

ABOUT VELLORE INSTITUTE OF TECHNOLOGY

Vellore Institute of Technology (VIT) was founded in 1984 by Chancellor Dr. G. Viswanathan as Vellore Engineering College. Students from all around India and more than 60 countries come to VIT because of its stellar academic reputation. The Ministry of Human Resource Development (MHRD), Government of India, awarded the institution university status in 2001 in appreciation of its accomplishments in research, academics, and extracurricular activities. VIT has multiple campuses in India, including Vellore, Chennai (Tamil Nadu), Amravati (AP), Bhopal (MP) and Bengaluru (Karnataka), and an international campus in Mauritius. National Institutional Ranking Framework (NIRF) ranked VIT at 21st in the Overall category, 14th in the Research category, 16th in Engineering, and 14th in the University category in 2025, as announced by the Ministry of Education, Government of India. The institution adheres to world-class academic standards and is accredited by NAAC (India), IET (UK), and ABET (USA). According to the QS World University Rankings, VIT is the first university in India to receive a 4-Star grade. VIT is ranked 691 among the top universities worldwide by the QS World University Rankings in 2026, ranked 352 worldwide and 7th in India by the QS World University Rankings: Sustainability 2026, placed 9th in Engineering and Technology in India by the QS World University Rankings by subject 2025, and is among top 600 universities in world by the Shanghai ARWU Ranking 2025.

ABOUT THE SCHOOL OF ADVANCED SCIENCES

The School of Advanced Sciences (SAS) was established in 1984 encompassing the Departments of Mathematics, Physics, and Chemistry. The school's vision is to offer top notch instruction and research with an international influence. The school consists of a total of 281 experienced and energetic faculty which includes 137 in Mathematics, 67 in Physics, and 77 in Chemistry. The faculty's expertise is reflected in their research output, publications, and productive collaborations with industry. The school offers Master's programs in Data Science, Business Statistics, Physics, and Chemistry, as well as Integrated Master's programs in Mathematics, Chemistry, Physics, and Computational Statistics & Data Analytics. Additionally, the school provides Ph.D.

programs in the fields of Chemistry, Mathematics, and Physics.

ABOUT THE DEPARTMENT OF MATHEMATICS

The Department of Mathematics, VIT was established in 1984 and strives for national and international recognition for its quality. The department employs 137 committed academic members, actively conducting research in a variety of mathematical domains in addition to providing teaching support to other engineering disciplines. In addition to postgraduate degrees including M.Sc. (Data Science), M.Sc. (Business Statistics), Integrated M.Sc. (Mathematics), and Integrated M.Sc. (Computational Statistics and Data Analytics), the department provides Ph.D. programs in important fields of mathematics, statistics, and data science. The department focus on a comprehensive undergraduate, graduate, and research curriculum, and is dedicated to promoting innovative, high calibre studies, developing foundational research, and establishing itself as a preeminent research hub worldwide. The Department of Mathematics has achieved a QS world university ranking of 201-250 (International) and 7-9 (National) by subject in 2025. It has also received financial support from the Department of Science and Technology (DST FIST), Government of India, with an allocation of Rs. 2.71 Crores.

ABOUT THIS COURSE

The course "Industrial Statistics with Application in R" typically focuses to introduce the application of statistical methods in industrial problem-solving, to provide hands-on experience using R for industrial data analysis and to bridge theoretical statistics with real-world industrial applications. In addition, the course emphasizes data-driven decision-making in manufacturing and service industries, covering topics such as quality control, process optimization, reliability analysis, and experimental design. Learners gain practical exposure to analyzing real industrial datasets, interpreting statistical results, and presenting insights effectively. The course also aims to develop problem-solving skills and statistical thinking required to address complex industrial challenges using modern computational tools.



Value Added Course on Industrial Statistics with Application in R March 16th to 19th, 2026

Organized by

**DEPARTMENT OF MATHEMATICS
SCHOOL OF ADVANCED SCIENCES
VELLORE INSTITUTE OF TECHNOLOGY
VELLORE – 632014**

Coordinators

**Dr. D. KALPANAPRIYA
Dr. M. MUBASHIR UNNISSA
Dr.V.SUJATHA**



VIT – A Place to Learn; A Chance to Grow

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HoD, Department of Mathematics

TOPICS TO BE COVERED

To comprehend and solve the real time problems of industries using comprehensive statistical methods and tools.

To do critical analysis and effective appraisal of challenging and dubious problems of industry to become a better decision maker.

Develop skill of modern analysis methods and tools in solving different types of problems from various sectors of modern industry.

Develop the ability to find viable and valid statistical solutions for Sustainable societal need.

REGISTRATION DETAILS

Participants are requested to register through online by paying the required registration fees (non-refundable) using the below link.

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

IMPORTANT DATES

Last Date for Registration: **19th March 2026**

Registration Fee Details: Rs.500/-
Registration fee excludes 18% GST

Venue: PRP 550

E-certificate will be awarded on successful completion of course. For registered students the certificate of participation may be considered for additional learning.

TARGET AUDIENCE:

Students of any UG / PG Degree and Ph.D Scholars

CONTACT DETAILS

Dr. D.Kalpanapriya

9942204641

✉ dkalpanapriya@vit.ac.in

Dr. M.Mubashir Unnissa

9486424245

✉ mubashira@vit.ac.in

Dr.V.Sujatha

72990 89801

✉ sujatha.v@vit.ac.in

INSTRUCTIONS

1. Selection will be made purely on First Come First Serve Basis and Eligibility. (Subject to fulfilling of the seats available).

2. Maximum fifty (50) participants will be accommodated in the course. The Brochure and the Registration Form may be downloaded from the Institute website www.vit.ac.in

