



**Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)**

Report of the Event

Title of the Event: Workshop on “Introduction to Machine Learning”

Organized Date: 16th December 2017 to 17th December 2017

Summary Report:

As the name suggests, this is an introductory course for Machine Learning. In this course, you will understand the theoretical as well as practical aspects behind the choice and design of a machine learning framework. The course introduces both supervised and unsupervised machine learning framework, and also covers some architectures widely applied in deep learning. The course also covers some of the best practices in machine learning (e.g., bias-variance, generalization, cross-validation).

Participants pursuing this course should be able to:

1. Identify real world situations where Machine Learning Techniques are suitable / more efficient than other approaches.
2. Formulate the real life problem as an appropriate machine learning problem.
3. Understand the inner workings of existing machine learning techniques.
4. Understand the principles behind designing new machine learning techniques.

Course Teaching Faculty

Prof. Sourangshu Bhattacharya, Department of Computer Science and Engineering, IIT Kharagpur

email: sourangshu@cse.iitkgp.ernet.in

Prof. Pawan Goyal, Department of Computer Science and Engineering, IIT Kharagpur,

email: pawang@cse.iitkgp.ernet.in