

- predictions with real-world examples.
- Topic Modeling for uncovering hidden themes in large collections of documents
- Preparing data, dealing with missing data and creating custom data analysis solutions for different industries
- Basic and frequently used algorithmic mining algorithms, genetic algorithm and dynamic programming
- Introduction about Business Intelligence, Artificial Intelligence, Neural Networks
- R Programming Language

## Organizing Committee

### Workshop Convener

Dr. V. V. Kulkarni  
Director, SGI

### Workshop Co-ordinator

Dr. Bhuvaneshwari C. Melinamath

### Resource Person

Prof. Shashidhar Koolagude  
(NITK, Suratkal)

### Coordinators

Mr. R. G. Sonkamble

Mr. C. S. Arage

Ms. B. A. Kelkar

Ms. R. Y. Mulla

Ms. Priyambiga

Mr. S. S. More

Mr. M. P. Gaikwad

Mr. S. H. Dinde

Ms. Manisha Matthad

## Registration Fees

**Free for Lead College Participants**  
**Rs. 200 /- for Other Participants**

Limited Entries - 60 Participants only

### For More Details Contact:

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Sou. Sushila Danchand Ghodawat Charitable Trust's  
**Sanjay Ghodawat Group of Institutions**  
ISO 9001: 2008 Certified NAAC 'A' Grade NBA Accredited

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**Shivaji University Lead College**  
**Sponsored FDP on**

**“Machine Learning  
For Data Science”**

**14<sup>th</sup> & 15<sup>th</sup> January, 2019**

Organized by

**Department of  
Computer Science & Engineering**



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FDP on

## “Machine Learning For Data Science”

14<sup>th</sup> & 15<sup>th</sup> January, 2019

### Registration Form

Name: .....

Department: .....

College Name: .....

Phone/Mobile: .....

E-mail (Compulsory): .....

Registration Fee Category :  Lead College Participant  
 Other Participant

( Please select appropriate Fee category)

Amount In Cash / DD: .....

Bank/DD No: .....

Place: ..... Date: .....

Signature of Participant

### About SGI

Sou. Sushila Danchand Ghodawat Charitable Trust's, Sanjay Ghodawat Group of Institutions has been established in 2009 with an objective to run along the lines of best in the world education and become a world class institution where teaching-learning processes get a far deeper meaning. The Institute is situated near Atigre village on National Highway No. 206 (Kolhapur-Sangli) at distance 18Km from Kolhapur, is spread across 165 Acres in serene atmosphere amidst idyllic hills and lush green meadows.

The growth of institute is spectacular in the short span of only few years. As a learning institute, SGI continuously looks at the future while striving to make significant contribution towards professional Education. Keeping abreast with the changes in the industry and corporate world, the institute provide conducive learning environment, which is a fine blend of intellectual minds and excellent infrastructure.

- Highly Qualified and Experienced Faculty
- Track record of excellent results
- Well Established Laboratories
- Institute industry interaction
- Active Consultancy Cell



### Department of Computer Science Engg.

Computer Science and Engineering Department has been established with an aim of building creative IT professionals to acquire core

knowledge and skills required by IT industry or research institutes to meet global challenges. The courses are taught by the industry experts, experienced, qualified faculty and the global researchers. The laboratories are set up with open source software, high configuration computer systems for technical training and research work. Regular knowledge sharing sessions are conducted by experts and alumni to keep up with the rapidly evolving technology.

### About FDP

Machine Learning is a growing field that is used when searching the web, placing ads, credit scoring, stock trading and for many other applications.

This data science course is an introduction to machine learning and algorithms. You will develop a basic understanding of the principles of machine learning and derive practical solutions using predictive analytics. We will also examine why algorithms play an essential role in Big Data analysis. Machine learning is often a big part of a "data science" project, e.g., it is often heavily used for exploratory analysis and discovery (clustering algorithms) and building predictive models (supervised learning algorithms). However, in data science, you often also worry about the collection, wrangling, and cleaning of your data (i.e., data engineering), and eventually, you want to draw conclusions from your data that helps you solve a particular problem.

### Learning Objectives

- Machine learning & its relation to statistics and data analysis
- Use of computer algorithms to search for patterns in data
- Use of data patterns to make decisions and



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