About VIT

Vellore Institute of Technology(VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. From its humble beginning, the institution has grown steadily to that of having more than 45,000 students. VIT attracts students from all the 29 states of India and from more than 50 countries because of its excellence.

The credentials of VIT are:

Ranked among the top 601-700 Universities of the world and one among the top 3 Institutions in India (Shanghai ARWU Ranking 2022)

The 9th best University, the 10th best research institution and the 12th best engineering institution in India (NIRF Ranking, Govt. of India 2022)

NAAC Accreditation with A++ grade in the 4th cycle.

Engineering and Technology subject areas of VIT are the 346th best in the world and the 9th best in India as per QS World University Rankings by Subject 2022.

Ranked within the top 200 Universities in Asia (QS-Asia University Rankings 2022)

About SAS

School of Advanced Sciences (SAS) consists of Mathematics, Physics and Chemistry departments. It comprises of well qualified and research oriented faculty members whose expertise are in the frontier areas in sciences.

Faculty members of SAS have received research projects from various funding agencies such as NBHM, UGC, CSIR, DRDO,IGCAR, DBT, and Others. The School has also been recognized by DST for support under the FIST programme.

About the Workshop

Optimization Techniques and Data Analytics plays a vital role in industry and is driving many researchers to produce promising solutions to the challenging real world problems. These fields has been active locale of research due to its wide verities of industrial applications. This programme will facilitates the faculty members, research scholars, U.G and P.G. students in understanding the basic concepts of optimization techniques and data analytics to a wide coverage of advanced topics. In addition, the workshop creates a pavement for faculty members, research scholars, students to choose their research problems.

Topics to be covered

- Trends on Digital Transformation based on AI - ML- Today, Next and Never
- Overview of AI,ML and Data Science
- Data Driven in Decision Making
- Predictive Analysis
- Trends in Artificial Intelligence and Data Science
- Effect of COVID-19 at Transportation Sector
- Statistical Techniques for Data Analysis
- Python Programming in Machine Learning
- OR Insights into Real-life Problems with Uncertainty

VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

A Five-Day National Workshop on

Optimization Techniques and Data Analytics : Multidisciplinary Industrial Approach

10th -14th October 2022

Virtual Mode (MS Teams)

Organized by
**Department of Mathematics
School of Advanced Sciences
Vellore Institute of Technology
Vellore – 632 014.**

VIT - Recognized as an Institution of Eminence (IoE) by the Government of India

VIT - A place to learn; A chance to grow

Organizing Committee

Honourable Patron
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Co-ordinators
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Dr. D.Anuradha
Dr. K.Kavitha
Dr. Amrit Das
Department of Mathematics, SAS, VIT

Resource Persons

Mr.Kodhandaraman Sridharan
CEO – CleverInsight, Software Company in Menlo Park, Californa, USA

Dr.Selvakumar K, NIT, Trichy

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Central University of Tamil Nadu, Thiruvarur

Dr. Irfan Ali, Aligarh Muslim University, Aligarh, UP

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Contact Details

➢ **Dr. D.Anuradha**
   Email: danuradha@vit.ac.in
   Mobile No.: +91-9751980249

➢ **Dr. K.Kavitha**
   E-mail: k.kavitha@vit.ac.in
   Mobile No.: +91-8838341683

Target Audience

Internal and External Faculty Members, Research Scholars, UG and PG Students and Industry Personnel.

Important Points

1. Registration can be done through the Google form: https://forms.gle/TNpGYCDuzNDCRqT4A
2. The last date for registration is 09-10-2022 (4.00 PM)
3. Registration Fee: Rs.100 + 18% GST
4. Fee link: https://events.vit.ac.in/
5. MS TEAM Link: https://tinyurl.com/htjvkmeb
6. E-Certificate will be issued to all the participants.