



Two Days Online Workshop on High Dimensional Data Analytics using Python and Julia

9th and 10th February 2023



Organized by

School of Computer Science and Engineering (SCOPE)

Vellore Institute of Technology,
Vellore - 632 014



Organizing Committee

Chief Patron:

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Dr. R. Sathyaraj

Head - Information Security
SCOPE

Dr. H. Parveen Sultana

Head - Database Systems
SCOPE

Coordinators:

Dr. R. Kanagaraj, Assistant Professor
Department of Information Security
SCOPE

Dr. A. Kumaresan, Assistant Professor
Department of Database Systems
SCOPE

Contents of the Programme

- Introduction to Data Analytics and Python
- Bagging
- Boosting
- Random forest
- General Ensemble learning Methods
- Support Vector Machines
- Introduction to Julia
- Programming with Julia
- Julia Programming for Data Science
- Julia Programming for Machine Learning Techniques

Target Audience:

Faculty members, Research Scholars, UG and PG students

Registration:

Use the link below

<https://events.vit.ac.in/>

Registration fee:

- Faculty Members : Rs. 750/-
- Research Scholars : Rs. 500/-
- UG/PG Students : Rs 250/-

Registration fee includes 18% GST

Last date for registration on or before 07.02.2023

About VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. Our Memoranda of Understanding with various international universities are our major strength.

About SCOPE

The school has one of the best infrastructure including domain-specific labs associated with the technical departments mentioned below - many of these labs are sponsored by industry leaders. The School has a good record of organizing seminars, workshops, symposia and conferences in emerging technological areas.

with an objective of developing core competence in the subject matter specializations and special interest groups for learning newer technologies. The School has formed the following technical departments:

- Department of Analytics
- Department of Computational Intelligence
- Department of Database Systems
- Department of Software Systems
- Department of Information Security
- Department of IoT

About Workshop

The High Dimensional Data Analytics workshop aims at providing a forum for members of the research and academy community. The workshop enables the participants to understand the recent technologies in Machine learning, Data Science, Artificial Intelligence and its applications of high dimensional data. The sessions include both the discussion of machine learning and deep learning techniques in real time applications data and the challenges to apply practically. The sessions also include hands-on training. These sessions are designed based on domains like Predictive modeling and Machine Learning Algorithms using Python and Julia.

Speakers

Dr. Bobby John

Senior Technical Officer, Statistical Quality Control & Operations Research Unit
Indian Statistical Institute
Bangalore
Six Sigma, Data Mining, Data Analysis

Mr.Thanikachalam M

DATA Scientist / DATA Engineer
Tata Consultancy Service
Google Cloud Certified Machine Learning Engineer, Data Engineer and Cloud Architect
Microsoft Certified Azure Data Scientist and Data Engineer (Associate)

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Participants are requested to register for the workshop through following web link

<https://events.vit.ac.in/>

