

# One day Workshop on MATLAB

Resource Person:- **M. Ravi Reddy**

Date: **03/01/2015**

(Technical Manger in Bluevega solutions Pvt.Ltd )

Convener: **Mr.SK.Abdul pasha,( Ph.D)**

HOD-EEE

## About MATLAB

**MATLAB** (**matrix laboratory**) is a multi-paradigm numerical computing environment and fourth-generation programming language. Developed by MathWorks, MATLAB allows matrix manipulations, plotting of functions and data, implementation of algorithms, creation of user interfaces, and interfacing with programs written in other languages, including C, C++, Java, Fortran and Python.



Although MATLAB is intended primarily for numerical computing, an optional toolbox uses the MuPAD symbolic engine, allowing access to symbolic computing capabilities. An additional package, Simulink, adds graphical multi-domain simulation and Model-Based Design for dynamic and embedded systems.

In 2004, MATLAB had around one million users across industry and academia. MATLAB users come from various backgrounds of engineering, science, and economics. MATLAB is widely used in academic and research institutions as well as industrial enterprises.

