A.V.C. COLLEGE OF ENGINEERING

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Mannampandal,MayiladuthuraiDistrict,Tamilnadu-609305

ESTD:1996

DEPARTMENT OF ARTIFICIALINTELLIGENCE AND DATASCIENCE

The Department of Artificial Intelligence and Data Science of A.V.C. College of Engineering organized the **Inaugural Ceremony of the IETE Students' Chapter** on 22 July 2026 at 11.00 AM in the Seminar Hall. The programme aimed to encourage students to enhance their technical knowledge, develop professional skills, and actively participate in technical activities related to electronics, communication, and emerging technologies.

The programme commenced with the **Tamil Thai Vazhthu**, followed by the traditional lighting of the kuthuvilakku.

Selvi. K. Dharshini of III Year AI&DS delivered the welcome address and extended a warm welcome to the dignitaries, faculty members, and students.

Dr. P. Balasubramanian, Principal, A.V.C. College of Engineering, delivered the presidential address and highlighted the importance of technical education, professional development, and student participation in professional societies.

Mr. V. Satheesh Kumar, Assistant Professor, Department of AI&DS and IETE Department Coordinator, introduced the IETE Students' Chapter and explained its significance in promoting technical learning, innovation, collaborative activities, and professional growth among students.

The Chief Guest, **Dr. R. Manoharan, Professor of Computer Science and Engineering, Puducherry Technological University, Puducherry**, addressed the gathering. His address focused on the importance of technical knowledge, continuous learning, innovation, and active involvement in professional activities to prepare students for emerging technological challenges.

The programme also included the honouring of the Chief Guest as a mark of respect and appreciation**. Selvi. A. Jumana Farvin** of III Year AI&DS delivered the vote of thanks, expressing gratitude to the management, Principal, Chief Guest, HOD, faculty members, organizers, and students for their support and participation.

The programme concluded with the National Anthem.


PRINCIPAL
CHIEF GUEST
DIRECTOR


PRINCIPAL
CHIEF GUEST
DIRECTOR


A.V.C. COLLEGE OF ENGINEERING
IETE STUDENTS' CHAPTER



Brief Bio-data of Chief Guest

Name: Dr. R. Manoharan
Professor of CSE
(Former HoD/CSE)
Puducherry Technological University
Puducherry – 605 014.

Contact Details:

- Email: rmanoharan@ptuniv.edu.in
- Mobile: 9443468480

Qualifications:

- M.Tech. (CSE) in 1997, Pondicherry University
- Ph.D. (CSE) in 2007, Pondicherry University

Experience:

- Professor of CSE, Puducherry Technological University, Puducherry
- 24 + 7 years of experience in Teaching and Academics
- 4 years of Industrial experience

Research Area:

- Software Defined Networks
- Network Security
- Internet Technologies
- Blockchain
- Machine Learning

Research Guidance:

- 5 Ph.D. scholars in CSE
- 5 Ph.D. scholars completed

Organized and Conducted:

- 2 AICTE-sponsored FDP Training programmes
- One TEQIP-sponsored STTP
- One AICTE-sponsored National Conference
- One TEQIP-sponsored International Conference

Publications:

- 60 International Journals and Conferences

Other:

- Involved in consultancy works for the Government of Puducherry
- Member of technical committees for GoP

Recent Publications Since 2020

[1] Bala, R. and R. Manoharan. "Enhanced Bitcoin Protocol with Effective Block Creation and Verification by Trusted Miners," *EAI Endorsed Transactions on Scalable Information Systems*, Vol. 7, No. 27, pp. 1–8, March 2020. (ESCI/Scopus, 1.98)

[2] Nagadivya, S. and R. Manoharan. "Prediction Based Energy Efficient Opportunistic Routing Protocol in Wireless Sensor Networks," *International Journal of Communication Networks and Distributed Systems*, Inderscience, Vol. 25, No. 4, pp. 414–432, May 2020. (ESCI/Scopus, 1.31, Q3)

