

PATRONS

Dr. G. Viswanathan	Chancellor
Shri. G.V. Selvam	Vice President
Dr. Anand A. Samuel	Vice Chancellor
Dr. S. Narayanan	Pro-Vice Chancellor

REGISTRATION DETAILS

Participants are requested to register through the online Google form before the deadline. The registration fee (non-refundable) is as follows:

Research Scholar /Student : Rs.600/-

Mode of payment and Registration through Google form with the following link:

<http://info.vit.ac.in/Events-VIT/NWAOSG2018/apply.asp>

ACCOMMODATION

Accommodation (including food) will be provided in the University hostel to those participants who place a prior request for the same on additional payment basis.

IMPORTANT DATES

Last date for receipt of application 23/7/2018

Workshop Date 27/7/2018

ABOUT THE WORKSHOP

This Workshop aims at providing a number of contributions to a range of problems involving the application of Queueing, Markov chains and Queueing networks. Applications of Correlation and Regression and Domination in graphs. Also, this event is expected to provide a great platform for those who are interested in understanding different aspects of models and their applications in various realms of

science and engineering.

TOPICS TO BE COVERED

- Applications of Queueing, Markov Chains and Queueing Networks.
- Domination in Graphs.
- Hands on training in Correlation and Regression using R (Statistical Package)

TARGET AUDIENCE

The workshop will be extremely useful for Research scholars and Post-graduate students interested in pursuing research in Applied Mathematics.

RESOURCE PERSONS:

Dr. B. Krishnakumar,
Professor,
Department of Mathematics,
College of Engineering Guindy,
Anna University, Chennai.

Dr. S. Hariharan,
Associate Professor,
Amritha Vishwa Vidyapeetham,
Coimbatore .

Dr. M. Subramanian,
Assistant Professor,
Department of Mathematics ,
Anna University Regional Campus-Tirunelveli.

CHAIRMAN

Prof. R. Vijayraghavan
Dean, School of Advanced Sciences (SAS).

CONVENER

Prof. B. Rushi kumar,
Head, Department of Mathematics, SAS.



VIT[®]

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

National Workshop on

**Applications of Operations Research,
Statistics and Graph Theory(NWAOSG 2018)**

27th July 2018 - Friday

Organized by

**Department of Mathematics
School of Advanced Sciences (SAS)
VIT University, Vellore – 632014
Tamil Nadu, India.**

Organizing secretary

Dr. P. Rajendran

Joint secretaries:

Dr. K . Kavitha

Dr. D. Kalpanapriya

Dr. M. Nalliah

Dr. G. Rajasekaran

VIT University - A place to learn; A chance to grow

**VIT - The first and the only University in India to get
4-STAR rating from QS, the international ranking agency.
VIT - Winner of the prestigious national award from FICCI,
'University of the year' for 2016.**

ABOUT VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. VIT attracts students from all the 29 states of India and more than 41 different countries because of its academic excellence. The credentials of VIT in academics and research, has placed VIT in the 13th position among the engineering institutions and VIT Business School has placed 17th position among the business schools in India by NIRF, Govt. of India Ranking. The world ranking body namely the QS has given 4 STAR rating to VIT, with that VIT becomes the first institution in India to have the 4 STAR rating. In addition to this, the consortium of industries, FICCI has adjudged VIT as the “Excellence in Faculty”. VIT has the record of publishing maximum number of SCOPUS Indexed Research Journal papers in 2016, among Indian Universities, overtaking all the premier institutions. VIT has also completed 3 cycles of NAAC accreditation and has been rated as “A” grade institution. In addition, VIT also has obtained for the coveted ABET accreditation by US agency. VIT has introduced many innovations in academic processes which adds value to every student. FFCS (Fully Flexible Credit System), PBL (Project Based Learning) for better learning, fully digitized academic portals that assists students in equipping themselves for 2020 market place, Hack-a-thons / Make-a-thons as part of curriculum exercise which kindles the interest and the curiosity of students, which moulds them to be better

problem solvers, 8th module in every subject being handled by industry experts, making the students contextualize the concepts they study in the classroom, are a few of the innovations that VIT has introduced out the School of Advanced Sciences.

SCHOOL OF ADVANCED SCIENCES

The School of Advanced Sciences (SAS) includes Mathematics, Physics and Chemistry disciplines. The School offers M.Sc., M.Phil. and Ph.D. programmes in these domains. The faculty of the entire School comprises qualified and goal-oriented members whose research expertise includes major frontier areas in Mathematics and Physics, Chemistry. The School has been receiving research grants from various funding agencies such as DST, CSIR, DRDO, NBHM, BRNS, IGCAR, AERBA, NRB and ARDB. The School has also been recognised by DST for support under the FIST programme. The School will be conducting various programmes such as InoVIT, SciGATHER and VIT Mathematical Meet, which are South India level math and science contests for school children to create and encourage mathematical and scientific innovations among the students. The Department of Mathematics has a good record of organising seminars, workshops, symposium and conferences (NCPAM, ISTAM) in the recent emerging technical areas.

DEPARTMENT OF MATHEMATICS

Mathematics, the queen of sciences, is an essential component of all engineering disciplines. The Department of Mathematics at VIT comprises of 84 faculty members dedicated to fulfill the needs of all the Engineering departments. All the faculty members are

doctorates and are actively involved in research in addition to the regular teaching activities. The faculty members of the Department are specialized in frontier areas of Mathematics such as Operations Research, Queuing Theory, Fuzzy Mathematics, Algebra, Analysis, Complex Analysis, Differential Equations, Fluid Dynamics, Graph Theory, Inventory Systems, , Coding Theory, Mathematical Modeling, Numerical Methods, Mathematical Biology and Others. The Department, till date, has produced 43 Ph.Ds in various branches of Mathematics. Several research projects of the department are financially supported by some of the leading funding agencies such as CSIR, DRDO, DST and NBHM. The department is also serving the requirements of the leading industries through the consultancy projects.

CONTACT DETAILS

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