

4TH INTERNATIONAL CONFERENCE ON EDGE COMPUTING AND APPLICATIONS

ICECAA-2026

4-5, DECEMBER 2026



ORGANIZED BY



TECHNICAL SPONSOR



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ABOUT- ICECAA 2025

In this 21st century, computing and communication technologies collectively played a major role in human lives. In today's technology-driven world, edge computing is the cornerstone and driver of innovation of the mobile devices we utilize daily to improve our quality of life. Hence, the 4th International Conference on Edge Computing and Applications aims to become a solicited venue for both researchers and industry practitioners to discuss about the state of the art research advances in edge computing, designing and developing context-aware, location-sensitive, intelligent, and real-time applications. This conference also encourages submissions on diverse technical directions with applications in e-health, smart cities, smart supply chain, automation, and related computing and networking environments. The 4th International Conference on Edge Computing and Applications is themed on "Virtualized Networks and Future of Computing". This conference invites novel research contributions that address all aspects related to edge computing technology and applications.

ABOUT - GNANAMANI COLLEGE OF TECHNOLOGY

Gnanamani Educational Institutions are run by two legendary visionaries, Dr. T. Arangannal and Mrs. P. Malaleena, whose dedication to education has shaped the institution's identity and direction. At the forefront is Dr. T. Arangannal, Chairman, a distinguished leader, who has been a driving force behind the institution's evolution. A recipient of the Rashtriya Vidya Saraswati Puraskar and an honorary Doctorate from the University of Sri Lanka, Dr. Arangannal is widely revered for his lifelong contributions to the field of education. His visionary leadership has cultivated a culture of excellence, discipline, and innovation across all levels of the institution. Mrs. P. Malaleena, Chairperson, whose unwavering commitment and strategic foresight have been instrumental in establishing the institution's strong ethical and academic foundations. Her focus on student-centered learning and inclusive growth continues to define its mission, vision, and core values. The leadership team also includes Ms. Madhuvanthinie Arangannal, Vice-Chairperson, who brings a contemporary vision and strategic insight to the institution's development. Her dynamic leadership focuses on aligning the institution with global academic standards and fostering innovation in education. Operational administration is efficiently managed by Dr. P. Premkumar, Chief Administrative Officer, whose expertise in institutional management and policy implementation ensures the smooth functioning of all academic and support services. His strategic leadership plays a vital role in sustaining and enhancing the institution's quality standards.

KEYNOTE SPEAKER

Prof. Alexandru TUGUI
"Al. I. Cuza" University Iasi,
Faculty of Economy and Business
Administration,
Romania.

Dr. Brij B. Gupta
Senior Member, IEEE, ACM
Editor-in-chief, Sustainable Technology and
Entrepreneurship (STE) Journal, Elsevier
Director, International Center for AI and Cyber
Security Research and Innovations
& Distinguished Professor, Asia University,
Taiwan

Dr. Vinod Singh Yadav
National Institute of Technology Uttarakhand,
Uttarakhand, India.

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CALL FOR PAPERS

Track – 1

- ◆ Novel Edge Computing Architectures
- ◆ Autonomous Systems and Predictive Maintenance
- ◆ Virtualized Networks and 5G Domain
- ◆ Edge Access Networks & Systems
- ◆ Artificial Intelligence Enabled Edge Computing Models
- ◆ Security, Privacy and trust in Edge Computing
- ◆ QoS & QoE in Edge Computing Services
- ◆ Mobile Edge and Collaborative Computing Practices
- ◆ Soft Computing for Edge Computing Models
- ◆ Resource Allocation in Edge Computing Architecture
- ◆ Offloading Strategies in Edge-Aware Applications
- ◆ Edge handoff mechanisms and strategies
- ◆ Protocols and Architectures for Data-Centric Wireless Edge Networking

Track – 2

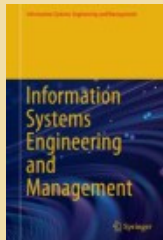
- ◆ Edge Computing for Scalable Smart City Applications
- ◆ Edge Computing for Assistance and Mobile Services
- ◆ Location Aware/Energy Efficient Solutions
- ◆ Edge Computing for vehicular clouds
- ◆ Edge Computing for Futuristic Technologies
- ◆ Edge Computing in 5G/6G Networks
- ◆ Edge Driven Industry5.0 and Autonomous Systems
- ◆ Edge Computing Driven Remote Monitoring Platforms
- ◆ Small-Scale Low-Power Edge Devices
- ◆ High-Performance Edge Computing for Big Data
- ◆ Performance Assessment and Evaluation Models
- ◆ Smart Edge IoT Devices and Applications
- ◆ Edge processing for biomedical and human-machine interaction

REGISTRATION FEE

Category	Participant Type	Fee
Indian Participants (INR)	Authors	10,000 INR
Indian Participants (INR)	Listeners	8,000 INR
Foreign Participants (USD)	Authors	180 USD
Foreign Participants (USD)	Listeners	130 USD

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All papers must be novel and not simultaneously submitted to another conference/journal. All the manuscripts should be submitted via conference Email iceconfdesk@gmail.com in DOCX (WORD)/PDF format as per the format. Maximum number of pages allowed will be 6-8. Authors should ensure that the similarity score of their research paper is not above 15%. Manuscripts having a similarity score more than 10% shall not be processed.