

## Tentative Schedule

- Data Preprocessing Techniques
- Dimensionality Reduction Techniques
- Association Rule Mining & Algorithms
- Different Types of Itemsets - Algorithms
- Data Classification - Techniques, Algorithms
- Data Clustering - Techniques, Algorithms
- Introduction to Machine Learning
- Text Processing Techniques
- Introduction to Deep Learning
- Perspectives of Data Mining
- Neural Networks
- Hadoop & Storage for Analytics
- ML Applications Overview

Practice sessions shall be conducted to test drive the above techniques in platforms such as R / Python, etc..

## Registration

Registration fees are as follows:

Faculty / Industry Reps - Rs 2,000

Res. Scholars /PG & UG Students- Rs 1500

Participants shall be provided with working class breakfast and lunch and accommodation on need basis.

Visit workshop website for registration & online payment procedures

## About the Workshop (DAMI-18)

The workshop is focused in the areas of Machine Learning and Data Analytics. In this age of intelligent computing and smart solutions, machine learning and data analytics have percolated across domains. This 5 day workshop is planned to cover the fundamentals in Machine Learning and Data Analytics. A detailed listing of the various topics planned is given in the tab below. The workshop shall draw expertise from the institute faculty and neighboring institutes of excellence such as IITs, Anna University and industry resource persons as part of its content delivery team. Given the practical relevance of the area(s), it is also planned to have practice sessions that help the participants in realizing the various techniques put across in the machine learning & data analytics. The workshop targets faculty, research scholars and PG students who work in the areas of machine learning, data mining, big data analytics, etc

### Organizing Team

Patron - Prof Banshidhar Majhi

Director, IIITDM Kancheepuram

### Coordinators

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**IIITDM**  
KANCHEEPURAM



# CSE @ IIITDM Kancheepuram

organizes a 5 day Workshop on

**Data analytics & Machine Learning**

June 18-22, 2018

IIITDM Kancheepuram, a centrally funded institute offers UG and PG programs in computer, electronics and mechanical engineering with the mandate of excelling in IT and IT enabled Design & Manufacturing pedagogy and research. B.Tech, M.Tech, Dual Degree courses specializing in VLSI, Systems Design, etc. and Ph.D programmes in core areas of engineering are offered by us. Curricula for these programmes augment engineering domain with relevant design & manufacturing skills. More details at [www.iiitdm.ac.in](http://www.iiitdm.ac.in)

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