IEEE

3rd Call for Paper

3rd International Conference on

Artificial Intelligence & Machine Learning Applications

IEEE Conference No. #63829
ISBN : 979-8-3315-3897-2

ELSEVIER Scopus

Theme

Healthcare and Internet of Things

April 29-30, 2025

School of Electrical Sciences and Computer Sciences

Department of Computer Science

K.S.RANGASAMY
COLLEGE OF TECHNOLOGY
Autonomous | Tiruchengode

Tamil Nadu, India

EAST CAROLINA
UNIVERSITY

Greenville, North Carolina, USA

About the Institution

K.S.Rangasamy College of Technology (Autonomous) is one of the leading Institutions in Tamil Nadu, India and is keen on catering to the technical education needs of the rural students in the country. The institution strongly believes that science and technology should solve social issues. The Institution was started in 1994 and conferred Autonomous status in 2007.

Highlights
Accredited by NAAC A++ (2023 to 2028) Score: 3.56 | 8 UG Programmes and 1 PG Programme accredited by NBA under Tier-I Category | Recognized under Section 2(f) and 12B Status by UGC | NIRF Rankings: Ranked 99 (2017); 101-150 (2018); Innovation Rank Band 51-100 (2023); Engineering Rank Band: 201-300 (2024) | QS I-Gauge Rank Diamond | Anna University approved Research Centre for 20 Departments | IPR awards from Anna University twice

Research Eco System
NTTM – 8.48+ Crores | DBT-STAR College | M.Tech. – Biotech, sponsored by DBT | DST-FIST sponsored Institution | TNSCST IPR Nodal Centre

Start-up EcoSystem
MSME sponsored Incubator | Atal Community Innovation Centre supported by AIM / NITI Aayog | AICTE - IDEA Lab

Vision

To produce the most competent Scientists, Engineers, Technologists, Entrepreneurs, Managers and Researchers through quality Education.

Mission

To achieve academic excellence in Science, Engineering, Technology, Management and Research through objective and innovative teaching methods; dedicated and duty conscious faculty; continual and consistent updation of facilities; welfare and quality improvement of the faculty and a system of continual process improvement.

About School of Electrical and Computer Sciences

The School of Electrical Sciences includes the Departments of Electrical & Electronics Engineering (EEE), Electronics & Communication Engineering (ECE), and Electronics Engineering (VLSI Design and Technology). Established in 1994, the EEE and ECE departments have NBA Tier I accreditation and recognition as research centers by Anna University. They excel in producing skilled professionals in power systems, electronics, communication, and VLSI design.

The School of Computer Sciences comprises the Departments of Computer Science and Engineering, Information Technology, Computer Science and Business Systems, Artificial Intelligence and Data Science, and Artificial Intelligence and Machine Learning. These departments emphasize cutting-edge technologies like IoT, machine learning, deep learning, and AR/VR, with industry partnerships and state-of-the-art laboratories. Programs are designed to foster innovation, entrepreneurship, and professional excellence, preparing students for dynamic global challenges.

With NBA-accredited programs, research initiatives, and dedicated faculty, we nurture professionals ready to make meaningful contributions to society.

About the Conference

This Third International conference on Artificial Intelligence and Machine Learning Applications (AIMLA 2025) brings together Academicians, researchers and data analysts to facilitate the adoption of Artificial Intelligence and machine learning technologies. Most of the organizations around the globe have embarked themselves in a journey of digital transformation. They are successful only to a certain extent and there is long way to travel in this journey. AI/ML applications bring about the convergence of analytics, data science and automation that accelerate successful digital transformations.

Artificial Intelligence and Machine Learning are to reach unforeseen levels of accuracy and efficiency and it is necessary to promote research on AI and ML seen as functions of data-driven innovation and digital transformation. This conference is a dream realized to provide such a platform that bridges the existing gap and serves as a hub for researchers and innovators across disciplines to present their work, share their knowledge and exchange ideas.This conference is jointly organized by Department of Electronics and Communication Engineering, Electrical and Electronics Engineering, Computer Science Engineering and Information Technology of KSRCT.

Conference Focus Areas

The Conference topics include (but are not limited to)

- Adaptive Modelling / Neuroscience
- AI in Agriculture
- AI for Assisted Living
- AI in Biomedical Applications
- Augmented / Virtual reality
- Automated Machine Learning
- Bayesian Learning
- Biometrics
- Clustering
- Computational Linguistics
- Computer Vision
- Convolutional NN
- Data mining
- Deep Learning
- Drones
- Expert Systems
- Explainable Machine Learning
- Health Care
- Information Retrieval
- Internet of Things
- Knowledge based systems
- Machine Learning
- Machine Learning Approaches for Handling Incomplete Data
- Natural Language Processing
- Probabilistic Graphical Models
- Reinforcement Learning
- Robotics
- Sentiment analysis
- Smart Blockchain Applications / Cybersecurity
- Social Network Analysis
- Software and hardware architecture
- Trustworthy Machine Learning
- Web intelligence Applications and Search

Important Dates

Full Paper Submission : 20 - Mar - 2025

Notification of Acceptance : 03 - Apr - 2025

Camera Ready Paper Submission : 17 - Apr - 2025

Registration fee

For IEEE Members

Foreign Authors : $200 USD

Students & Research Scholars : Rs. 8000 /-

Academicians and Industry persons : Rs. 9000 /-

For Non-IEEE Members

Foreign Authors : $230 USD

Students & Research Scholars : Rs. 10,000 /-

Academicians and Industry persons : Rs. 12,000 /-

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www.eceksrct.net/aimla2025

Keynote Speaker

Prof. Nilton Correia da Silva,
Artificial Intelligence Laboratory (AILAB) - Co-ordinator
University of Brasília - UnB
Brasília, Brazil

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