

## Registration Form

Name (in Block Letters) .....

Designation .....

Qualification .....

Organization/Institute.....

Address for correspondence .....

.....

Phone (Mobile) .....

Email .....

Total Teaching/Research Development Experience.....

ISTE Membership No.....

Cheque/Cash/NEFT Ref No.....Date.....

Name of Bank.....

Date ..... Signature of the Candidate

Cheque should be in favor of "DJSCOE ACM" and participants can also do registration through "NEFT". The bank details are as follows:

Beneficiary Name: **DJSCOE ACM**  
Account Number: **013110021239**  
Name of the Bank: **Dena Bank**  
Branch: **Juhu Vile Parle(W)**  
IFSC Code: **BKDN0460131**

### REGISTRATION FEE

The registration fee is categorized as follows:

- Research Scholar – Rs. 3000/-
- Faculty Member – Rs. 3000/-
- Industry Person – Rs. 4000/-

The registration fees include all instructional materials, computer use for tutorials and assignments, laboratory equipment usage charges and free internet facility. Working lunch will be provided to all the participants.

### RESOURCE PERSONS

- Mr. Yati Gharat, IIT Roorkee
- Dr. Korra Sathyababu, NIT Rourkela
- Dr. Prachi Joshi, Phd, COE, Pune
- Mr. Santosh Chapneri, SFIT, Mumbai

### HOW TO APPLY

The participants interested in attending the STTP are requested to make transaction through Cheque/Cash/NEFT (payment of the requisite registration fees) and mail the complete registration form to the coordinator by mentioning in the subject line **PARTICIPATION IN THE STTP**. The list of selected participants will be communicated by an email and subsequently they are required to confirm their participation in reply by an email to the coordinator.

### IMPORTANT DATES

Last date of Registration : 20<sup>th</sup> June 2018  
Intimation of Selection : 25<sup>th</sup> June 2018

### COURSE SCHEDULE

Duration : 2<sup>nd</sup> to 6<sup>th</sup> July 2018  
Timing : 10:30 am to 5:00 pm

### CONTACT

**Dr. Ram Mangrulkar,**  
Associate Professor, Dept. of Computer Engineering,  
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**ISTE Approved  
One Week**



**Short Term Training Program**

On  
**"Insights of Machine Learning and  
Deep Learning"**

**2<sup>nd</sup> to 6<sup>th</sup> July 2018**



**Convener**

**Dr. Hari Vasudevan**  
Principal

**Joint Convener**

**Dr. N. M. Shekocar**  
Professor & Head, Dept. of Computer Engineering

**Coordinator**

**Dr. Ram Mangrulkar**

**Co-coordinators**

**Prof. Ruhina Karani,  
Prof. Sudhir Bagul,  
Prof. Pankaj Sonawane**

*Organized By*

**Department of Computer Engineering,  
D. J. Sanghvi College of Engineering,  
Vile Parle(W), Mumbai- 400056  
Maharashtra, India.**

Telephone: +91-2242335000/2610 7010/7461

URL: [www.djsce.ac.in](http://www.djsce.ac.in)

## ABOUT SVKM

Shri Vile Parle Kelavani Mandal (SVKM), a Public Charitable Trust registered under the Societies Registration Act and Bombay Public Trust Act has become synonymous with excellence, pragmatism and vision in the field of Indian education. It runs educational institutes with exceptional faculty appointments, the latest & the best in infrastructure and a conducive learning environment. From its humble beginning in 1934, the SVKM has been committed to the cause of providing high quality education at various levels. It has over the past 84 years grown into a mega educational foundation, promoting global thinking consistent with national interest, at the same time promoting the values of professionalism, social sensitivity and dynamic entrepreneurship.

## ABOUT DJSC

Shri Vile Parle Kelavani Mandal's (SVKM) Dwarkadas J. Sanghvi College of Engineering (DJSC) was established in the year 1994. In a span of 24 years, DJSC has come a long way and has made its impact felt not only in the country, but also abroad. The college runs 8 undergraduate programmes, 3 post graduate programmes and 3 PhD courses, affiliated to the University of Mumbai. All the programs are accredited by the National Board of Accreditation. Students of the college have been performing exceedingly well in national and globally competent multinational companies and also in the universities in India and abroad as they pursue their higher education. The favorable location of the institute in the heart of Mumbai along with state-of-the-art facilities and a distinguished faculty has been a nurturing ground for students of high academic capabilities. Continued efforts of the parent trust, the faculty and the students have propelled the college into the top echelons of Quality Engineering institution today.

## ABOUT COMPUTR ENGINEERING DEPARTMENT

The department of Computer Engineering was established in the year 2001 to cater to the growing demands of technically sound professionals in Computer Technology and allied areas. The department currently offers Bachelor's, Master's and PhD programmes and has consistently achieved excellent results in academics at the university level, with many toppers in the university. The department consists of highly experienced and motivated faculty members.

## OBJECTIVES OF STTP

The objectives of the STTP are:

- To provide a powerful framework for machine learning that allows effective representation of dependency between disparate factors. It is expected to enable the use of principled probabilistic methods for inference and parameter estimation.
- To provide an introduction to deep learning models, which have emerged as standard workhorses in machine learning and deep learning with applications in many diverse areas.

## MAJOR CONTENTS

- Data Analysis with Python
- Maths for Machine Learning: Linear algebra and optimization
- Machine Learning with Python
- Maths for Machine Learning: Statistics and Probability
- Machine Learning Research Topics
- Introduction to Deep Learning
- Deep Learning for Computer Vision
- Advanced Deep Learning
- Architecting a machine learning system for risk.

## CHIEF PATRON

**Shri Amrish R. Patel,**

President, SVKM

## PATRON

**Shri Bhupesh R. Patel** Joint President, SVKM

**Shri Bharat Sanghvi** Vice President & Trustee, SVKM  
and Mentor, DJSCE

**Shri Sunandan R. Divatia** Secretary, SVKM

**Shri Utpal H. Bhayani** Treasurer, SVKM

**Shri Jayant P. Gandhi** Joint Secretary, SVKM

**Shri Shalin S. Divatia** Joint Secretary, SVKM

**Shri Harshad H. Shah** Joint Treasurer, SVKM

**Shri Harit H. Chitalia** Joint Treasurer, SVKM

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**Dr. Manali Godse**, Vice Principal (Academics)

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**Dr. Amit Deshmukh**, HoD EXTC Engineering

**Dr. Prasad Joshi**, HoD Electronics Engineering

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**Dr. Neepa Shah**, HoD Information Technology

**Prof. Rajendra Khavekar**, Training and Placement Officer

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