Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.
Tel.: 777 000 2544 • Website : www.viva-technology.org
E-mail: contact@viva-technology.org / principalvit@vivacollege.org

Computer Engineering Department

Topic Name:	**STTP on Machine Learning and Deep Learning.**
Name of the Guest Speaker:	**Details are given below.**
Designation:	**Details are given below.**
Organization/Institution:	**Details are given below.**
Date:	**7th May 2018 to 11th May 2018**
Time:	**03:00 PM to 04:30 PM**

Programme Summary/Details: The objectives of the AICTE- ISTE Approved STTP were

- **To familiarize with the basic concepts of ML and DL.**
- **To help the participants in implementation of algorithms of ML and DL**
- **To help the participants in working with various tools required for ML and DL**
- **To get an idea for further research in ML and DL**

The AICTE-ISTE approved STTP was conducted from 07th May, to 11th May, 2018 in , Computer Engineering Department, VIVA Institute of Technology. The inauguration was attended by Principal Dr. B. K. Mohan, Dr. Sanjay Shitole , Dr. Arun Kumar, and all otherparticipants.

Details of all the resource person is as given below.

Sr. No.	Name	Designation	Organisation
1	Dr. B K Mohan	Professor	IIT Bombay
2.	Dr. Sanjay S. Shitole	Head of the Department and Associate Professor in Department of Information Technology	Usha Mittal Institute of Technology for Women, S.N.D.T. Women's University, Mumbai.
3.	Mr.Santoh Chapaneri	Assistant Professor	St. Francis Institute of Technology
4.	Mr. Divesh Kubal	Senior Machine Learning & Deep Learning Engineer.	eClerx Services
5.	Mr.Santoh Panigrahi	Artificial Intelligence Analyst	GrayMatrix Solutions

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Detailed contents which were covered in the STTP are mentioned below.

Sr. No.	Date	Topics Covered
1	07th May 2018	Basics of Machine Learning and Deep Learning, Introduction to ANN and CNN.
2	08th May 2018	Introduction to Python using Jupyter Notebook, Machine Learning Algorithms, Data Analytics,
3	09th May 2018	Deep learning: concepts and its applications , Word embedding in NLP, Prediction with CNN.
4	10th May 2018	Parameter Tuning, Introduction to R(Data frame, Importing and Exporting Data, Data manipulation.
5	11th May 2018	Revision of the learned contents, Training evaluation test & Validatory function.

All the speakers were well received by the attendees. The attendees gave very good feedback forto all the speakers. A total of 23 participants participated in the One week AICTE-ISTE approved training programme..