

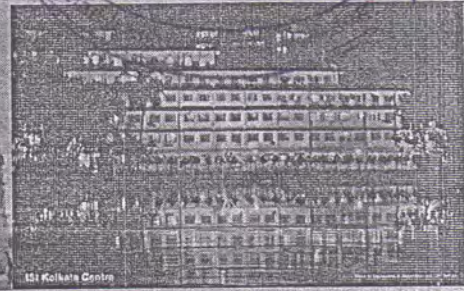
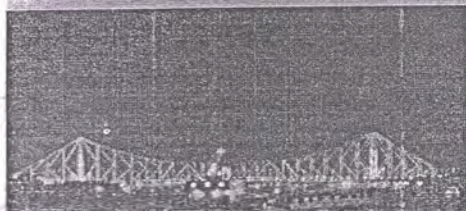
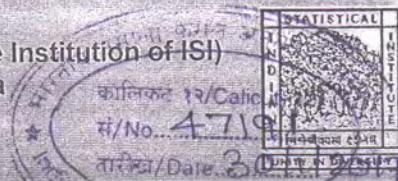
# Workshop on Data Science & Machine Learning (DSML'17)



Computing by Cognition

Center for Soft Computing Research (An Associate Institution of ISI)  
Indian Statistical Institute, Kolkata  
(<http://www.isical.ac.in/~scc>)

MARCH 28-31, 2017



## Important Information

- Number of seats is limited to 50.
- Last Date of receipt of application is 15<sup>th</sup> February, 2017.
- List of selected participants will be displayed in the website on 20<sup>th</sup> February, 2017.
- Applicants are requested to visit the website for regular updates about the workshop.
- Website:  
<http://www.isical.ac.in/~scc>

## Venue

Lecture hall,  
Center for Soft Computing Research,  
1st Floor, R. A. Fisher Bhawan  
Indian Statistical Institute,  
203 B. T. Road, Kolkata 700 108, India

## Registration fees

Category	Fees
Student (Research)	Rs 5,000/-
Academic Institute	Rs 10,000/-
Industry	Rs 15,000/-

## Advisor:

K. R. Muralimohan, DST, Govt. of India

## For further details contact:

The Coordinator, DSML'17,  
Center for Soft Computing Research,  
Indian Statistical Institute,  
203 B. T. Road, Kolkata 700 108, India  
Email: [dsml.2017@gmail.com](mailto:dsml.2017@gmail.com);  
[scc@isical.ac.in](mailto:scc@isical.ac.in)  
Tel : +91 33 2575 2040  
+91 33 2575 2046  
Fax : +91 33 2578 8699

## CALL FOR PARTICIPATIONS

Data science has become ubiquitous in modern society. A staggering amount of data is being generated and stored each day all over the world. This data is mostly related to social media, travel, communication, transactions, treatment, education, etc. The size and number of this "big" data have been increasing exponentially and will continue to grow at an accelerating rate for the foreseeable future. On a macroscopic level, most of this generated data is unused and might be discarded after sometime. Effective analysis of these huge collections of apparently insignificant data can be very beneficial for companies, governments, medical organisations, etc. Despite the advancements in the broad field of computer science, storing, managing, processing and mining this "big" data is still a significant challenge. Machine learning plays an important role when it comes to making this "big" data useful. It creates a platform which helps to extract, understand and learn the underlying structure of this data. Traditional machine learning methods are not suitable for handling big data, hence they need to be adapted or new methods need to be evolved to tackle this situation. All this needs to be done for the "value" that this "big" data holds. This value will have a significant impact on a wide range of domains including health care, research, web services, finance & business informatics, scientific computing, and many others.

The aim of this workshop is to gather experts in Data Science and Machine Learning and facilitate the participants to get both theoretical and hands-on experience on different aspects of this subject. The workshop will provide a forum for exchanging ideas and information on current research studies, challenges, system developments, and practical experiences in this emerging field of Data Science and Machine Learning.

## Topics of interest include (but are not limited to):

- Machine Learning
- Data Science
- Internet of Things
- Big Data Analysis
- Applications in
  - ✓ Health care
  - ✓ Bio-informatics
  - ✓ Video and image analysis
  - ✓ Social network analysis
  - ✓ Web data analysis

## List of Speakers (tentative)

- Saumyadipta Pyne, IIPH
- Kaushik Dey, Ericsson
- Gautam Shroff, TCS
- Santanu Chaudhury,  
CEERI, PILANI
- Sankar K. Pal, ISI
- C. A. Murthy, ISI
- Ashish Ghosh, ISI

Participants are welcome to submit contributions (optional) on one-or-more of the topics above

## How to Apply

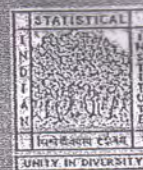
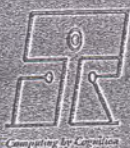
An application form is enclosed with this announcement. It may also be downloaded from the website. Interested candidates should send the filled-in application form by post to reach the Coordinator, DSML'17, by 15<sup>th</sup> February, 2017. Envelope super-scribed as "DSML'17" containing the filled in application form with the requisite demand draft drawn in favor of INDIAN STATISTICAL INSTITUTE payable at KOLKATA should be sent to: The Coordinator, DSML'17, Center for Soft Computing Research, Indian Statistical Institute, 203, B. T. Road, Kolkata 700108.

# Workshop on Data Science & Machine Learning

28-31 March, 2017

Organized by:

Center for Soft Computing Research  
(An Associate Institution of ISI)  
Indian Statistical Institute  
Kolkata



Venue:

Center for Soft Computing Research  
Indian Statistical Institute,  
203 B.T. Road, Kolkata 700 108, West Bengal.  
website: <http://www.isical.ac.in/~sec>

## Application / Registration Form

NAME (in block letters) :  
Male / Female :  
Highest Qualification :  
Institute / Organization :  
Designation :  
Areas of Interest :  
Correspondence Address :

Attach your  
recent  
passport size  
photograph

Telephone :

Mobile :

Fax (if any) :

E-mail :

Payment Details :

(by Bank Draft only)

Food Habit : Veg / Non-veg

Accommodation needed : Yes / No

(Subject to the availability)

Recommendation of Head of Institution /  
Department (Needed for student category benefit)

The applicant is a bona fide research  
scholar / student of my institution.

Amount	Draft No.	Date of Issue	Issuing Bank

(If Yes, fill the adjoining table)

Arrival		Departure	
Date	Time	Date	Time

Signature of the Head (with seal)

Signature of the applicant