[3] G. Ramya and R. Manoharan. "Prediction Based Dynamic Controller Placement in SDN," *EAI Endorsed Transactions on Scalable Information Systems*, Vol. 8, No. 32, pp. 1–14, April 2021. (ESCI/Scopus, 1.98)

[4] R. Shalini and R. Manoharan. "Trust Model for Effective Consensus in Blockchain," *EAI Endorsed Transactions on Scalable Information Systems*, Vol. 9, No. 5, pp. 1–8, February 2022. (ESCI/Scopus, 1.98)

[5] R. Bala and R. Manoharan. "Trusted Consensus Protocol for Blockchain Networks Based on Fuzzy Inference System," *The Journal of Supercomputing*, Springer, Vol. 78, No. 15, pp. 16951–16974, May 2022. (SCI/Scopus, 2.557, Q2)

[6] G. Ramya and R. Manoharan. "Traffic-Aware Dynamic Controller Placement in SDN Using NFV," *The Journal of Supercomputing*, Springer, Vol. 79, No. 2, pp. 2082–2107, August 2022. (SCI/Scopus, 2.557, Q2)

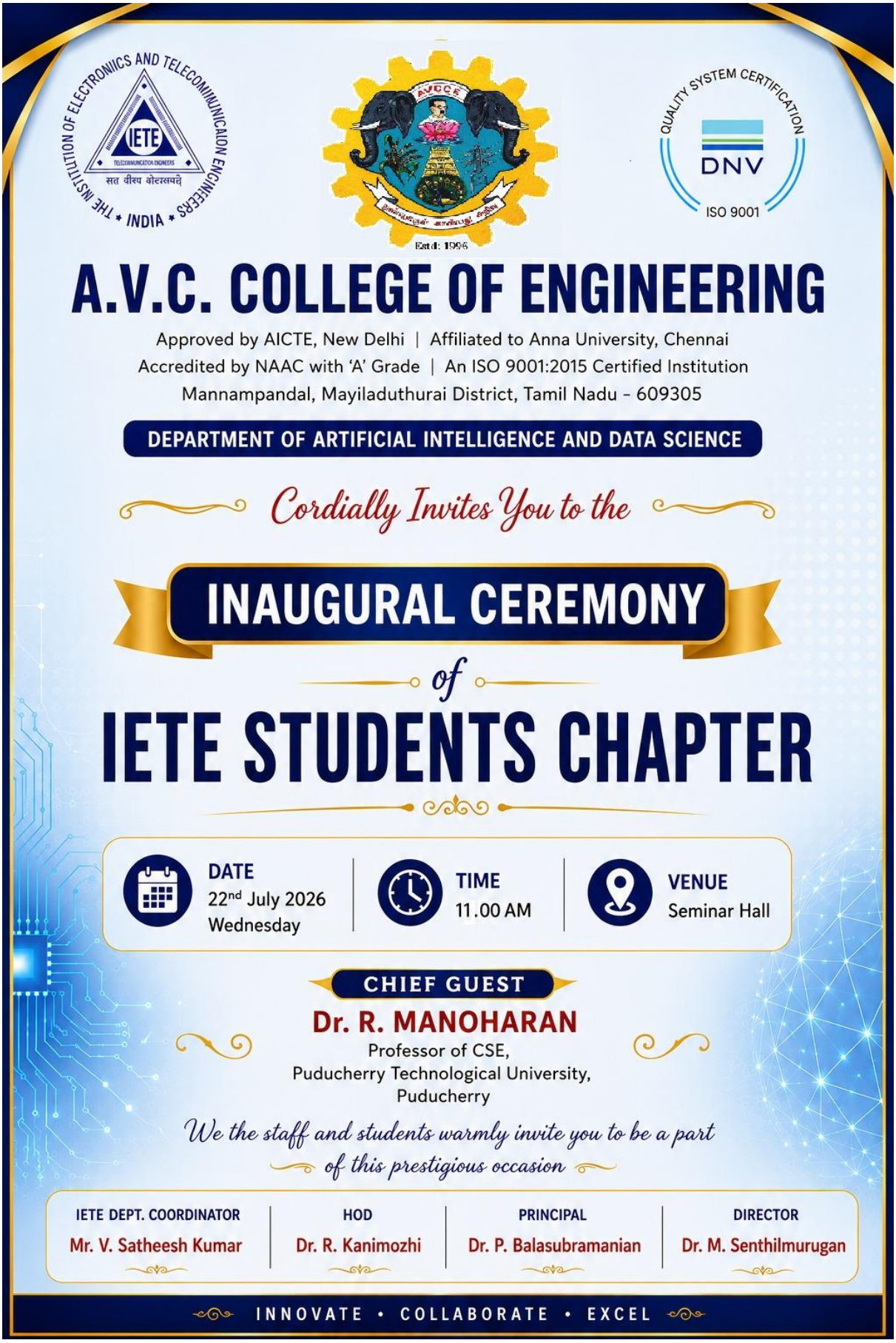
[7] G. Ramya and R. Manoharan. "Enhanced Optimal Placements of Multi-Controllers in SDN," *Journal of Ambient Intelligence and Humanized Computing*, Springer, Vol. 12, No. 1, pp. 8187–8204, September 2020. (SCIE/Scopus, 3.662, Q1)

