

**SANDIP FOUNDATION'S  
SANDIP INSTITUTE OF ENGINEERING AND MANAGEMENT, NASHIK  
ACADEMIC YEAR 2015-16**

**Workshop  
VAP on MATLAB Simulation Software**



**Conducted By:–**

- 1) Prof. Sharmila M
- 2) Prof. Sagar Uttam Shinde

**Duration:-25 Hours**

**No of strength:– 28**

**Topics Covered:-**

Introduction to MATLAB  
The basic MATLAB interface  
Basic MATLAB commands

Conditional Operators  
Matrix : Creating and manipulation  
Character string functions  
Character string functions, Plotting graph  
Plotting graph  
Some application functions  
Basic about Simulink model  
Network Analysis  
Numerical Methods and Computer Programming  
Concepts of roots  
Solution of Transcendental and polynomial equation

