



St. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
(Autonomous)

Chunkankadai, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC
UG Programs(ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs(ECE, EEE, Mech, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated

Department of CSE and AI & DS

International Conference on Computational Intelligence & Data Analytics

IC2IDA

In collaboration with

Artificial Intelligence and Hiltek Robotics Pvt. Ltd.

&

Scopik Edutech Private Limited

From 21st to 23rd March, 2024

Technically Co-sponsored by

Knowledge Partner



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ICT





SCOPE OF THE CONFERENCE

International Conference on Computational Intelligence and Data Analytics aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Computational Intelligence in Computer, Information, Sciences and applications. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of computer, information, sciences and applications.



OBJECTIVES OF THE CONFERENCE

- To identify the issues to be solved in the areas of computing and the supportive measures contributed by the other sciences towards computing.
- To analyse the opportunities and challenges in advance computing trends.
- To showcase how the different implementation can promote necessary transformative change through illustrative examples.
- To make contributions to the society through computing intelligence and theoretical sciences.

OUTCOME OF THE CONFERENCE

- Knowledge exchange among Conference participants through interdisciplinary discussions, learning and the interactions.
- Solutions to the emerging hurdles in the computing areas with theoretical sciences.



CALL FOR PAPERS

- Authors are invited to submit original and unpublished research papers.
- Papers are invited in the areas of computational intelligence in computer, information, sciences and applications and other disciplines related to Information Technology and Computer Science.
- Authors shall be Post Graduate Students, Research Scholars, Faculty Members and Scientists for the submission of their papers.
- For all the accepted papers, at least one author should register and present their papers.
- Detailed instruction about the paper format and submission will be provided in the conference website: www.sxcce.edu.in/iccida24

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Details about publications will be announced in the website after receiving acceptance from various reputed journals and digital libraries

Submit Your Paper through
iccida24@sxcce.edu.in

Publication in ICTACT Journals – International Publications of ICT Academy

The best papers selected in the Conference by the Conference Judges/Reviewers will be recommended for possible publication in the respective scopes of ICTACT Journals. These papers would be selected for publication after the peer review process by ICT Academy. ICT Academy currently publishes five International Journals – ICTACT Journal on the best papers selected in the Conference by the Conference Judges/Reviewers will be recommended for possible publication in the respective scopes of ICTACT Journals. These papers would be selected for publication after the peer review process by ICT Academy. ICT Academy currently publishes five International Journals – ICTACT Journal on Communication Technology, ICTACT Journal on Soft Computing, ICTACT Journal on Image & Video Processing, ICTACT Journal on Microelectronics and ICTACT Journal on Management Studies. For more details visit www.ictactjournals.in Communication Technology, ICTACT Journal on Soft Computing, ICTACT Journal on Image & Video Processing, ICTACT journal on Microelectronics and ICTACT Journal on Management Studies.

COMPUTATIONAL INTELLIGENCE

- Intelligent Measurement Systems
- Intelligent Monitoring and Control Systems
- Machine and Deep Learning for Intelligent Systems
- Computational Intelligence Technologies for Robotics
- Computational Intelligence for Entertainment and Education

THEORETICAL FOUNDATIONS

- Probabilistic and Statistical Models
- Statistical Learning
- Parallel and Distributed Learning
- Generalization in Neural, Fuzzy and Evolutionary Learning
- Neural and Fuzzy Algorithms for System Optimization and Calibration

TOPICS OF INTEREST

KNOWLEDGE DISCOVERY

- Knowledge Discovery Models and Systems
- Knowledge based Neural Networks
- Knowledge Discovery in Social Networks
- Data and Knowledge Visualization
- High Performance Computing for Knowledge Discovery

DATA SCIENCE

- Computational Intelligence in Big Data
- Data Analytics in Machine Learning and Deep Learning
- Computational Intelligence in Cognitive Science
- Computational Intelligence in Pattern Recognition

