



BVM Alumni Association



Machine Learning and its tools

Organized By,

Information Technology Department

Birla VishvakarmaMahavidhyalaya

VV Nagar

Coordinators,
Vatsal Shah, Bijal Dalwadi
Assistant Professor,
IT Department,
BVM Engineering College

Details about Workshop

Subject	: <i>Machine Learning and its tools</i>
How it will be useful to student	: <i>Machine learning is an application of artificial intelligence that provides systems the ability to automatically learn. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves. Machine learning algorithms are categorized as supervised or unsupervised. Supervised machine learning algorithms can apply what has been learned in the past to new data using labeled examples to predict future events. In contrast, unsupervised machine learning algorithms are used when the information used to train is neither classified nor labeled</i>
What skill will be developed	: <i>Programmin Skill will be developed. They will apply algorithm on past and new data to predicts future events.</i>
Branch	: <i>Information Technology</i>
Year	: <i>3rd Year</i>
Date	: <i>3rd February 2018</i>
Time	: <i>10:00 am to 1:00 pm</i>
Venue	: <i>B304, B-Block BVM Engineering College</i>
Entries	: <i>24</i>
Faculty Convener	: <i>Prof. Vatsal Shah & Prof. Bijal Dalwadi</i>
Student Coordinator	: <i>Mr. Megarth</i>
Expert	: <i>Dr. Amit Thakkar</i> <i>Associate Professor</i> <i>IT Dept, Charusat</i>

Coverage of Workshop

On date 3rd February, 2018 IT department of BVM organized one day workshop on "Machine Learning and its tools". Workshop was conducted by expert Dr. Amit Thakkar, Associate Professor at Information Technology Department, Charusat College. Around 24 students from 3rd level IT branch took part in this workshop. Main focus of the workshop was to do hands on practical with Machine learning tools. There is a wide range of open source machine learning frameworks available like orange tool, Apache Singa, Amazon Machine Learning (AML) etc. in the markets, which enable machine learning engineers to build, implement and maintain machine learning systems, generate new projects and create new impactful machine learning systems. Machine learning explores the area of algorithms, which can make high end predictions on data. In recent times, machine learning has been deployed in a wide range of computing tasks, where designing efficient algorithms and programs becomes rather difficult, such as email spam filtering, optical character recognition, search engine improvement, digital image processing, data mining, etc.

Overall student learnt the basics of working with various machine learning framework. Feedback students was collected and it suggested that they welcomed this initiative and they are motivated to explore more dimension in this platform also they are willing to use this tools in their projects in future.

Workshop Glimpses

