

Faculty Development Program on Latest Trends & research in Machine Learning on December 12-17, 2016 at BVIMR Campus at New Delhi.

Over the past two decades Machine Learning has become one of the mainstays of information Technology and with that, a rather central, albeit usually hidden, part of our life. With the ever Increasing amounts of data becoming available there is good reason to believe that smart data Analysis will become even more pervasive as a necessary ingredient for technological progress. The knowledge of Matlab software operation would enrich the academician skill which can be Used in class room teaching and academic research supervision, writing Ph.D. and M.Phil. Dissertations. Academicians would be able to apply the tool for solving the research problem.

Resurging interest in machine learning is due to the same factors that have made data mining and Bayesian analysis more popular than ever. Things like growing volumes and varieties of available data, computational processing that is cheaper and more powerful, and affordable data storage. All of these things mean it's possible to quickly and automatically produce models that can analyze bigger, more complex data and deliver faster, more accurate results – even on a very large scale. And by building precise models, an organization has a better chance of identifying profitable opportunities – or avoiding unknown risks.

FDP OBJECTIVES

The objectives of the FDP Programme are as under:-

The FDP aims at providing research stimulus to keen learners comprising scholars, Academicians and practitioners.

- ✓ To understand basic concepts of soft computing.
- ✓ To understand the concepts of Neural Network.
- ✓ To provide training through hands on sessions on Matlab
- ✓ To understand the concept of Machine Learning & Deep Learning.

Bharati Vidyapeeth University Institute of Management & Research (BVIMR) organized a **Faculty Development Program on Latest Trends & research in Machine Learning on December 12-17, 2016** at BVIMR Campus at New Delhi.

This FDP focused on helping participants teach effectively using Matlab . The technical aspect of financial econometrics is very important in the real life situation since it deals with complex problems and large numbers of data set. The available econometrics tools sometimes do not utilize properly, particularly due to lack of knowledge and understanding of the technique. **The duration of the FDP was for Five days (one week).**

The resource persons for the FDP were Dr. R.K Agrawal, Professor, JNU Delhi and Dr. Manu Pratap Singh , Professor at B.R Ambedkar Agra University , Agra

The FDP enabled the participants to appreciate the complexities involved in the Machine Learning, especially in the area like Neural Network. It included Soft computing, pattern recognition ,Feed forward network, Perceptron Model, Feature Extraction, perceptron Model ,Feature Extraction, Image processing, Back propogation,Deep Learning, Principal Component Analysis, Regression etc



Glimpses



Dr. Manu Pratap Singh(Prof B.R Ambedkar University,Agra) being felicitated by Dr. Vikas Nath(Director BVIMR, New Delhi)



Group photo of the participants of the FDP



Group photo of the participants of the FDP