



7th International Conference on Inventive Research in Computing Applications



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Organized by
RVS College of Engineering and Technology
Coimbatore, India



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY
Kumaran Kottam Campus, Kannampalayam Post, Coimbatore - 641402
Accredited by NAAC A+ | AICTE, New Delhi | Affiliated to Anna University, Chennai



About ICIRCA 2026

The 7th International Conference on Inventive Research in Computing Applications (ICIRCA 2026) aims to bring together researchers, academicians, industry professionals, and experts to present and discuss the latest innovations, trends, and challenges in the field of computing applications. This year's conference centres on the theme of "Awareness Computing (AC) and Cybersecurity", reflecting the increasing need for intelligent systems that are capable of situational awareness and adaptive decision-making to face the ever-evolving cybersecurity threats. Awareness Computing (AC) integrates cognitive, perceptive, and self-regulative capabilities into computing systems to detect and respond to diverse real-world environments. The conference will explore the intersection of AC with cybersecurity, enabling discussions on how these systems can safeguard digital assets, ensure privacy, and build resilient infrastructures. The conference event includes insightful keynote speeches, paper presentations, and inter sessions addressing the critical research issues and promoting the research works on computing and security.

Call for papers

Track-1:



- Context-based modeling, adaptation and personalization
- Location-aware computing techniques and applications
- Situation recognition and situation-based decision-making
- User-aware computing, modeling and profiling
- Emotion detection and recognition
- Social network analysis and modeling
- Physical context sensing, manipulation and perception
- Human computer interaction with cognitive aware computing
- Multimodal awareness with contextual interpretation and reasoning

Track-2:

- Lightweight and secure communication protocols for IoT devices
- Machine learning for malware detection and classification
- Deep learning and Explainable AI for network intrusion detection and decision making
- Awareness-based threat intelligence and analysis
- Context-sensitive authorization and authentication
- Privacy-enhancing techniques for data collection and analysis
- Risk-based access control techniques
- Federated learning and Differential Privacy Techniques
- Explainability and transparency of AI-driven security decisions

Manuscript Submission

Submission of papers should be directed to the following address:

 icirca.conf@gmail.com
 <https://icirca18.com/2026/submission.html>

Venue

RVS College of Engineering and Technology,
Kumaran Kottam Campus,
Kannampalayam Post,
Trichy Main Road,
Coimbatore - 641402,
Tamilnadu, India.

About RVSCET

RVSCET approved by AICTE and affiliated to the Anna University, Chennai is marching towards a new era in education was established in the year 2007 by our Chairman Dr. K. V. KUPUSAMY and the college has attained the role of "Holistic Education" right from the start. The college is located 14 kms away from the cotton city of Tamilnadu, Coimbatore, spread over a sprawling campus area of 200 acres bordered by the serene beauty of Southern India. RVS is well connected by buses moving to various places in propinquity. RVS is attaining eminence as the favorite target for Engineering Education, for its immaculate infrastructure, outfitted with the best of facilities over a rambling campus area. The various courses offered are B.E. (CSE, ECE, EEE and MECH, MECHANICAL & AUTOMATION), B.Tech (AI&DS, IT, BMI and PCT), M.E(EST), M.E (CS), M.E (AE), M.E (CE), M.E (ISE), M.E (CSE), M.E-AI&MC, M.E (TE), MCA.

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All registered and presented papers will be submitted for inclusion into IEEE Xplore.

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<https://conferences.ieeeauthorcenter.ieee.org/author-ethics/ethical-requirements/>

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