2-Weeks Faculty Development Program on

BIG DATA ANALYTICS USING MACHINE LEARNING TECHNIQUES

(December 09-20, 2019)

Organised by

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

&

DEPARTMENT OF COMPUTER APPLICATIONS

Shaheed Bhagat Singh State Technical Campus

Moga Road (NH-05), Ferozepur (Punjab)

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ADDRESS FOR CORRESPONDENCE
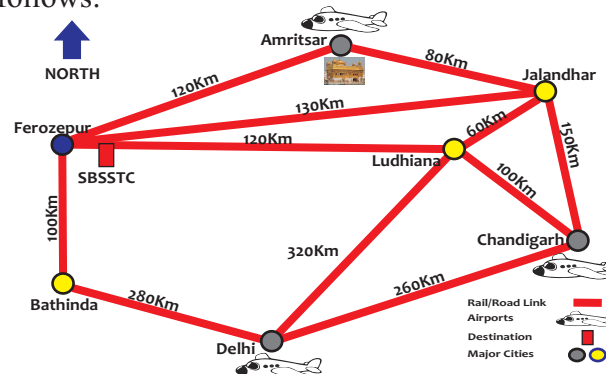
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HOW TO REACH

Ferozepur is the district head quarter of Ferozepur District and is well connected to all the other district headquarters by bus and trains as shown follows:

ABOUT SBSSTC

SBSSTC (Formerly SBSCET) was established by *Government of Punjab* in 1995 as a tribute to the great sacrifice of *Shaheed Bhagat Singh*. College is situated at 4km milestone from Ferozepur Cantt Bus Stand on NH-05 (Ferozepur-Ludhiana) and is just 14km from INDO-PAK international border. The lush green campus, having state-of-the-art infrastructure is spread over an area of about 100 acres. Presently, it has following academic units with total annual intake of around 1500 students:

RESEARCH - DOCTORATE (Ph.D.)

Engineering, Sciences, Maths, Computer Applications, Management

ENGINEERING

B.Tech. - CSE, ECE, ME, CHE, CE, EE, Architecture

M.Tech. - CSE, EE, ECE, ME

COMPUTER APPLICATIONS

BCA, MCA, PGDCA

POLYTECHNIC

Diploma - CSE, ECE, EE, ME

AGRICULTURE

B. Sc. Honors

SCHOOL

10+1, 10+2 (Non Medical)

OBJECTIVES AND SCOPE

There are a plethora of findings and developments in the area of machine learning and big data that have taken place during the past few years. Through this FDP, the most eminent machine learning techniques will be presented to the participants actively involved in research or likely to delve in research activities. This endeavor ultimately will enable all the participants to use these efficient techniques in their respective areas.

It is indeed a herculean task to present the entire gamut of machine learning and big data. Therefore, putting emphasis on Learning the Basic Design, the course has been tailored to meet the following objectives:

- To introduce fundamental concepts of machine learning and their applications
- To develop skills using machine learning software for solving practical problems
- To learn methodology for exploring and analyzing big data using machine learning techniques
- To learn basics of big data concepts, Data preparation – preprocessing, merging, managing missing numbers sampling & visualization
- To familiarize tool for big data analysis
- To familiarize how machine learning thrives on large data sets
- To learn tools and algorithms for creating machine learning models for big data problems.

IMPORTANT POINTS

- **Participants from Engineering / MBA / MCA / BCA Institutes / Industry professionals / Research Scholars can apply by downloading application form from institute website www.sbsstc.ac.in**

- **Registration Fee of Rs. 1000/- to be paid in the form of DD/Cheque in favor of "Director, SBSSTC, Ferozepur" payable at Ferozepur.**

- **Application Form duly signed by the Head of the Institute/Department along with DD/Cheque should reach at SBSSTC, Ferozepur before 02.12.2019**

- **An advance scanned copy of duly signed application and DD can be sent to fdp.bdml2019@sbsstc.ac.in**

- **Seats are limited and participants will be registered & confirmed on first-come first-serve basis.**

- **3-Tier AC train/ordinary Bus fare will be paid to outside participants on production of original tickets. Free boarding and lodging will be provided in College Hostels as per availability.**

Shaheed Bhagat Singh State Technical Campus, Ferozepur

(Established by Govt. of Punjab in 1995)

Department of Computer Science and Engineering

&

Department of Computer Applications

AICTESponsored2-Weeks Faculty Development Program (FDP)on

Big Data Analytics using Machine Learning Techniques

(December 09-20, 2019)

REGISTRATION FORM

Name (in BLOCK Letters)	:	

Paste recent self-attested photograph

Gender :

Designation :

Name of Department :

Name of Organization :

Address for Communication :

Email-id :

Mobile Number :

Qualification :

Teaching Experience :

Research Experience :

Accommodation Required : Yes / No

I am enclosing a DD / Cheque (at par) number…………………..Dated: …………………of amount Rs. 1000/- in the favor of "Director SBSSTC, Ferozepur" payable at Ferozepur as Registration fee.I agree to abide by the rules of the FDP. If selected, I shall participate in theprogramme for the entireduration.

Place: **Applicant's Signature**

Dated:

The application of the above candidate is recommended and forwarded. If selected, he/she will berelieved to attend the coursein full.

Signature of Sponsoring Authority

(Director/Principal)