DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

2nd International Conference on Cognitive Computing and Data Analytics

ICCCDA

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In collaboration with
Scopik Edutech Private Limited
and
St. Xavier's Catholic MultiSpeciality Hospital

FROM 12th to 14th March ,2026

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ICT ACADEMY

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SCOPE OF THE CONFERENCE

The International Conference on Cognitive Computing and Data Analytics brings together researchers, scientists, and professionals to share insights and advancements in cognitive systems and data analytics. It serves as a collaborative platform to discuss innovations, challenges, and practical solutions in AI, big data, and intelligent technologies, fostering interdisciplinary exchange in computer science and information systems.

OBJECTIVES OF THE CONFERENCE

- To provide a common platform for researchers, scientists, academicians, and industry professionals to share and explore advancements in cognitive computing and data analytics.
- To offer hands-on exposure and practical training in state-of-the-art technologies and intelligent systems.
- To highlight recent trends and breakthroughs through expert talks, keynote sessions, and technical discussions.
- To strengthen collaboration between academia and industry, fostering innovative research and development in cognitive technologies and data-driven solutions.

CALL FOR PAPERS

- Authors are invited to submit original and unpublished research papers.
- Submissions are welcome in the areas of cognitive computing, artificial intelligence, machine learning, deep learning, and data analytics in domains such as computer science, information systems, and interdisciplinary applications.
- Papers from Postgraduate Students, Research Scholars, Faculty Members, and Industry Experts are highly encouraged.
- For every accepted paper, at least one author must register and present the work at the conference.

- **Conference Proceedings will be published with ISBN Number.**
- **The best paper will be considered for publication in a reputed journal indexed in SCI, and Scopus, UGC CARE.**

FOR MORE INFO VISIT

www.sxcce.edu.in/web2/ICCCDA.php

SUBMIT YOUR PAPER THROUGH

icccda@sxcce.edu.in

TOPICS OF INTEREST

KNOWLEDGE DISCOVERY

- Cognitive models for knowledge discovery
- Neural networks for insight extraction
- Data visualization in cognitive systems
- High-performance computing for cognition

DATA ANALYTICS

- Cognitive computing in big data
- Data mining and trend analysis
- Machine learning for predictions
- Vision systems and pattern recognition

INTELLIGENT SYSTEMS

- Cognitive measurement and monitoring
- Smart decision-making frameworks
- Deep learning in cognitive environments
- Applications in health, education, and environment

THEORY FOUNDATIONS

- Statistical and probabilistic models
- Neural-fuzzy logic systems
- Hybrid intelligent approaches
- Optimization for classification tasks

TOPICS OF INTEREST

GREEN INTELLIGENCE
- Climate Informatics
- Environmental Monitoring and Sensing
- Disaster Risk Reduction and Management
- Sustainable Agriculture and Food Security

SMART HEALTHCARE SYSTEM
- Biomedical innovations
- Smart grid technologies
- Computer vision systems
- Computational neuroscience
- Human activity recognition

SIGNAL PROCESSING
- Computer graphics and visualization
- Real-time signal processing
- Image and video data analysis
- Multimedia interaction

CYBER SECURITY
- Privacy-preserving machine learning
- Trustworthy systems and networks
- Intelligent, safe, and resilient infrastructures
- Privacy-preserving data mining

Link for Abstract Submission

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IMPORTANT DATES

Last date for receipt of full paper
20 February, 2026

Intimation of Acceptance
24 February, 2026

Online Registration with Camera ready paper
27 March, 2026

Registration Closes
02March, 2026

St. Xavier's Catholic College of Engineering (Autonomous) vibrates with the vision of 'Creating a Technically Empowered Humane Society' by offering cutting edge technical and managerial education to the rural youth of Tamil Nadu and beyond. St. Xavier's Catholic College of Engineering is conferred with Autonomous Status from the academic year 2022-2023 for the next 10 years by UGC. St. Xavier's Catholic College of Engineering has seven undergraduate programmes (CSE, IT, ECE, EEE, CIVIL, MECHANICAL and AI&DS) and eight postgraduate Programmes including MCA and MBA, besides nine University recognized research departments (CSE, ECE, EEE, CIVIL, MECHANICAL, IT, AI&DS, MCA and PHYSICS). Now Anna University has approved our Institution as "Institute Level Research Centre" for a period of three years upto June 2027. All the Programmes are approved by All India Council of Technical Education (AICTE) and all the UG and MBA programmes have permanent affiliation of the Anna University, Chennai.

ABOUT KANYAKUMARI

Kanyakumari is located in Tamilnadu in South India, about 700 Kms. from Chennai the capital city of Tamilnadu, but the nearest major city is Trivandrum in Kerala state. Kerala border is very near to Kanyakumari, that's why a mixed culture of Kerala and Tamilnadu is seen in the area. The languages spoken are Tamil and Malayalam. It is well connected to the other parts of India by road, rail and air. Nearest airport is Trivandrum, which is 87 Km from Kanyakumari. Kanyakumari has a railway station with many trains running towards Chennai, Mumbai, Calcutta, Delhi etc. Some trains are running daily and some weekly. Also train facilities can be availed from Nagercoil Junction (NCJ/NJT).

✈ Through Air

The nearest airport is at Trivandrum (65 km), It directly connected with Bangalore, Mumbai, Cochin, Delhi, Goa, and Chennai by regular flights.

🚆 Through Rail

Kanyakumari is connected to Trivandrum, Delhi, Chennai and Mumbai by road-gauge railway network. Tirunelveli (80 km) is the other nearest railway junction and can be reached by road via Nagercoil

Through Road

Kanyakumari is connected by road to all cities throughout India. Nagercoil is the major city nearby which is connected to all places throughout India.

For Queries

Ms. M. Jasmine Mary, B.Tech., M.E,(Ph.D.)
Assistant Professor
Department of Artificial Intelligence & Data Science
Email: jasminemary@sxcce.edu.in
Contact No: +91 7667529137

Dr. R. Jemila Rose M.Tech.,Ph.D.
Professor & HOD
Department of Artificial Intelligence & Data Science
Email: jemila@sxcce.edu.in
Contact No: +91 94879 57770

Contact

📞 +91 4652 232560

✉ info.sxcce.edu.in

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Dr. V. Vidhya Assistant Professor , Department of AI&DS, Easwari Engineering College
Dr. M. K. Nagarajan Associate Professor, Department of CSE, Kalasalingam Academy of Research and EducationAnand Nagar
Dr. P. Josephin Shermila, Associate Professor, Department of AI&DS, R.M.K.College of Engineering and Technology, Chennai
Mr. N. Nofiden Noble, Senior Software Development Engineer, McAfee, Canada
Mr. M. Arul Jayasingh, Full Stack Developer, Atos Syntel, USA

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SPEAKER

Dr. Musab Al Rawi
Director, ICESCO Chair for AI Ethics
UTAS, Head office Muscat
Sultanate of Oman

Morteza Haghir Chehreghani
Department of Computer Science and Engineering
Chalmers University of Technology
Gothenburg, Sweden

S. SUNDARA RAMAN
National Head, Scopik Ed-tech,
Chennai.