basics of MATLAB and its applications in engineering fields. Using MATLAB, a student can analyse data, develop algorithms, and create models and applications. The language, tools and built-in math functions provide to explore multiple approaches and reach a solution faster than with spreadsheets or traditional programming languages. MATLAB can be used for a range of applications including signal processing and communications, image and video processing, control systems, test and measurement, computational finance, and computational biology.

#### **Content:**

- Introduction to MATLAB
- Basic commands in MATLAB
- Basic mathematics using MATLAB
- Control flow and operators
- Toolboxes in MATLAB
- Application-Classification

Students executed the example programs for hands on session after the theoretical session.

Workshop was concluded by thanking everyone for the given opportunity.