

Report

Maharaja Surajmal Institute of Technology

Department of Electronics and Communication Engineering

Name of Event: 1-Day Workshop on “Machine Learning”

Title: Machine Learning

Date of event: 3rd February, 2020

Faculty Coordinators: 1. Dr. Archana Balyan, Professor , ECE and Dr. Sudesh Pahal, Assoc. Prof., ECE

Resource Person: 1. Mr. Rahul Pathak, CETPA Infotech Pvt Ltd., Noida

The one day workshop was conducted for the students of 2nd year, ECE, in two sessions: (i) 10am to 2:00pm and (ii) 12:30pm to 2:00pm. The invited speaker from CETPA Infotech Pvt Ltd., Noida delivered lecture and gave knowledge about training and internship opportunities in the domain of machine learning.

Mr. Rahul Pathak , an expert in Data Analytics , Machine learning and Artificial Intelligence at CETPA having rich experience in this area, delivered a talk on basic concept of Machine learning in the first session. He gave a detailed introduction to machine learning and discussed its impact in our day- to-day life. He also introduced related keywords such as ANN, AI, Data Science, Data Analytics and computer vision to the students.

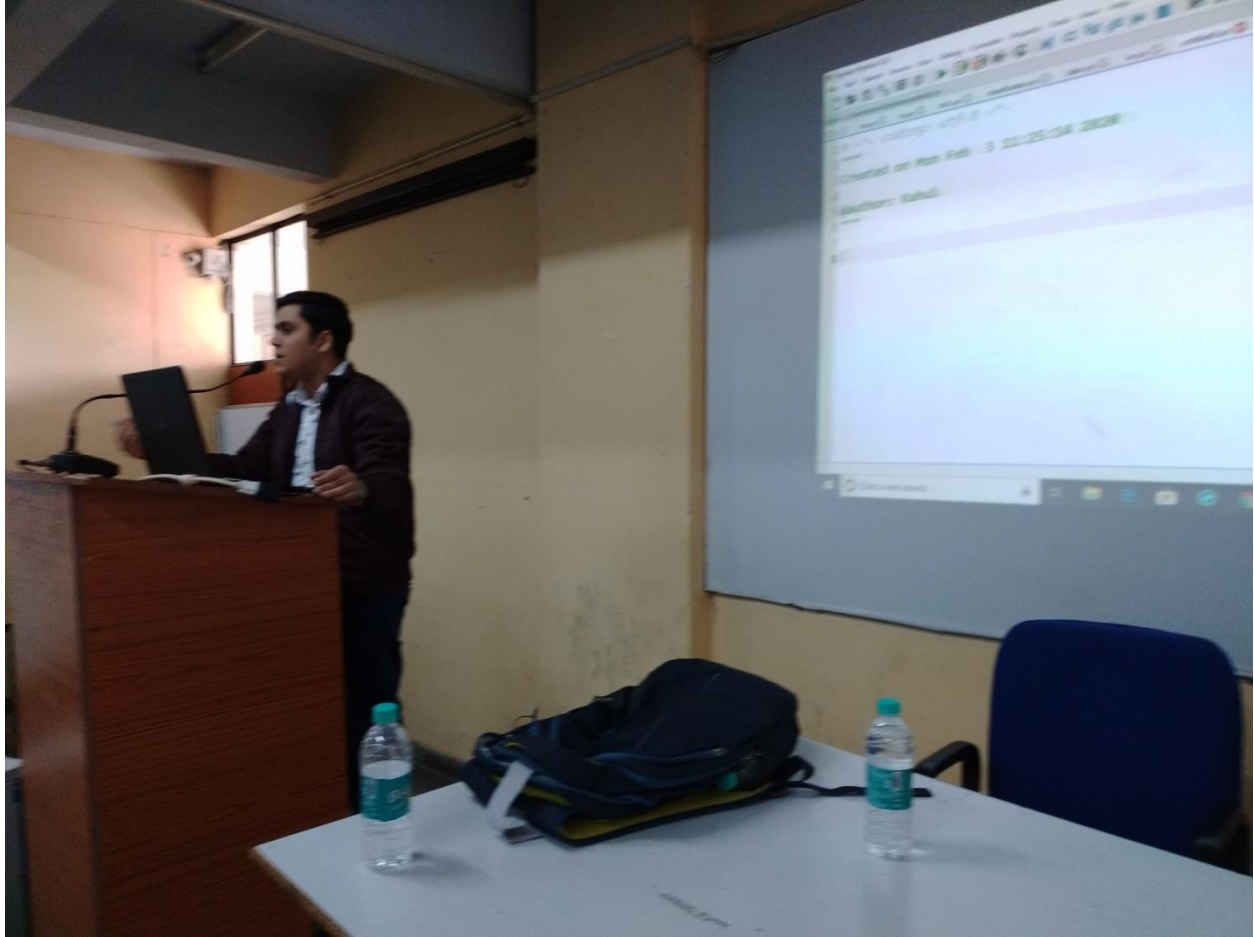


During the second session, the speaker, Mr. Rahul Pathak discussed the following topics.

- An end to end approach for building complex machine learning enabled smart products.
- A live case study using the python libraries on the data available from world bank site.
- A live case study about the recommendation systems used by netflix, youtube etc.
- A brief introduction to the major machine learning algorithms and the specific problems they address.
- Introduction to natural language processing.
- Understanding the logic that drives the creation of chat bots.



The sessions held in the workshop were highly interactive and the participating faculty and students of the institute were greatly benefitted by the knowledge shared by the speaker.



We are thankful to the Management, SMES and Prof. (Dr.) K.P. Chaudhary, Director, MSIT for their kind support and encouragement to organize the event. The event was highly appreciated by the participants.