



A Brief Report
on
ISTE approved National level short term training program
on
“Machine learning for Big Data Analytics”
21-26 November 2016

Department of Computer Engineering organized an ISTE approved National level short term training program on “Machine learning for Big Data Analytics” during 21 - 26 October, 2016.

STTP was organized with the aim to focus on cutting edge technology for big data analytics and to make the participants familiar about on-going research and development in the area of Big data. It mainly covered Machine learning algorithms and tools used in industry for data analytics.

STTP was inaugurated by Dr. Vipul Desai, Management Advisor, Charutar Vidya Mandal, Dr. Himanshu Soni, Principal, GCET, Dr. Maulika S. Patel, Head, Computer Engineering Department, GCET, Prof. Hetal Gaudani, Prof. Brijesh Patel and Prof. Rajesh Ahir, co-ordinators.

Experts from various reputed institutes like IIT Gandhinagar, Nirma university, Dharamshinh desai university, Ahmedabad university, Charusat university, ADIT, MBICT, GCET, SBS and industries like Collabera, system level solution were invited for expert talk in the area of Machine learning and Big data. During this program experts shared their knowledge on Dimensionality reduction (Dr. Ranik Gandhi), Probability and linear algebra (Prof. Rajesh sanghvi), Hadoop (Prof. Hetal Gaudani), Optimization Techniques (Dr. Nithin George), Data intensive computation: A map reduce programming (Dr. Vibha Patel), Support vector machine and kernel methods (Dr. Priyank Thakkar), Decision trees and Random forest (Dr. Amit Ganatra), Spark framework (Prof. Jayprakash Verma), Nebuale IoT in Smart cities (Mr. Apurv Brahmhatt and Mr. Raj Ardeshna), Time series forecasting (Dr. Shefali Singhal), Reinforcement learning (Dr. Narendara Chauhan), Linear and logistic regression (Dr. Brijesh

Bhatt) , Apache Hive (Mr. Raj Patel), Confirmatory and Exploratory factor analysis (Dr. Vipul Patel).

Forty one academicians and two industry persons had participated in this program. Faculty members from various technical institutes of Gujarat like BBIT(13), BVM(3), ADIT(3), GCET(11), SVIT(3), MBICT(3), FETR(2), SIE and from industry, SLS(2) attended this STTP. The interaction and discussion during lectures and laboratory sessions showed the interest and enthusiasm of the participants. Moreover, the participants also discussed doubts related to their research work during the program.

Program Coordinators

Prof. Hetal V. Gaudani, Prof. Brijesh P. Patel and Prof. Rajesh K. Ahir



Inauguration ceremony



Dr. Vipul Desai, chief guest of the function



Dr. Himanshu soni, Principal, GCET, addressing the audience



Dr. Maulika S. Patel, Head, Computer department, addressing the gathering



Prof. Hetal Gaudani (co-ordinator), inaugural speech



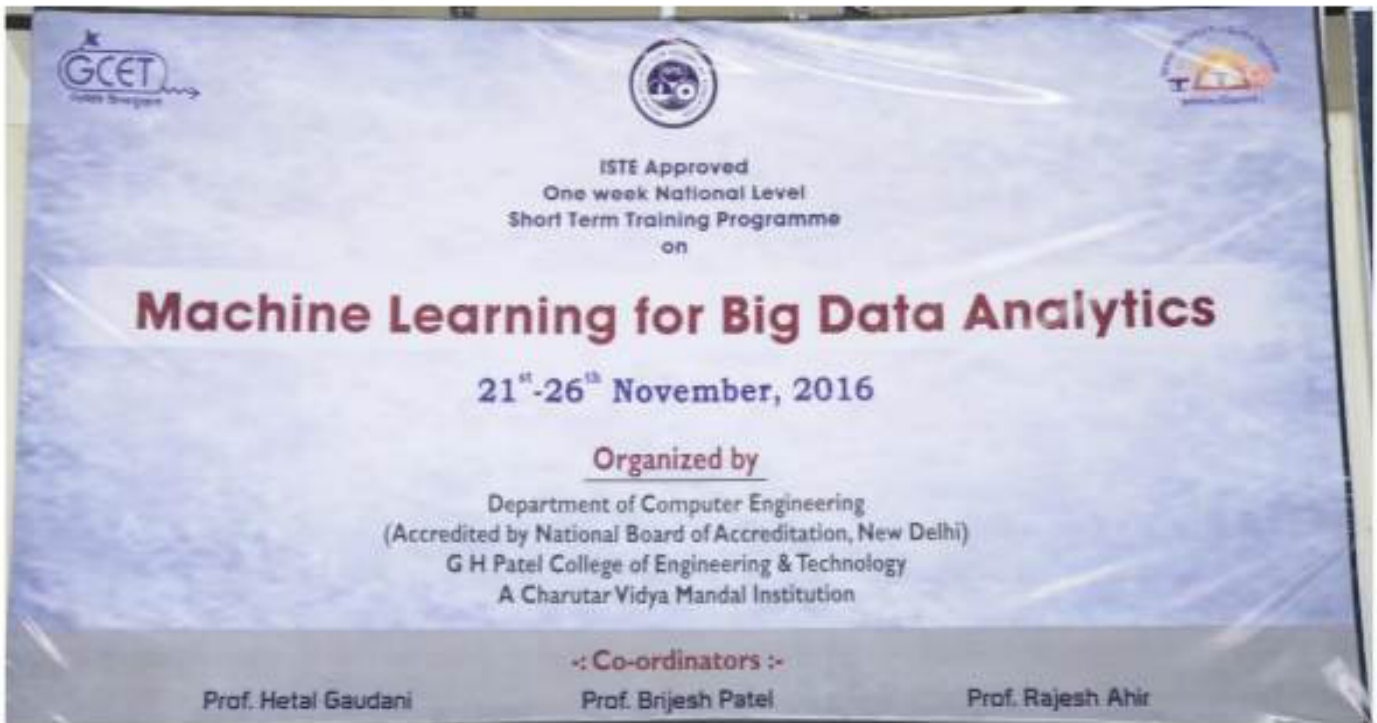
Prof. Brijesh Patel (co-ordinator), Introducing program



Participants



Participants





**Experts from system level solution:
Mr. Urmik, Mr, Apurv, Mr Raj**



Dr. Shefali Singhal



Dr. Vipul Patel



Mr. Raj Patel, Collabera

