

## Registration Details

Registration Fees: ₹1500/-  
(Includes Lunch & Certificate)  
DD drawn in favour of **MIT Mysore**  
NEFT can be made to:  
Beneficiary:  
**MIT Mysore**  
SB Account Number:  
850 319 519 02  
Bank:  
**Kaveri Grameena Bank**  
Branch:  
**T.K. Layout Branch**  
**Mysuru**  
Last Date for Registering:  
**06/10/2016**  
Registration Limited to 30 Entries

## Venue

Gopalaswamy Institutions  
Lakshmi Puram  
Mysuru

# MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE



## A TWO DAYS WORKSHOP ON **STATISTICS** **&** **PROBABILITIES**

**15, 16 OCT 2016**



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## About the Workshop

The field of statistics is the science of learning from data. It offers essential insight in determining which data and conclusions are trustworthy. It has become an inevitable part of research studies of almost any kind.

When working in fields such as Science, Engineering or Medicine, trials are needed, and experimental data has to be collected and analyzed. The study of statistics enhances the critical thinking and enables researchers to look at a large set of data and condense it into meaningful information. This workshop aims to provide just that with hands on sessions in the afternoon so the researchers can learn and understand how to use the tools available freely.

## Objectives

The world today produces more data than ever before, and this is why we are celebrating statistics. In order to extract useful information out of data you must have statistical knowledge to trust your data and your results. The workshop is an attempt to leverage the data analyzing ability leading to draw reliable conclusions.

- ▶ To implement the science of learning from data
- ▶ To enhance the theory and methods of extracting information from observational data for solving real-world problems.
- ▶ To establish the science of potential uncertainty
- ▶ To demonstrate the art of telling a story with data.

## Schedule

### Day-1

Theory Session-1: Foundations of Probability, Limit

Theory Session-2: Basic Statistics

Practical Session: Foundations of Probability, Limit Theorems, Basic Statistics

### Day-2

Theory Session-1: Regression Analysis, Hypothesis Testing, Density Estimation

Practical Session: Regression Analysis, Hypothesis testing, Density estimation

Session2:  
Noise filtering and Application of probability theory in signal processing.

## Resource Persons

### Ms. Bhavya H.

Content Developer for Statistics, Evelyn Systems Pvt. Ltd., Mysuru

### Mr. Yashwanth M.R.

Sr. Analyst(Data-Science), Lowe's Service India Pvt. Ltd., Bengaluru

### Dr. P. S. Hiremath

Professor in Dept. of Computer Science (MCA), KLE Technological University, BVBCET, Hubballi