Honourable Patron
Dr. G. Viswanathan, Founder & Chancellor, VIT

Patrons
Mr. Sankar Viswanathan, Vice President, VIT
Dr. Sekar Viswanathan, Vice President, VIT
Dr. G. V. Selvam, Vice President, VIT

Co-Patrons
Dr. Rambabu Kodali, Vice Chancellor, VIT
Dr. Partha Sharathi Mallick, Pro-Vice Chancellor, VIT
Dr. T. Jayabarathi, Registrar, VIT

Chairperson
Dr. N. Arunai Nambi Raj, Dean, SAS, VIT

Convener
Dr. M. S. Jagadeesh Kumar,
Head, Department of Mathematics

Organizers
Dr. Peri Kameswara Kameswaran
Dr. K.Thilagavathi
Dr. N. Shobanadevi
Department of Mathematics

Registration Details

Registration can be done through the link by September 04, 2023.

Registration Fee: Rs.1000+GST (18%)

(Registration Kit + Workshop Material + Working Lunch)

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

Accommodation

Limited accommodation (on sharing basis) are available in VIT Hostel on payment. Mail should be sent to kthilagavathi@vit.ac.in .

Schedule of Instructions

The workshop is conducted in two sessions from 10.00 am to 5.00 pm on September 11-15, 2023.

Contact Us:

Dr.Peri Kameswara Kameswaran
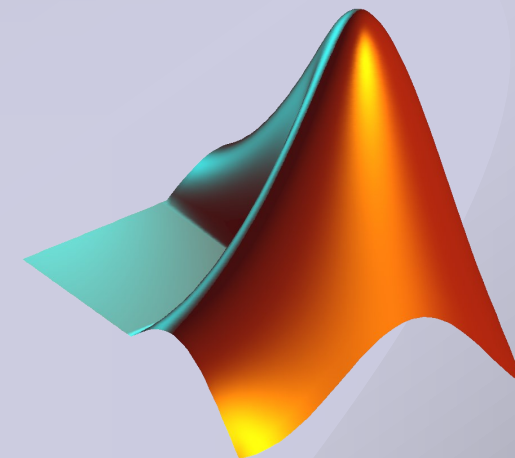
Dr.K.Thilagavathi

Dr.N.Shobanadevi

Department of Mathematics, SAS
VIT, Vellore - 632 014
Mobile. 9047505118 , 9442812471, 9486424245
E-mail: kameswaran.pk@vit.ac.in,
        kthilagavathi@vit.ac.in,
        n.shobanadevi@vit.ac.in

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

Five-day Workshop
on
MATLAB for Science and Technology

September 11 - 15, 2023

Department of Mathematics
School of Advanced Sciences
VIT, Vellore-632014

VIT

VIT has made a mark in the field of higher education in India imparting quality education in a multi-cultural ambience, intertwined with extensive application-oriented research. VIT was established with the aim of providing quality higher education at par with institutions of international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education in all fields of science and technology. VIT was established by the well-known educationalist and former parliamentarian, honourable Dr. G. Viswanathan, the Founder and Chancellor, a visionary who transformed VIT into a Centre of excellence in higher technical education. In Engineering and Technology, VIT stands 240th best in the World and the 9th best in India (as QS World University Ranking 2023). Also based on the same survey, Eight subjects of VIT are within the top 500 in the world. It is ranked the 9th best university and 10th best research institution and the 12th best engineering institution in India (NIRF ranking, Govt. of India 2022). It is ranked within the top 200 universities in Asia (QS – Asia University rankings 2022) and has got A++ in the 4th cycle of NAAC accreditation.

SAS

School of advanced sciences (SAS), a platform for intellectuals in VIT, is pledged to internationally acclaimed research and inventive instruction with a priority on disciplinary rigor and establishing academic achievement. SAS comprises three academic departments spanning Mathematics, Physics, and Chemistry. The school offers Ph.D. research programs in all these disciplines and Master's Programmes in Mathematics, Physics, and Chemistry.

Deparatment of Mathematics

The subject of Mathematics in VIT is ranked within the top 11 in India and top 351-400 in the world as per QS World University Rankings by Subject 2023. The department of mathematics has 134 faculty members who support the other engineering departments through teaching and are actively involved in mathematical and interdisciplinary research. Currently, the department is offering Masters Programs in Data Science, Business Statistics, Integrated M. Sc. Computational Statistics and Data Analytics, Integrated M. Sc. Mathematics and Ph. D. with a plethora of field expertise. Several departmental research projects are financially supported by the leading funding agencies such as CSIR, DRDO, DST, NBHM and MHRD.

About MATLAB

The MATLAB language is matrix-based, so to express computational mathematics, it is the most natural way to work with MATLAB. The platform is much optimized for solving engineering and scientific problems with the help of its computational power. The platform works on three main areas to focus, Mathematics, Graphics, and Programming. Calculations can be done with all Mathematical tools, and data can be visualized with the help of built-in Graphics.

Date	Topic
11-09-2023	Introduction to MATLAB Programming
12-09-2023	Graphics with MATLAB, 2D Plotting.
13-09-2023	Array operations and Matrices operations Solving Linear and System of Equations using MATLAB
14-09-2023	Introduction to programming Symbolic calculations
15-9-2023	Introduction to vectors and vector operations.

Speaker

Dr. Mellacheruvu Naga Srinivasu, VIT, Vellore.

Dr. Peri Kameswara Kameswaran, VIT, Vellore.

Prof. T. Phaneendra, VIT, Vellore

Dr. S. Purushottam, VIT, Vellore.

Dr. Nageshwar Rao Ragi, VIT, Vellore

Dr. Raja Das, VIT, Vellore.

Dr. Sri Rama Vara Prasad Bhuvanagiri, VIT, Vellore.

Target Audience

U.G/P.G. Students/Research Scholars/Faculty members