ABOUT VIT

Founded in 1984, as Vellore Engineering College, a selffinancing institution dedicated to providing quality higher education. In 2001, the Union Ministry of Human Resource Development conferred university status on the institution under Section 3 of the University Grants Commission (UGC) Act, 1956. VIT is led by its visionary Founder and Chancellor, Dr. G. Viswanathan, a former Parliamentarian and Minister in the Government of Tamil Nadu. In recognition of his exceptional contributions to education, Dr. G. Viswanathan was awarded an honorary doctorate by West Virginia University (USA) in 2009 and the State University of New York (USA) in 2024. With a commitment to delivering world-class education on par with international standards, VIT continually adopts innovative approaches to teaching and research. Our Memoranda of Understanding with various international universities, being a major strength, enable meaningful collaborations via student and faculty exchanges and foster joint research projects. Many of our students, working in international organizations and universities, deliver highquality solutions and conduct research that bring esteem to India and make us proud of our legacy. At VIT, the pursuit of excellence in education and research is complemented by a dynamic ecosystem of innovation, research and global engagement. As we advance steadily, we remain steadfast in our mission to nurture leaders and innovators who can make a meaningful impact on the world.

ABOUT VIT CHENNAI

VIT Chennai was established in 2010 and has since become a beacon of excellence in higher education. Spearheaded by Vice-President Dr. G. V. Selvam, a pioneering visionary who laid the foundation of VIT Chennai, he is an insightful architect of its evergreen campus and an ingenious leader whose comprehensive vision and mission have shaped its growth. Under his guidance, VIT Chennai has rapidly evolved into a hub of innovation and academic distinction. The leadership team, including Vice-Chancellor Dr. V. S. Kanchana Bhaaskaran, Pro-Vice Chancellor Dr. T. Thyagarajan, Director Dr. K. Sathiyanarayanan and Additional Registrar Dr. P. K. Manoharan, drives its mission of delivering transformative education and impactful research. Strategically located in the capital city of Tamil Nadu, VIT Chennai is a globally engaged, competitive, and research-enriched institution.

VIT Chennai proactively addresses industrial, social, economic and environmental challenges, fostering application-based learning that produces industry-ready professionals. Known for its cosmopolitan atmosphere, VIT Chennai attracts students from across the globe, fostering a vibrant and multicultural community. Committed to maximizing industrial connectivity and establishing Centers of Excellence in cutting-edge research areas, VIT Chennai enriches technological and managerial human capital through a collaborative and inclusive academic environment. It serves as a platform for intellectual exchange, encouraging the convergence of diverse ideas to drive innovation and learning. Dedicated to societal and industrial advancement, VIT Chennai leverages its resources to benefit the community, supports national knowledge-building initiatives and fosters international collaborations for mutual progress in research and education. With a clear vision and an unwavering mission, VIT Chennai continues to redefine the landscape of higher education in India and beyond.

ABOUT SAS

The School of Advanced Sciences (SAS) at Vellore Institute of Technology (VIT) Chennai, comprises Department of Mathematics, Physics and Chemistry. It offers the following programmes:

- Ph.D
- M.Sc Data Science, M.Sc Physics, M.Sc Chemistry
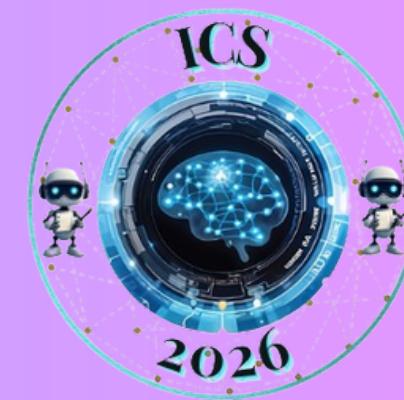
The school also offers a plethora of core and elective

ICS 2026

Organized by

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VIT - A PLACE TO LEARN, A CHANCE TO GROW

courses facilitating B.Tech, M.Tech, MCA,Integrated M.Tech, Management and Law programmes.

ABOUT ICS-2026

ICS-2026 aims to address emerging challenges in intelligent control by emphasizing engineering solutions that extend beyond purely digital and simulation-based environments. With the growing demand for reliable, adaptive, and autonomous engineering systems, there is a clear need to connect strong theoretical foundations with approaches that support practical deployment and experimentation.

The workshop focuses on modern control methodologies integrated with intelligence, learning, and optimization techniques, highlighting their role in system modeling, analysis, and control design. The workshop moves seamlessly from theoretical ideas to hands-on implementation, demonstrating how intelligent control concepts translate into working engineering solutions capable of handling uncertainty, nonlinearity, and performance constraints.

Through expert lectures and focused technical sessions, the workshop provides in-depth insights into the design and deployment of intelligent control systems. The event brings together researchers, academicians, industry professionals, and students to explore advanced intelligent control methodologies and to foster interdisciplinary interaction toward deployable, experimentally grounded engineering solutions.

TOPICS TO BE COVERED

- Foundations of Intelligent Control Systems
- Data-Driven Control: From Primary Data to Stabilization
- Optimization-Driven Control Design and Analysis
- Applications in Intelligent Robotic Systems
- Hands-On System Implementation and Training

CHIEF 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*
Dr. V. S. Kanchana Bhaaskaran - *Vice Chancellor, VIT*
Dr. T. Thyagarajan - *Pro-Vice Chancellor, VIT Chennai*

ORGANIZING MEMBERS

Faculty members - *Department of Mathematics (SAS)*

ADVISORY COMMITTEE

Dr. G. Vinitha - *Professor and Dean-SAS*
Dr. A. Manivannan - *Associate Professor and Head of Mathematics-(SAS)*

KEYNOTE SPEAKERS

Dr. R. Sakthivel
Professor and Head
Department of Applied Mathematics
Bharathiar University, Coimbatore
Tamil Nadu

Dr. Sathish Eswaramoorthy
Senior Software Engineer
Surgical Robotics, Medtronic
Engineering & Innovation Center
Hyderabad

Dr. Soumya Ranjan Mahapatro
Associate Professor
School of Electronics Engineering
Vellore Institute of Technology
Chennai, Tamil Nadu

HOW TO APPLY

Participants are requested to apply online through the link https://ics-2026-12.onrender.com/
The online registration begins on **13ᵗʰ February, 2026**. Please note that filling up contact details is mandatory.

SELECTION OF CANDIDATES

- Participation in the workshop is limited to a fixed **number of seats (25).**
- Candidates will be selected strictly on a first-come, first-served basis, and registrations will be closed once the available seats are filled.
- Interested participants are therefore advised to register at the earliest.

IMPORTANT NOTES

- **No registration fee** will be charged for participation in the workshop.
- **Refreshments and lunch will be provided** to all registered participants.
- **On-spot registration will not be available.**
- Participation certificates will be issued to all attendees who successfully complete the workshop.

IMPORTANT DATES

Last date for receiving online application : **22/02/2026**
Date of publishing the list of selected candidates : **24/02/2026**

ADDRESS FOR COMMUNICATION

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