Paper Submission Eligibility

Contributions from Faculty / Researchers / Students describing their original, unpublished, research that is not currently under review by another conference or journal are invited to send their work.

Authors are requested to submit a plagiarism report using Ithenticate / Turnitin. Plagiarism should be less than **20%** to qualify the paper to be reviewed

Publication

Accepted Papers will be published in conference proceedings with ISBN number and selected peer-reviewed papers will be published in Scopus Indexed Journal.

The selected research papers presented at AIHTEI 2024 will be published in the Scopus indexed journals based on the applicable publication fee.

Mode of Conduction

Hybrid Mode

The sessions of conference will be conducted at ECE Smart Classroom, Erode Sengunthar Engineering College. For online presentation, Google meet Link will be send to the participants.

Registration

The participants can choose their mode of presentation by clearly indicating the same while submitting their paper.

Registration Fee

Students (U.G & P.G)	:	**Rs. 500/-**
Faculty / Research Scholar	:	**Rs. 1000/-**
Delicates from Industry	:	**Rs. 1500/-**
Foreign Delicates	:	**$ 40**

Registration Link

Submit original and previously unpublished papers to

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R. Satheesh, Senior Scientist, ISRO, Bangalore

A. Velmurugan, Senior Vice President, Reliance Comm. Mumbai

Important Dates

Last date for Registration	:	**20.07.2024**
Intimation for Selection	:	**24.07.2024**
Last day for payment of fee	:	**31.07.2024**

Address for Communication

The Convener, Department of ECE, Erode Sengunthar Engineering College, Thudupathi (P.O), Erode - 638 057, Tamilnadu.
Tel : 04294-232701, 232704
Email : aihtei2k24@esec.ac.in

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About Erode Sengunthar Engineering College

Erode Sengunthar Engineering College, Approved by AICTE, New Delhi and permanently affiliated to Anna University, Chennai and an Autonomous Institution was established in the year 1996 for the upliftment of urban and rural youth by the philanthropic visionaries of Erode Sengunthar Educational Trust. UGC has concered the Autonomous status to the Institution for 10 years from 2019 to 2029 based on the successful and effective functioning. National Assessment and Accreditation Council (NAAC – UGC) has awarded A grade accreditation status. The college offers Eighteen UG programmes in Engineering and Eight PG programmes in M.E. Environmental Engineering, M.E. Computer Science and Engineering, M.E. Manufacturing Engineering, M.E. Power Electronics and Drives, M.E. Applied Electronics, M.E. Structural Engineering, M.C.A and M.B.A. It has full-fledged infrastructure furnished in all aspects. The institution is known for strict academic discipline and standards and is one of the best run institutions in this part of Tamilnadu. It is also well-connected by the bus routes from Erode (25km), Coimbatore (80 km) and Salem (80 km). The nearest airports are located at Coimbatore and Salem.

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The Department of Electronics and Communication Engineering was started in the year 2000. It offers UG programme (B.E.) in Electronics and Communication Engineering and PG Programme (M.E.) in Applied Electronics. The Department has also been recognized as a centre for carrying out PhD programme under Anna university. The Department has been accredited by NBA for its quality education and state of art equipment facilities. It has good infrastructural facilities with well experienced and dedicated team of faculty members.

The Department has signed MoU with various companies and has collaboration in Research & development / Student Projects / Consultancy works. The Department organizes National level Students Technical symposia and Project Exhibition every year.

About the Conference

The AI-driven Innovations in Healthcare, Tele-communications, Energy, and Industrial Sectors conference is poised to be a groundbreaking event at the intersection of artificial intelligence (AI) and crucial sectors driving global progress. This conference serves as a platform for experts, researchers, industry leaders, and policymakers to converge and explore the transformative potential of AI across diverse industries.

Conference Objectives

◈ Facilitate knowledge sharing and collaboration among stakeholders from academia, industry, and government sectors. Showcase innovative AI-driven solutions and applications transforming healthcare, telecommunications, energy, and industrial sectors.

◈ Explore challenges, opportunities, and ethical considerations associated with AI adoption in various industries.

◈ Provide networking opportunities for participants to forge partnerships and collaborations for future endeavors.

◈ Inspire and educate attendees about the potential of AI to drive innovation and solve complex problems in real-world scenarios.

Key Themes

Healthcare :

◈ AI in medical diagnostics and imaging

◈ Predictive analytics for patient care and outcomes

◈ Telemedicine and remote healthcare solutions

◈ Drug discovery and personalized medicine advancements

Telecommunications :

◈ AI-driven network optimization and management

◈ Customer service automation using AI chatbots

◈ Cybersecurity solutions powered by AI

◈ Predictive maintenance for telecom infrastructure

Energy :

◈ Smart grid optimization and energy management with AI

◈ Integration of renewable energy sources using AI algorithms

◈ Energy efficiency enhancements through AI-driven solutions

◈ Predictive maintenance for energy systems and equipment

Industrial Sectors :

◈ AI-enabled process optimization in manufacturing

◈ Supply chain management and logistics optimization using AI

◈ Predictive maintenance for industrial machinery and equipment

◈ Quality control and defect detection with AI and machine learning.

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