

ABOUT THE INSTITUTION

A.V.C. College of Engineering was established in 1996 with a deep commitment to social betterment, and it located along the main highway connecting Mayiladuthurai to Thirukkadaiyur in the Mayiladuthurai District of Tamil Nadu, set within a lush 30.09-acre landscape. The institution provides Eight Undergraduate Programmes and Two Postgraduate Programmes across Engineering, Technology, Management, and Computer Applications. Four of UG programmes namely CSE, EEE, ECE & MECH have been accredited by National Board of Accreditation (NBA) for a duration of three years from 2025 to 2028. Additionally, the institution has earned a grade 'A' accreditation from the National Assessment and Accreditation Council (NAAC) for its third cycle from 2024-2029. Furthermore, this college is certified under ISO 9001:2015 by DNV Netherlands.

ABOUT THE DEPARTMENT

The EEE Department of A.V.C College of Engineering, was established in the year 2011. The main motto of this department is to provide innovative training and education in the latest technological part of Electrical and Electronics Engineering. The department is having well equipped laboratories and have the most dedicated and knowledge oriented faculty members. The department has also signed MoUs with reputed industries for the Industry Institution Interaction. The various Programmes like workshops, seminars and hands on training are organized through MOUs.

CONFERENCE COMMITTEE

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Judge Administrator, A.V.C. Institutions

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Mr. M. Malaiyappan, Director,

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Dr. Abdul Hameed Kalifullah, Professor

National University of Science and Technology,
Sultanate of Oman

A.V.C. College of Engineering

| Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai |

| Accredited by NBA (CSE, EEE, ECE & MECH) & NAAC with 'A' Grade (3rd cycle) |

| An ISO 9001:2015 Certified Institution |



International Conference on Next Generation Engineering and Computational Technology



ICNGECT-2026

4th & 5th March 2026 - Online Mode

Organized by

**Department of Electrical and
Electronics Engineering**

A.V.C. College of Engineering

Mannampandal, Mayiladuthurai,

Mayiladuthurai District

Tamil Nadu, India – 609305.

Website: www.avccengg.net

ABOUT THE CONFERENCE

The International Conference on Next Generation Engineering and Computational Technology (ICNGECT) unites Researchers, Professionals, and Students from diverse fields to explore emerging innovations in Science and Engineering. Focusing on the integration of Computational Intelligence with core Engineering Disciplines, the conference addresses advances in Energy, Mobility, Automation, and Digital systems. ICNGECT offers a Multidisciplinary forum across Engineering, IT, Instrumentation, Sciences, and Humanities, emphasizing Sustainable Development through advanced Computation and Intelligent systems. Highlights include Expert Keynotes, Technical Presentations, Panel Discussions, and Workshops covering areas like AI, Renewable Energy, Smart sensors, Advanced Manufacturing, and Cyber Physical systems bridging Research and Real World impact for the next Generation of Engineering

THRUST AREAS (Not limited to)

- Renewable Energy Systems, Power Electronics, EVs, Automation
- Wireless, VLSI, IoT, Signal Processing
- Robotics, Thermal, Manufacturing, Mobility
- AI, Cybersecurity, HPC, Data Analytics
- Smart Systems, Blockchain, HCI, Digital Tech
- Sensors, Process Control, Biomedical
- Applied Science, Optimization, Sustainability, Innovation

IMPORTANT DATES

Paper Submission Deadline : 19th January 2026

Acceptance Notification: 15th February 2026

Registration Deadline: 20th February 2026

REGISTRATION FEE

Indian Author	1500/- per Paper
Foreign Author	17 USD Dollar / per Paper

- All accepted papers will be published in the International Journal of Advanced Trends in Engineering and Management ISSN: 2583-7052
- Awards: Best Paper Recognition

PAPER SUBMISSION GUIDELINES

- Here is the official conference paper template link:
<https://drive.google.com/drive/folders/1ZrDF9FVGUkE0QPKRQ8WuA-qANw4VJOy3?usp=sharing>
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- Plagiarism level up to 20 %
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- Paper submission Link:
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- Website link:
<https://www.avccengg.net/events/international-conference-on-next-generation-engineering-and-computational-technology>

KEYNOTE SPEAKERS



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