



# 55<sup>th</sup> ISTE NATIONAL ANNUAL FACULTY CONVENTION

29-30, November 2025

Theme

## Reimagining Education 5.0

Emerging Technology for a Sustainable Future

### Organizing Institution



**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)  
PUDUCHERRY

### Accreditations



**NAAC Accredited Institution**  
with "A" grade (Cycle -1 and 2)



**Eligible UG programmes are Accredited**  
(Cycle -1 and 2)



**NIRF Ranked Institution**  
2024 and 2025



**TCS Accredited Institution**



*A Stimulating Place to Learn and Practice Technology*

Madagadipet, Puducherry

[www.smvec.ac.in](http://www.smvec.ac.in)

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## About ISTE

Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education in the field of engineering and technology registered under the Societies Registration Act of 1860. The organization established in the year 1941 with the motto of Career Development of Engineering Teachers and Personality Development of Students and overall development of our Technical Education System.

The major objective of the ISTE is to provide quality training programmes to the teachers and the administrators of technical institutions. This is enabling to update their knowledge and skills in their fields and lead to the production and development of top-quality professional engineers and technicians needed by the industry and other organisations.

## About the Convention

The Indian Society for Technical Education (ISTE) National Annual Faculty Convention is a yearly event that brings together educators, administrators, and industry professionals across India to discuss the latest trends and best practices in technical education. This year the convention will be organized by **Sri Manakula Vinayagar Engineering College, Puducherry** during **29<sup>th</sup> and 30<sup>th</sup> November 2025**.

Reimagining Education 5.0: Emerging Technology for a Sustainable Future focuses on integrating advanced digital innovations with human values to create a learner-centric, inclusive, and future-ready education ecosystem. Education 5.0 encourages the use of Artificial Intelligence, IoT, Robotics, AR/VR, and Data-Driven Learning while promoting creativity, collaboration, ethical thinking, and environmental responsibility. This theme highlights the shift from traditional instruction to experiential, skill-based, and personalized learning approaches. The convention serves as a platform for educators, researchers, and industry experts to share best practices and explore transformative models that empower learners to contribute meaningfully to a sustainable and technologically progressive society.

## Objectives

- To promote the integration of emerging technologies such as AI, IoT, Robotics, AR/VR, and Data Analytics into teaching–learning processes for enhanced educational outcomes.
- To encourage learner-centric, experiential, and skill-based learning approaches that support creativity, critical thinking, and collaboration.
- To foster digital literacy, ethical awareness, and environmental responsibility among educators and students.
- To explore sustainable, inclusive, and future-ready educational models that align with global education and development goals.
- To provide a platform for educators, researchers, and industry partners to exchange innovative practices, research insights, and collaborative strategies.

## Call for Papers

Technical papers are invited for presentation during 55<sup>th</sup> ISTE National Annual Faculty Convention to be held on 29-30, November 2025 at Sri Manakula Vinayagar Engineering College, Puducherry.

The Papers are invited that address the theme and objectives of “Reimagining Education 5.0: Emerging Technology for a Sustainable Future”.

## Guidelines

- All papers should be written in English and be maximum 6 pages long, including figures and tables. Please use 10-point Times New Roman in IEEE format
- At least one author of each accepted paper must register for the convention by the deadline
- No separate registration fee for paper submission

## Important Dates

Last date for paper submission : 22-11-2025

Intimation of paper acceptance : 24-11-2025

## REIMAGINING EDUCATION 5.0

### EMERGING TECHNOLOGY FOR A SUSTAINABLE FUTURE





## SMVEC - *At a Glance*

Sri Manakula Vinayagar Engineering College (SMVEC), an autonomous institution established in 1999, envisions generating graduates of caliber, competence, and character who contribute meaningfully to technological innovation and societal advancement. All Undergraduate and Postgraduate programmes are approved by the All India Council for Technical Education (AICTE), New Delhi, and affiliated with Pondicherry University. The institution has been accredited by the National Assessment and Accreditation Council (NAAC) in two successive cycles with an 'A' Grade, and all eligible B.Tech. programmes are NBA-accredited in two cycles. In addition, SMVEC holds corporate accreditation from Tata Consultancy Services (TCS) and is a NIRF-ranked institution, reaffirming its commitment to academic excellence and global standards. SMVEC adopts a multidisciplinary approach rooted in Outcome-Based Education (OBE), nurturing students into innovators, entrepreneurs, and leaders. It offers diverse opportunities through global competitions and international certifications to enhance their technical expertise and industry readiness.

