

St. Xavier's

Catholic College of Engineering

Chunkankadai, Nagercoil, Kanyakumari District

Accredited with 'A' Grade by NAAC
UG Programs EEE, ECE & MECH Accredited by NBA
(Tier II, 2018-2019 to 2020-2021)

IC²⁰ITS

International Conference on
Computational Intelligence & Theoretical Sciences

06th to 08th February, 2020

Technically Co-sponsored by



International Conference on Computational Intelligence and Theoretical Sciences 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 advancing the computing trends
- To showcase how the different implementation can promote the necessary transformative change through illustrative examples
- To make contributions to the society through computing intelligence and theoretical sciences

OUTCOMES OF THE CONFERENCE

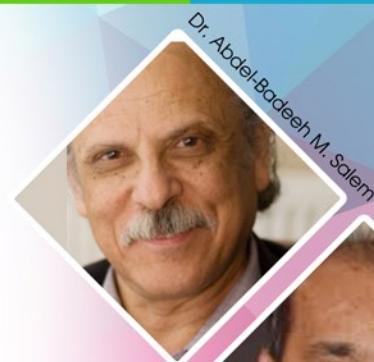
- Knowledge exchange among Conference participants through interdisciplinary discussions, learning and the interactions
- Solutions to the emerging hurdles in the computing areas with theoretical sciences

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- Authors are invited to submit original and unpublished research papers .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 from Post Graduate Students, Research Scholars, Faculty and Scientists are invited for the submission of their papers.
- For all the accepted papers at least one author should register and present the paper.
- Detailed instruction about the paper format & submission will be provided in the conference website: www.sxcce.edu.in/iccits.

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

Keynote Speakers



Dr. Abdel-Badeeh M. Salem



Dr. Muhammed Sarfraz



Dr. Ben Sujin



Dr. D. Stalin Alex



Topics of interest

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

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 and 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 Sys-
tems
Privacy Preserving Data Mining
Digital Payments and Cryptocurrencies
Trust Negotiation or Propagation in Social
Networks

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

but are not limited to...

PAYMENT DETAILS

For all the accepted papers at least one author should register and present the paper. Demand Draft to be drawn in favour of "The Principal", St. Xavier's Catholic College of Engineering, payable at Nagercoil, or through online payment.

Account Name : The Principal
Account Type : Savings
Bank Name : Indian Overseas Bank
Branch Name : Scott Christian College,
Nagercoil, Tamil Nadu
Bank Account Number : 176101000009090
IFSC/RTGS Code : IOBA0001761
MICR Code : 629020023

IMPORTANT DATES

Last date for receipt of full paper
18th December, 2019

Intimation of Acceptance
19th December, 2019

Online Registration opens on
14th January, 2020

Camera ready submission
22nd January, 2020

Registration closes
24th January, 2020

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 (Without paper presentation)	INR 1000	USD 100



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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 six undergraduate and twelve postgraduate programs, besides six 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 and ME under tier-II category for the validity period from 2018-2019 to 2020-2021. 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 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, etc. Some trains are running daily and some weekly. Also train facilities can be availed from Nagarcoil junction(20 Km), or Trivandrum(87 Km).

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EXPLORE



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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 broad-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 major cities throughout India. **Nagercoil** is the major city nearby which is connected to all places throughout India

scan & get direction