[8] S. Nagadivya and R. Manoharan. "Grey Prediction-Based Energy-Aware Opportunistic Routing in WSN," *International Journal of Communication Networks and Distributed Systems*, Inderscience, Vol. 29, No. 1, pp. 95–111, November 2022. (ESCI/Scopus, 1.31, Q3)

International Conferences

[1] R. Bala and R. Manoharan. "Blockchain-Based Secure and Effective Authentication Mechanism for 5G Networks," *IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS)*, pp. 1–6, September 2022.

[2] Puppula N. Sravanthi and R. Manoharan. "Trust Model to Identify Reputed Miners in Blockchain Pool Mining," *IEEE International Conference on Signal Processing, Computation, Electronics Power and Telecommunications*, pp. 1–10, NITP, May 2023.


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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Cordially Invites You to the
INAUGURAL CEREMONY
of
IETE STUDENTS CHAPTER
DATE
22nd July 2026
Wednesday
TIME
11.00 AM
VENUE
Seminar Hall
CHIEF GUEST
Dr. R. MANOHARAN
Professor of CSE,
Puducherry Technological University,
Puducherry
We the staff and students warmly invite you to be a part
of this prestigious occasion
IETE DEPT. COORDINATOR
Mr. V. Satheesh Kumar
HOD
Dr. R. Kanimozhi
PRINCIPAL
Dr. P. Balasubramanian
DIRECTOR
Dr. M. Senthilmurugan
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

