Important Dates:

Last Date for Registration: 27th June 2018

Important Links

For Registration:
https://goo.gl/forms/pdec0P7ZMLHHNwa72

Others: www.spit.ac.in

Course fees:

Registration charges of Rs**. 3500/--** in the form of Cash/Demand Draft/Cheque in favor of "S.P.I.T. Allied Division" payable at Mumbai should reach to us on or before 25th June, 2018 along with registration form.

Venue:

Sardar Patel Institute of Technology

Bhavan"s Campus, Munshi Nagar,

Andheri (W), Mumbai 400 058

Tel: 91-22-2670 8520, 26707440, 2628 7250

Fax No.: 91-22-26701422

How to Reach:

1. By Air: Santacruz Airport (5 Km)
2. By Train: Andheri Station (1.5 Km)
3. By Metro: Azadnagar Station (0.5 Km)
4. By Bus From Andheri (W) station:
   249/250/254/257/259

Patrons:

Dr. Prachi Gharpure, Principal

Dr. Y.S. Rao, Dean R & D

Dr. Radha Shankarmani, Head IT & Dean QA

Coordinators:

Prof. Kailas Devadkar, Dy. Head IT

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Organizing Committee:

1. Dr. Prasenjit Bhavathankar
2. Prof. Rupali Sawant
3. Prof. Sheetal Chaudhari
4. Prof. Renuka Pawar
5. Prof. Jignesh Sisodiya
6. Prof. Swapnali Kurhade
7. Prof. Nikahat Mulla
8. Prof. Aparna Halbe
9. Prof. Rashmi Deshmukh
10. Prof. Babaso Aldar

Announces

AICTE-ISTE Approved
One week CAS program on

"Hands on: Machine Learning using Python"

2nd July 2018 to 6th July 2018

Organized by

Department of Information Technology, Sardar Patel Institute of Technology, Munshi Nagar, Andheri (W), Mumbai 400 058
Tel: 91-22-2670 8520, 26707440, 2628 7250
Fax No.: 91-22-26701422 **www.spit.ac.in**

About us

Sardar Patel Institute of Technology is an autonomous institute affiliated to the University of Mumbai. Institute runs four UG, three PG and four Ph.D. programs. Department of Information Technology has earned a great reputation in the field of engineering education, as well as industry. The department has well equipped computer laboratories to cater the curriculum. At S.P.I.T. we aim to sensitize students about social responsibility and the engineering approach to solve the social problems.

About the Program

Machine learning experts use large volume of data and by extracting the meaning or intelligence out of the data with proven algorithms find a solution. Machine learning is so pervasive today that you probably use it dozens of times a day without knowing it. Machine learning is the buzz word among industries and academia in India and in the world since it can optimize the applications in which it is used. It is used in the applications of Financial Forecasting, Search Engines, Image Recognition, Natural Language Processing, Medical Diagnosis, Recommendation Systems, Classification and Prediction for various systems. Due to the advent of new technologies, new algorithms are proposed which include complex mathematical operations on deep learning and big data.

In this program, you will learn about the most effective machine learning techniques, and gain practice implementing them and getting them to work for yourself. More importantly, you'll learn about not only the theoretical underpinnings of learning, but also gain the practical know-how needed to quickly and powerfully apply these techniques to new problems.

Course Content

- Machine Learning hands on Using Python
- Reinforcement Learning
- Regression Techniques
- Bayesian Learning
- Decision Tree Learning
- Instance-Based Learning
- Artificial Neural Networks
- Radial Basis Function Networks,
- Support Vector Machines
- Deep Learning
- Genetic Algorithms
- Machine Learning Applications
- Research Topics in Machine learning

Expected Outcomes of the Program

- Skills required to build data models using supervised and unsupervised methods

- Insights on Deep learning with applications in many diverse areas

- Working knowledge in machine learning with hands-on Python experience

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Who can attend

ISTE member teachers from AICTE recognized Engineering colleges can attend this program. If you are not ISTE member at present then you may send separate DD for ISTE Life Membership FEE of Rs. 3000+540=**Rs. 3540/-** per member. S.P.I.T. will forward your application and DD to ISTE for membership.

NOTE:

1. *Kindly fill the registration form through the link provided for registration to confirm participation*
Link:
https://goo.gl/forms/pdec0P7ZMLHHNwa72

2. *A test will be conducted at the end of the program and the certificates will be issued only for those participants who qualify the test.*

Resource Persons:

Distinguished faculty members from the renowned institutes, industries and other institutes will be the resource persons for the program.

Contact for Registration:

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