

DEPARTMENT OF
COMPUTER ENGINEERING
AND INFORMATION TECHNOLOGY
ORGANIZES

ONE WEEK
ISTE APPROVED



SHORT TERM TRAINING PROGRAM
ON

"Insights of Data Science
and Machine Learning with
its Applications"

REGISTRATION DETAILS

1. Registration will be done on first come first serve basis, 40 seats are available.

Registration form link: <https://forms.gle/iCiH2q5yZyEEt5vC7>

2. Last date of registration is Thursday, 30th June, 2022.

3. Registration Charges are as follows:

ISTE Member: RS. 1200/-

Others: Rs. 1500/-

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Mobile no. 8087626518

4. Mode of participation for PHCET faculty: Offline | Others: Online



Mahatma Education Society's
Pillai HOC College of Engineering and
Technology, Rasayani

Accredited with an 'A' grade by NAAC in the First Cycle 2019
Reaccredited by NBA for Computer and Mechanical Engineering 2020
Winner of the First Position for Workplace Safety Awards 2019

Winner of Indian Merchant Chamber's Ramakrishna Bajaj National Quality Performance Excellence Trophy - 2019

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MAHATMA EDUCATION SOCIETY

Mahatma Education Society was established in the year 1970 by a group of teachers with the aim of spreading education for all. The society today has 48 institutions from pre-primary to post graduation to research with over 35,000 students and over 2,500 teachers. The society manages several schools imparting instruction in S.S.C., C.B.S.E., I.G.C.S.E. and I.B. programs, Junior Colleges, Degree Colleges, Engineering Colleges, Management Institutions, Polytechnics and Teacher education programs at different locations in Mumbai, Navi Mumbai and Rasayani (Raigad District). Most of the colleges are reaccredited 'A' Grade by NAAC and also accredited by NBA and other Government bodies.

PHCET

Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani was established in 2009 and is affiliated to University of Mumbai and recognized by AICTE & DTE. In less than 9 years of span PHCET is recognized as one of the premier institutions delivering professional courses in Engineering & Technology at Undergraduate as well as at Post Graduate level. Currently PHCET offers following courses-

- Civil Engineering (UG , PG and PhD)
- Computer Engineering (UG, PG and PhD)
- Electronics & Computer Science (UG)
- Electronics and Telecommunication (PG)
- Electrical Engineering (UG)
- Information Technology (UG)
- Mechanical Engineering (UG & PG)

COURSE OBJECTIVES

The main objective of this STTP is to provide fundamental and practical knowledge on growing fields of Machine Learning and Data Science. This program covers the life cycle of Data Science, Statistics of Data Science by using Python. Various techniques of Machine Learning like linear regression, linear algebra with python. It will be helpful for participants to solve real world problems.

COURSE OUTCOME

Provide conceptual understanding of Data Science and ML to in real world applications. Provide knowledge and hands-on sessions on Python and 'R' programming.



COURSE CONTENTS

1. Lifecycle of Data Science
2. Statistics for Data Science
3. R Programming for Data Science
4. Problem formulation and solving
5. Introduction to ML
6. Linear regression
7. Maths for ML
8. Real World problems in AI/ML

RESOURCE PERSONS

- Dr. Bernard Menezes, IIT Bombay
- Dr. Yogesh Jadhav, SVKM's NMIMS, Navi Mumbai
- Dr. Darshan Ingle, Thadomal Sahani COE, Mumbai
- Dr. Bhushan Jadhav, Thadomal Sahani COE, Mumbai