

ABOUT THE INSTITUTE

Vellore Institute of Technology (VIT) was founded in 1984 and attracts students from various parts of the world because of its academic excellence. The credentials of VIT in academics and research have placed 11th position among the research and 8th position in the university category in India by NIRF, Govt. of India. 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 completed 4 cycles of NAAC accreditation and has been rated as “A++” grade institution. VIT has introduced many innovations in academic processes such as FFCS (Fully Flexible Credit System), PBL (Project Based Learning) which adds value to every student for better learning. Fully digitalized academic portals and library access assists the students in equipping themselves for 2023 marketplace. Hack-a-thon, Make-a-thon, Math-a-thon, Stat-a-thon as part of curriculum exercise which kindles the interest and the curiosity of students, which motivates them to be better problem solvers, last module in every subject being handled by the industrial experts, making the students contextualize the concepts they study in the classroom, are a few of the innovations that VIT has introduced in their learning system.

ABOUT THE SCHOOL

School of Advanced Sciences, VIT consists of Mathematics, Physics and Chemistry departments. The school offers M.Sc. and Ph.D. programmes in all the three disciplines. The school comprises qualified and research-oriented faculty members whose expertise is in the frontier areas in sciences. Faculty members of SAS have received national and internationally recognized funded projects to the tune of 10 cores on-going projects in SAS. Several research projects of the school are financially supported by some of the leading funding agencies such as NBHM, UGC, CSIR, DRDO, DST, DBT, and others.

ABOUT THE DEPARTMENT

The Department of Mathematics at VIT, Vellore, holds a prominent position in the academic landscape: earning a QS World Subject Ranking of 201-250 in 2024, and ranking 7 - 9th within India. Recently, the department secured project funding from DST- FIST, further enhancing its research capabilities. The faculty’s areas of expertise span a wide spectrum, including algebra, analysis, differential equations, applied mathematics, optimization techniques, statistics, data science, theoretical physics, and computational sciences. The department offers Ph.D. programmes in Mathematics, Statistics and Data Science in addition to M.Sc. (Data Science), M.Sc. (Business Statistics), Integrated M.Sc. (Computational Statistics and Data Analytics) and Integrated M.Sc. (Mathematics) programmes.



**School of Advanced Sciences
Department of Mathematics
offers
Value Added Program
on**

**VAC2402 - Python for Machine
Learning: Hands-on Session for
Beginners**



3rd – 7th June, 2024

ABOUT TRAINING:

Python is in high demand in the tech industry, so its learning can open job opportunities in fields such as web development, data science, machine learning, and more. A general-purpose and high-level programming language. It can be used for developing desktop GUI applications, websites, and web applications. Also, it is a high-level programming language, allows you to focus on core functionality of the application by taking care of common programming tasks. This program encourages beginners to have a rich experience in python programming through practical training and theoretical explanations.

VAP Contents

- ◆ Introduction to Programming Paradigms
- ◆ Data Expressions, Statements
- ◆ Control, Flow, Functions
- ◆ Lists, Tuples, Dictionaries
- ◆ Object Oriented Programming Concepts
- ◆ File Handling and Exceptions
- ◆ Python Applications in Machine Learning

Who Can Attend?

- ✓ The course is open to all graduates, research scholars, faculty members, or representatives from industry.

ORGANIZING COMMITTEE

Honorable Patron

Dr. G. Viswanathan, **Founder & Chancellor**

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Shri. Sankar Viswanathan, **Vice President**

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HoD, Department of Mathematics

Coordinators:

Dr. R. Nageshwar Rao

Associate Professor of Mathematics

Dr. T. Poornima

Assistant Professor (Senior)
of Mathematics

Course Fee:

Registration Fee: Rs.500/-
(Inclusive of GST)

Certificate, Course Material, and project ideas will be provided.

Event Venue: PRP 119 ,VIT Campus

Last date for Registration:

On or before : 31st May 2024

For Registration contact:

Dr. T. Poornima

Contact No.: 7989591890

Online Payment link

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