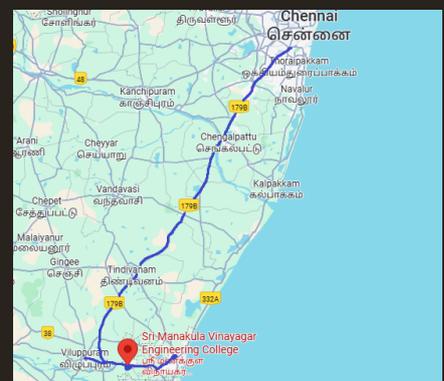
SMVEC established 34 Centres of Excellence and published 225 patents including 121 design patents. National Skill Development Centre (NSDC), New Delhi has identified our Institutions as "Indian Institute of Future Skill" to promote skill-based, industry-integrated learning, fostering global employability and entrepreneurial mindsets among its graduates in aligned with the vision of NSDC.

The institution earned national recognition as an AICTE IDEA Lab Winner 2025 at New Delhi for its outstanding contributions to innovation, creativity, and design thinking.

The campus features state-of-the-art laboratories, digital learning spaces, and advanced Innovation and Research Centres, complemented by Centres of Excellence established in collaboration with leading industry partners. This cutting-edge ecosystem fosters a vibrant culture of innovation, research excellence, and interdisciplinary learning. The Training and Placement Cell cultivates holistic student development through comprehensive career guidance, advanced skill enhancement, and professional grooming, facilitating exceptional placements in prestigious multinational corporations. With its motto as a guiding principle, "A Stimulating Place to Learn and Practice Technology," Sri Manakula Vinayagar Engineering College continues to empower students with technical expertise, ethical values, and leadership qualities, standing as a beacon of national development and global educational distinction.

### TO REACH SMVEC

Villupuram Bus Stand	: 18 km
Villupuram Railway Station	: 15 km
Puducherry Railway Station	: 22 km
Puducherry Bus Stand	: 20 km
Puducherry Airport	: 23 km
Chennai Airport	: 150 km



## Chief Patrons

Shri. M. Dhanasekaran, Founder Chairman, SMVE Trust  
Dr. Pratapsinh K. Desai, President ISTE, New Delhi

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Shri. D. Rajarajan, Treasurer, SMVET

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Dr. T. Jayavarthanam, HoD - Physics, SMVEC  
Dr. S. Savithri, HoD- Chemistry, SMVEC

## Registration

ISTE Member ₹ 500  
Non- ISTE Member ₹ 1000

## Account Details

Account Number 6207986448  
Bank Name Indian Bank  
Branch Madagadipet  
IFSC Code IDIB000M203

## Scan for Registration



## Kindly Contact

### Accommodation

Dr. K. Velmurugan 9585516718  
Dr. J. Pavalavana Pandian 9789119829  
Mr. S. Kumara Krishnan 9943073700

### Transport

Dr. R. Raju 8973005555  
Dr. S. Sundararaman 9597957395  
Dr. S. Balaji 9790283660

## Program schedule

### Date : 29-11-2025

09.15 am - 10.00 am Registration  
10.00 am - 12.00 pm Inaugural Session  
12.00 pm - 12.45 pm Award Distribution  
12.45 pm - 01.30 pm Technical Session I  
01.30 pm - 02.15 pm Lunch  
02.15 pm - 03.00 pm Technical Session II  
03.00 pm - 05.00 pm ISTE National Executive Council Meeting  
05.00 pm - 06.00 pm Annual General Body Meeting  
06.00 pm - 06.30 pm Tea Break  
06.30 pm - 07.30 pm Cultural Program  
07.30 pm Dinner

### Date : 30-11-2025

10.00 am - 12.30 pm Paper presentation and Panel Discussion