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 Nagapattinam District of Tamilnadu, set within a lush 30.09-acre landscape. The institution provides eight undergraduate programs and two postgraduate programs across Engineering, Technology, Management, and Science fields. Four of these programs have received accreditation from the National Board of Accreditation (NBA) for a duration of three years. Additionally, the institution has earned a grade A accreditation from the National Assessment and Accreditation Council (NAAC) for its third cycle. Furthermore, this college is certified under ISO 9001:2015.

Organizing Committee

Chief Patron

Justice K. VENKATARAMAN
Former Judge, High Court, Madras
Judge – Administrator
A.V.C. College of Engineering

Patrons

Dr. M. SENTHILMURUGAN, MCA., Ph.D
Director

Dr. P. BALASUBRAMANIAN, M.E., Ph.D
Principal
A.V.C. College of Engineering

Convenor

Dr. A. RAVI, M.E., Ph.D.,
Head of the EEE Department
A.V.C. College of Engineering

Coordinator

Mr. M. ALEX, M.E., (Ph.D)
Department of Electrical and Electronics Engineering
A.V.C. College of Engineering

Co-Coordinator

Mr.G.Ashokkumar, M.E., (Ph.D)
Department of Electrical and Electronics Engineering
A.V.C. College of Engineering

A.V.C. COLLEGE OF ENGINEERING

Online AICTE-ATAL FDP on

Autonomous Mobility and Digital Infrastructure for Future Ready Cities

25th -30th August 2025

Organised by

Department of Electrical and Electronics Engineering
A.V.C. College of Engineering
Mannampandal,
Mayiladuthurai – 609305.

About the Department

Being the Youngest Department of A.V.C College of Engineering, it 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 seeking for MoU with reputed industries for the industry institution interaction through workshops and seminars.

About the Programme

The Faculty Development Program (FDP) on "Autonomous Mobility and Digital Infrastructure for Future Ready Cities" aimed to explore key developments in smart city planning, mobility innovations, and urban efficiency solutions. Spanning six days, with 2-3 sessions per day, the program covered advanced topics in technology integration, sustainable urban development, and future-oriented mobility systems. It attracted a diverse audience, including faculty members, researchers, urban planners, and professionals, fostering discussions on cutting-edge solutions and strategies to drive smarter, more efficient cities.

Topic Covered

1. Introduction and Foundations of Smart Cities
   - Evolution of Urbanization and Smart Cities
   - Key Technologies Driving Smart Cities
2. Smart Mobility Solutions
   - Smart Transportation Systems and Infrastructure
   - Electric and Autonomous Vehicles
3. Enhancing Urban Efficiency
   - Urban Energy Management for Smart Cities
   - Sustainable Building Technologies
4. Policy, Governance, and Citizen Engagement
   - Governance Models for Smart Cities
   - Citizen-Centric Smart City Solutions
5. Sustainability and Climate Resilience
   - Environmental Sustainability in Smart Cities
   - Smart Waste and Water Management Systems
6. Future Trends and Innovations
   - Emerging Technologies in Smart Mobility
   - Future Challenges and Opportunities in Smart Cities

Recourse Person

Eminent industry experts from India and abroad, along with experienced academic professors, bring a perfect blend of practical insights and academic excellence

Registration Details

1. There is **no Registration fee** for the FDP.
2. The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, CBSE Teachers, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions.
3. Participants will be selected on first come first serve basis.
4. Selected candidates will be intimated by E-mail.

Online Registration Link

https://www.aicte-india.org/atal

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