SIGNAL, IMAGE AND VIDEO PROCESSING

- Computer Graphics and Visualization
- Digital Multimedia Broadcasting
- Image, Video Processing and Analysis
- Multimedia Human Machine Interface and Interaction
- Virtual Reality and 3-D Imaging

SECURITY

- Privacy Preserving Machine Learning and Deep Learning
- Trustworthy, Safe and Resilient Intelligent Systems
- Privacy Preserving Data Mining
- Digital Payments and Cryptocurrencies
- Trust Negotiation or Propagation in Social Networks

TOPICS OF INTEREST

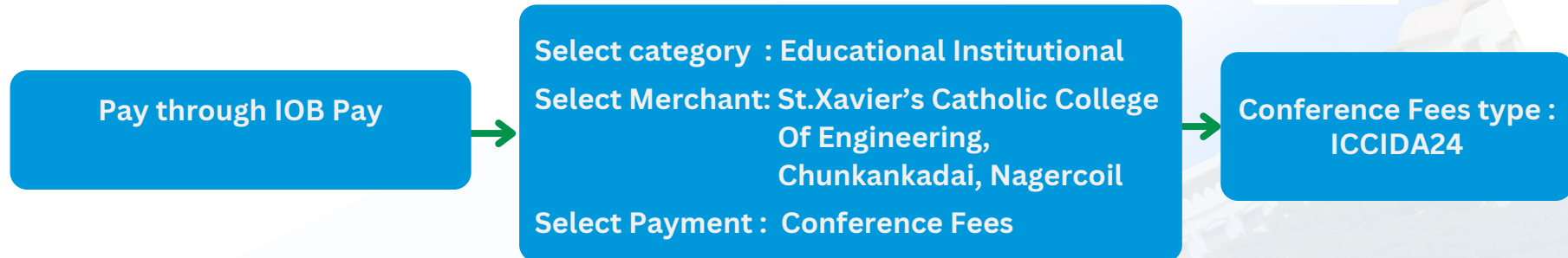
ECO-SCIENCES

- Life Sciences Innovation and Security
- Ecology, Evolution and Conservation Biology
- Chemical Sciences
- Physical Sciences
- Environmental Sciences

APPLICATIONS

- Biomedical
- Smart grid
- Computer Vision
- Computational Neuroscience
- Human Activity Recognition

PAYMENT DETAILS



Category	Indian Delegates	Foreign Delegates
Faculty, R&D Industrialist	INR 2500	USD 200
Research Scholars (Ph.D./Post Doc.)	INR 2000	USD 150
Student (UG/PG/M.Phil)	INR 1500	USD 100
Delegates/Listeners	INR 1000	USD 100

IMPORTANT DATES

Last date for receipt of full paper

08 March, 2024

Intimation of Acceptance

10 March, 2024

Online Registration with Camera ready paper

12 March, 2024

Registration closes

15 March, 2024

Submit Your Paper through
iccida24@sxcce.edu.in

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Dr. Dominic, Professor, NIT, Trichy.

Mr. M. Arul Jayasingh, Full Stack Developer, Atos Syntel, USA.

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Organizing Joint Secretary

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Mr. D. Suresh, Skilled Assistant, SXCCE.

Supporting Staff

Mr. M. Amirtharaj, Attendant, SXCCE.

St. Xavier's Catholic College of Engineering 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. It has seven undergraduate and twelve post graduate Programs, besides seven University recognized research departments. All the Programs are approved by All India Council of Technical Education (AICTE) and all the UG and MBA programs have permanent affiliation of the Anna University, Chennai. The college is recognized under 2(f) and 12(B) of the UGC act 1956. NAAC accredited the college with grade "A". NBA accredited the UG programs EEE, ECE, ME, CSE, IT and Civil under tier-II category. Lush green paddy fields and plantain farms spread their arms around the college and gentle breeze caresses it.

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).

For Queries

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Through Air

The nearest airport is at Trivandrum (65 km), It is 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.