



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

**International Symposium on
Mathematical Modelling and
Quantum Computing in Health
Sciences - 2026
(ISMMQCHS-2026)
Online Mode
22nd April 2026**



Organized By
Department of Mathematics
School of Advanced Sciences
Vellore Institute of Technology
Vellore, Tamil Nadu
India

Organizing Secretaries
Dr. D. Easwaramoorthy
Dr. A. Manimaran
Dr. S. Nandhini
Dr. D. Ramesh Kumar

ABOUT THE INSTITUTE

Vellore Institute of Technology was founded in 1984 in the name of Vellore Engineering College by the Chancellor Dr. G. Viswanathan. VIT attracts students from all the states of India and from more than 60 different countries due to its academic excellence. In recognition of its excellence in academics, research and extra curricular initiatives, the University status was conferred in 2001 by Ministry of Human Resource Development (MHRD), Government of India. Currently, VIT has 5 campuses located in Vellore, Chennai, Amravati, Bhopal and Bengaluru. The National Institutional Ranking Framework (NIRF) has ranked VIT as 21st in Overall Category, 14th in Research Category, 16th in Engineering Category and 14th in University Category, announced by the Ministry of Education, Government of India for the year 2025. VIT has accreditation by NAAC (India), IET (UK) and ABET (USA), and follows a world class academic process. VIT is the first University in India to get 4-Star Rating from QS - World University Rankings Organization. VIT has been ranked with 691th place by QS - World University Rankings, ranked among the top 501-600 institutions by Shanghai ARWU Ranking of World Universities, ranked as 173rd by Times Higher Education (THE) World Young University Rankings, and also ranked as 156th best institution in Asia by QS - Asia University Rankings.

ABOUT THE SCHOOL

The School of Advanced Sciences (SAS), which was established in the year 1984, comprises of Mathematics, Physics, and Chemistry departments. The vision of the School is to provide quality teaching and research, which would make an impact at a global level. The School consists of a total of 232 experienced and enthusiastic faculty members. The research activities, publications and fruitful interactions with the industry are testimonials to the expertise of the faculty members in VIT. The School offers Masters Programs in Data Science, Business Statistics, Physics and Chemistry; Integrated Masters Programs in Mathematics, Data Science, Physics and Chemistry. The School offers Ph.D. programs in emerging research areas in Mathematics, Chemistry and Physics.

ABOUT THE DEPARTMENT

The Department of Mathematics at VIT was established in 1984. The department strives to be recognized for excellence among academic institutions in India and abroad. Currently, the Mathematics department has 136 faculty members who support the other engineering departments through teaching and also actively involved in academic research in different areas. The department offers Ph.D. programs in Mathematics, Statistics and Data Science in addition to M.Sc. (Data Science), M.Sc. (Business Statistics), Integrated M.Sc. (Mathematics) and Integrated M.Sc. (Data Science) programs. The department emphasizes on offering a comprehensive undergraduate, graduate, and research curriculum. The department focuses on research that is core of its field, promote cutting-edge, original research, and strengthen our role as a hub for top quality research in the world. We emphasis on higher education and mathematics research in emerging areas such as AI, ML and Data science. For this purpose, we will adopt flexible approaches for reorganization and establishment of new initiatives within the department. The Department of Mathematics, School of Advanced Sciences (SAS), Vellore Institute of Technology, Vellore has obtained QS world university subject ranking in "Mathematics" as 104th place (International) and 5th place (National). The department has been supported by DST-FIST, Government of India with the financial assistance of Rs. 2.71 Crores.

ABOUT THE SYMPOSIUM

The symposium aims to create an international online platform integrating experts in mathematical modelling and quantum computing for health sciences to solve the complex problems arising in healthcare industry in the present scenario. The symposium will foster collaboration among Professors, Researchers, Scientists, Industrialists, Medical Practitioners and Students across the globe, enabling the development of quantum-enhanced mathematical models for healthcare management and optimization. This symposium may accelerate the translation of mathematical modelling and quantum technologies into impactful solutions for healthcare industry.

ORGANIZING COMMITTEE

Honorable Patron

Dr. G. Viswanathan
Founder & Chancellor, VIT

Patrons

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Organizing Secretaries

Dr. D. Easwaramoorthy
Dr. A. Manimaran
Dr. S. Nandhini
Dr. D. Ramesh Kumar
Department of Mathematics, SAS, VIT, Vellore

Organizing Team Members

Faculty Members, Staff Members,
Research Scholars and Students
Department of Mathematics, SAS, VIT, Vellore

INVITED SPEAKERS

Dr. Dietmar Oelz

The University of Queensland, Australia.

Dr. Guofeng Zhang

The Hong Kong Polytechnic University, Hong Kong.

Dr. P. Shanmugavadivu

The Gandhigram Rural Institute, India.

Dr. Varun Surya

All India Institute of Medical Sciences (AIIMS), India.

Dr. Rohitkumar R. Upadhyay

QNU Labs, Gurugram, India.

IMPORTANT DATES

Last Date for Registration : **15-04-2026**

Registration Confirmation : **20-04-2026**

Date of the Symposium : **22-04-2026**

REGISTRATION DETAILS

Participant Category	Registration Fee*
Indian	250 INR
International	50 USD

*The registration fee has to be paid along with the applicable tax (GST) through the following payment link.

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

After completion of the payment, kindly fill the registration form through the following link along with the payment receipt.

Registration Link :
<https://forms.gle/wib6BigSrmmm8QMVA>

INSTRUCTIONS

- Faculty Members, Research Scholars, UG/PG Students and Industrial Experts may be expected to participate in the symposium.
- Registration is mandatory for all participants.
- The number of participants is limited.
- The selected participants will be intimated through the registered e-mail.
- The participation certificate will be given digitally for all active participants.
- All the sessions of the symposium have been scheduled as per the Indian Standard Time (IST).
- This online symposium will be conducted through the Microsoft Teams platform.

CONTACT DETAILS

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INTERNATIONAL SYMPOSIUM ON
**Mathematical Modelling &
Quantum Computing** in Health Sciences
ISMMQCHS-2026



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