

AICTE Sponsored Three Days International Conference on “Research, Development and Challenges in Exploring AI, Quantum Computing and Cyber security Synergies in Defense Systems” (RDCAIQCCD-2026)

Date: 25.02.2026 to 27.02.2026

Organized by

Department of Electronics and Communication Engineering

KEYNOTE SPEAKERS



Dr. Fong Lee Ng
Senior Lecturer
Taylor's University,
Malaysia



Prof. Abid Yahya
Professor, BIUST,
Palapye Botswana



Dr. Nallammai A/P Singaram
Senior Lecturer,
School of Biosciences, Faculty of Health &
Medical Sciences, Malaysia



Dr. T. Veerakumar
Associate Professor & Head, Department of
Electronics and Communication Engineering,
NIT, Goa



Dr. S. Chidambaram
Associate Professor/ECE
Christ University,
Bangalore



Dr. MG. Jibukumar
Professor, School of Engineering, Cochin
University of Science and Technology
Kochi, Kerala



Dr. A. N. Duraivel
Associate Professor/ECE,
Kings Engineering College,
Sriperumbudur



Dr. S. Lokesh
Professor/AIDS,
PSG Institute of Technology and
Applied Research, Coimbatore



Dr. S. Vairaprakash
Associate Professor/ECE,
Ramco Institute of Technology,
Virudhu Nagar

IMPORTANT DATES

- Full Length Paper Submission - 24.01.2026
- Acceptance Notification - 06.02.2026
- Last Date of Registration - 14.02.2026

MORE DETAILS

<http://www.hit.edu.in>

VENUE

HITECH A/C Seminar Hall – Nila Hall,
Hindusthan Institute of Technology
Coimbatore – 641 032, Tamil Nadu, India

ABOUT THE COLLEGE

Hindusthan Institute of Technology is one of the leading Engineering Colleges imparting qualities Technical Education to the aspirants from Tamilnadu and other neighboring states. It is run by Hindusthan Educational and Charitable Trust under the leadership of Sri.T.S.R.Khannaiyann and Smt. T.R.K Sarasuwathi. The Institution was established in the year 2007 and is affiliated to Anna University Chennai. The Institution is well known for its high educational standards with excellent infrastructures and state of art laboratories, spread over 200 acres and is located on the Coimbatore. The Institution currently offers 7 UG and 3 PG programme. The Institution is accredited by NAAC with 'A' grade since 2016 and certified by ISO 9001-2015 standards. The institution has received Autonomous status from UGC, New Delhi from the Academic Year 2020 – 2021. Five of our departments namely Aeronautical Engineering, Computer Science and Engineering, Information Technology, Electronics and Communication Engineering and Mechanical Engineering are accredited by National Board of Accreditation since 2018. Our institute received 5 star rating by Institute Innovation Council, Ministry of Education for organizing various innovation and Entrepreneurship related activities. Our institute falls under Band B grade in ARIIA Ranking 2020.



ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 2007 with vision to develop Centre of Excellence in the wide area of Electronics & Communication Engineering Field and to promote innovative research and development. The department has well equipped laboratories with latest simulation Software and eminent faculty member with good academic records. Our Department got Research Centre Recognition from Centre for Research Anna University Chennai. Under R&D many students doing their project in our department itself.

THEME OF CONFERENCE

The other thrust area of this conference is applications of AI, Quantum Computing and Cybersecurity Synergies in Défense Systems. The topics of the workshop include, but are not limited to, the following areas:

- Emerging Technologies in AI, Quantum Computing and Cybersecurity
- Deep Learning and Neural Networks
- Recent Developments in Large Language Models (LLMs)
- Emergence of Quantum Computing
- Challenges and risks of AI in Cybersecurity
- AI vs Human Intelligence in Cybersecurity
- Future trends and predictions in AI Cybersecurity
- A Breakdown Of Military Applications of AI and The Benefits Of Artificial Intelligence In The Military
- Strategic Decision Making, Data Processing And Research
- Applications of AI in defense sector
- Advanced AI/ML models, Predictive Analytics
- Digital forensics, Applications of quantum computing in optimization problems
- Quantum Algorithms, Circuits and Architectures
- Quantum cryptography and security applications
- Quantum machine learning and AI
- Deep Learning, reinforcement learning, and neural networks
- Natural Language Processing, computer vision, and speech recognition
- AI for quantum system optimization and control
- Hybrid systems integrating AI and quantum resources
- Computational complexity in quantum and AI systems

PAPER SUBMISSION

Soft copy of full length paper with maximum of 6 pages are required to be submitted in Camera Ready form in IEEE double column format. The template for paper submissions is available on website: <http://www.hit.edu.in/>. It can also be download from www.hit.edu.in The paper will be submitted online using this mail rdcaiqccd@gmail.com Any clarification may please be addressed using email: rdcaiqccd@gmail.com.

REGISTRATION FEES

	Indian Author	Foreign Author
Student (UG / PG /Ph.D.)	Rs. 500 (Maximum 2 authors) Rs. 200 for additional authors	11 USD
Academician / Industry	Rs. 1000	24 USD
Listener	Rs. 500	6 USD
Publication	Additional charges applicable based on journals	

CONVENER

Dr.B.Paulchamy,
Professor & Head,
Department of ECE,
8248126472

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Professor, GLA University Mathura, India

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Othakkalmandapam Coimbatore-641 032

FOR COMMUNICATION...

The Coordinator-(RDCAIQCCD-2026)

 **Dr.K.Mahendran,**
Associate Professor,
Department of ECE

 **9976064001**

 **dr.mahendran.k@hit.edu.in**

 **rdcaiqccd@gmail.com**