IETE STUDENTS' CHAPTER

Inaugural Ceremony

DATE
22nd July 2026
Wednesday

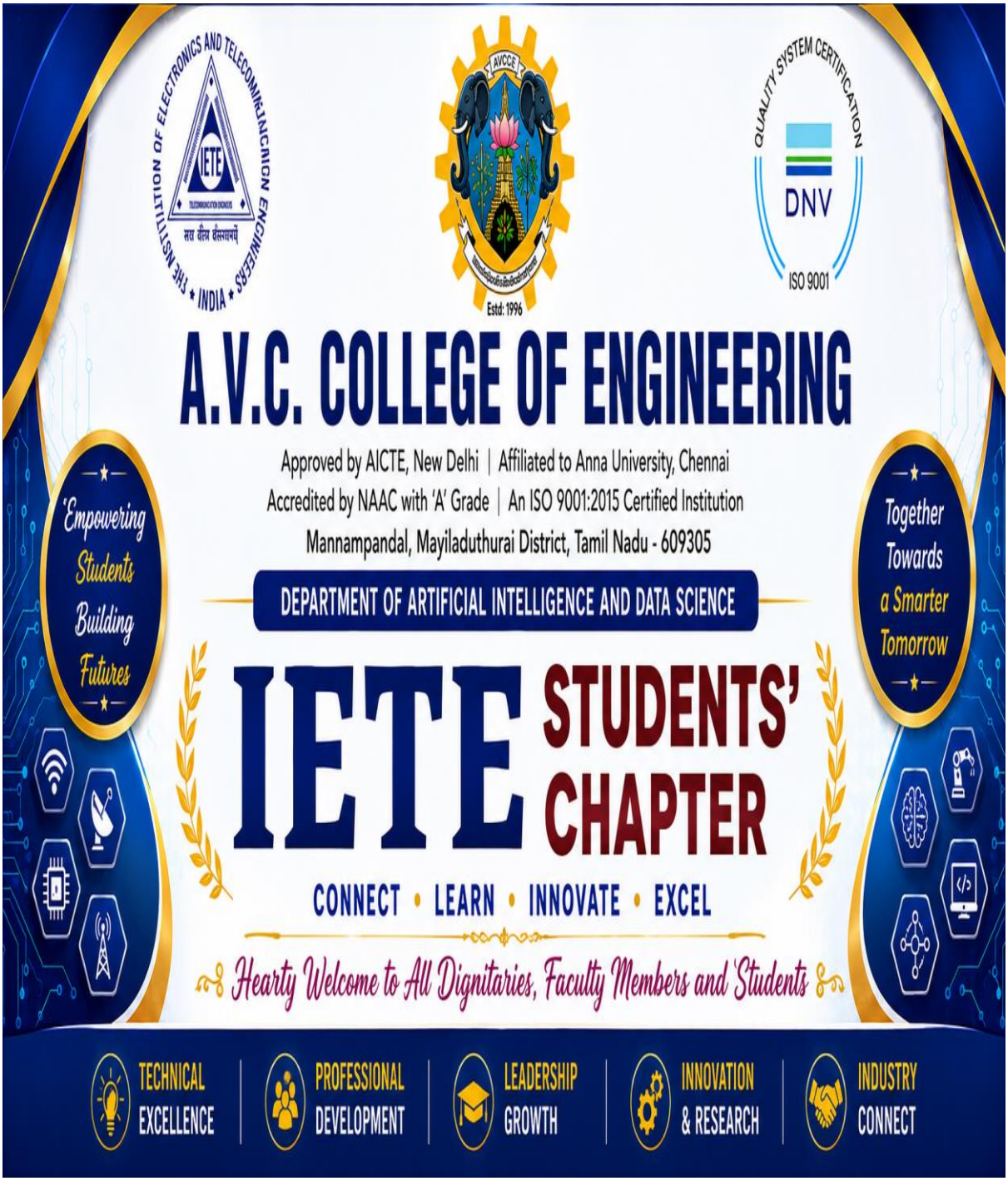
TIME
10.00 AM

VENUE
Seminar Hall

PROGRAMME SCHEDULE

10:00 AM	Tamil Thai Vazhthu
10:03 AM	Lighting of the Kuthuvilakku
10:05 AM	Welcome Address **Selvi. A. Muthu Yegammai** *(II Year AI&DS, A.V.C. College of Engineering)*
10:10 AM	Honouring the Chief Guest
10:15 AM	Presidential Address **Dr. P. Balasubramanian** *(Principal, A.V.C. College of Engineering)*
10:20 AM	About IETE Students' Chapter **Mr. V. Satheesh Kumar** *(AP/AI&DS, A.V.C. College of Engineering)*
10:30 AM	Chief Guest Address **Dr. R. Manoharan** *(Professor of CSE, Puducherry Technological University, Puducherry)*
10:45 AM	Vote of Thanks **Selvi. K.A. Masyouna Thalqeen** *(III Year AI&DS, A.V.C. College of Engineering)*
10:50 AM	National Anthem

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Empowering Students Building Futures
Together Towards a Smarter Tomorrow
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CONNECT • LEARN • INNOVATE • EXCEL
Hearty Welcome to All Dignitaries, Faculty Members and Students
TECHNICAL EXCELLENCE
PROFESSIONAL DEVELOPMENT
LEADERSHIP GROWTH
INNOVATION & RESEARCH
INDUSTRY CONNECT