

About Us

St. Xavier's Catholic College of Engineering (SXCE) has been established and managed by the Roman Catholic Diocese of Kottar, Nagercoil, Kanyakumari District, Tamilnadu, India. Approved By Govt. of Tamilnadu, Recognized by AICTE, New Delhi, Affiliated to Anna University. The college is situated on the lap of the Western Ghats in a beautiful hillock at Chunkankadai, Nagercoil in Kanyakumari District (Tamilnadu), overlooking Nagercoil - Thiruvananthapuram Highway (NH 47). The idyllic surroundings with a vast expanse of lush green paddy fields and banana plantation, caressed by gentle breeze from the hills and the calm atmosphere of the college are conducive for academic pursuits.

About Kanyakumari

Surrounded by Majestic Hills and the plains bordered by colourful sea-shores, fringed with coconut trees and paddy fields, here and there are few elevated patches of red cliffs with undulating valleys and plains between the mountainous terrain and the sea-coast, lies the district, "Kanyakumari". With an area of 1672 sq.km, it occupies 1.29% of the total extent of Tamil Nadu. It ranks first in literacy among other districts in Tamil Nadu. Kanyakumari weather highlights the pleasant and delightful atmospheric conditions of the district. All round the year the climatic condition of the place remains comfortable and thus the residents of Kanyakumari get the opportunity to enjoy favorable weather. This wonderful district is located between 8° 03' and 8° 35' of the north Latitudes and 77° 15' and 77° 36' of the east longitudes. Kanyakumari is the southern most point of peninsular India and the meeting point of three oceans-the Bay of Bengal, the Arabian Sea and the Indian Ocean. It is famous for its beautiful views of sunrise and sunset over the waters. The multicolored sand is a unique feature of the beach here.

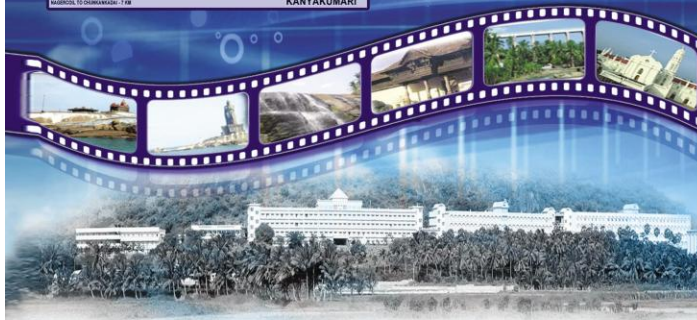
Connectivity

Airport: The nearest airport is at Trivandrum (65 km). It is directly connected with Bangalore, Mumbai, Cochin, Delhi, Goa and Madras by regular flights. Via railways Kanyakumari is connected to Trivandrum, Delhi, Chennai and Mumbai by broad-gauge railway network. Trivanchelli (80 km) is the other nearest railway junction and can be reached by road from Nagercoil.



Distance: Kanyakumari is connected by road to Trivandrum - 64 km

Nagercoil	- 8 km
Trivanchelli	- 80 km
Courtallam	- 130 km
Madurai	- 242 km
Thekkady	- 358 km
Munnar	- 380 km
Kodikkal	- 362 km
Ootacamund	- 576 km
Erudalur	- 399 km
Coimbatore	- 478 km
Chennai	- 630 km



ICAMTCS-2013

International Conference on Applied Mathematics and Theoretical Computer Science

January 24 & 25 - 2013

Technically Co-Sponsored by



Organized by

Humanities & Sciences Department, SXCE
Research & Development Centre, SXCE



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CONFERENCE THEME

Engineering, Technology and Sciences roll on the wheels of Mathematics. Mathematics provides us the basis to comprehend and unravel the principles and procedures of Science and Engineering. Validation of engineering concepts can be ascertained only by the application of Mathematical principles. Constant collaborations of Mathematicians and researchers from science and engineering will help to focus on the recent advancements in the ambit of Mathematics. Hence, it has become imperative now for researchers, educators, students, scientists, engineers and industrialists to communicate and discuss research developments by exchanging their ideas. The objective of this conference is to provide an intellectual forum to the professionals and research scholars to evolve novel techniques by aptly managing the ample volume of mathematical knowledge available to the emerging technologies in Engineering and Theoretical computer science. ICAMTCS 2013 encourages high - quality research in Mathematics and Theoretical computer science and brings together specialists and young researchers working in the area. The scientific program will include invited talks covering the areas of main interest, presentation of posters, and paper presentation sessions.

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Technical Tracks

The topics of the conference include the following 3 technical tracks (but are not limited to)

Submissions: Authors are invited to submit original and unpublished research papers in the areas of Applied Mathematics and Theoretical Computer Science. Detailed instruction about the paper format & submission will be provided in the conference website : www.icamtcs.com.

Proceedings: Accepted papers will be published in IEEE xplore digital library and appear in the conference proceeding. Authors of selected papers will be invited to submit full versions to special issue of an international journal.

Applied Mathematics (TT1-AM)

- Differential Equations
- Numerical Analysis
- Fuzzy Logic
- Mathematical Modeling
- Optimization and Simulation
- Wavelet Analysis

Discrete Mathematics (TT2-DM)

- Combinatorics
- Coding Theory
- Cryptography
- Design Theory
- Graph Theory
- Boolean Algebra, Logic and Circuit Design

Theoretical Computer Science (TT3-TCS)

- Algorithms and Data Structures
- Databases (Security, Compression and Information Retrieval)
- Complexity Theory (Structural and Computational)
- Computer Networks
- Signal Processing & Data Analysis
- Parallel & Distributed System
- Data Mining
- Cloud Computing
- Artificial Intelligence
- Soft Computing

Important Dates

• Paper submission site opens	: 04.06.2012
• Last date for receipt of full paper	: 20.10.2012
• Intimation of Acceptance	: 30.11.2012
• On line Registration open	: 01.12.2012
• Camera ready submission	: 15.12.2012
• Registration closes	: 20.12.2012
• Conference date	: 24 & 25.01.2013

Registration

Category	Indian Delegates	Foreign Delegates
Faculty, R&D, Industrialist	₹ 3500	₹ 250
Research Scholars / Students	₹ 1000	₹ 200
Visitors	₹ 300	₹ 100

Contact Details

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Accepted papers at least one author should register and present their papers. Demand Draft to be drawn in favour of "ICAMTCS 2013, St. Xavier's Catholic College of Engineering" payable at Nagercoil, Tamilnadu, India

Dr. S. Joseph Sekhar,
Organizing Chairman - ICAMTCS 2013
Principal



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