

Organizing Committee:

Mar. Andrews Thazhath
Patron

Mar. Tony Neelankavil
Manager

Dr. Fr. Martin K. A.
Principal

Dr. Viji M.
HOD, Department of Mathematics & Convenor

Ms. Jincy Pauly
Student Co-ordinator

Advisory Board:

Padma Shri Dr. R. Balasubramaniam
Former Director, IMSc, Chennai

Dr. Bimal Kumar Roy
Former director of the Indian Statistical Institute

Dr. Bhupendra Singh
Scientist F, CAIR, DRDO, Bangalore

Dr. Lexy Alexander
Scientist E, CAIR D RDO, Bangalore

Dr. Sujesh A. S.
Assistant Professor, Sri. C. Achutha Menon Govt. College, Thrissur



ST. THOMAS COLLEGE
(AUTONOMOUS), THRISSUR
NAAC (4th cycle): A++ Grade

AWARENESS ON TRENDS IN TECHNOLOGY

NATIONAL INSTRUCTIONAL WORKSHOP ON CRYPTOLOGY

(NIWC-2024)

(22 - 24 MAY 2024)

9.00AM - 5.00PM

Organized by

PG and Research Department of Mathematics

Executive Committee:

Faculty Members

Dr. Saju M. I.
Dr. Sr. Alphonsa Mathew
Mr. Antony John E. F.
Dr. Sabu A. S.
Dr. Sr. Julie Andrews
Mr. Renjith Varghese
Mr. Pratheesh George
Mr. Ashbin Mathew
Mr. Mathew Thomas

Research Scholars

Ms. Rose Paul
Ms. Karthika S.
Mr. Aboobacker P.
Mr. Abhijith P.
Ms. Athira Asok
Mr. Naveen V. V.
Mr. Harish V. N.

VERITAS VOS LIBERABIT

CONTACT US



+91-9495860985 (Dr. Viji M.)
+91-8590596562 (Ms. Jincy Pauly)



<https://sites.google.com/view/stcmathematics/home>



stcmathsevents@gmail.com
maths@stthomas.ac.in



Locate Us

In association with



Venue:

**Kaviprathibha Hall
St. Thomas College**

ABOUT THE COLLEGE

St. Thomas College (Autonomous), Thrissur, is the oldest Catholic College in Kerala and is the first College to have been established by diocesan clergy in India and is older than all the Universities in Kerala. It was founded as an educational institution in 1889. The college has had a very strong scholastic tradition that spans over a century. Apart from the contributions to intellectual and cultural fields, the College community has responded positively to the problems thrown up by the processes of nation-building. St. Thomas College is accredited with A++ (3.70) grade by NAAC. The UGC granted Autonomous Status to the College from 13th June, 2014 and College with Potential for Excellence status with effect from 01st April, 2016.

ABOUT THE DEPARTMENT

The department of Mathematics was established in 1926 and now provides PhD as well as one PG and two UG programmes in Mathematics. One of the primary areas of research is cryptography. The department strives to develop highly competent and motivated mathematicians while maintaining a high degree of academic achievement.

ABOUT DRDO

DRDO is the R&D wing of Ministry of Defence, Govt of India, with a vision to empower India with cutting-edge defence technologies and a mission to achieve self-reliance in critical defence technologies and systems. Today, DRDO is a network of more than 50 laboratories which are deeply engaged in developing defence technologies covering various disciplines.

ABOUT CRSI

Cryptology Research Society of India (CRSI), formed in 2001, is a scientific assembly of academicians, researchers, specialists, students, and institutions interested in promoting the science and technology of Cryptology, Data Security, and allied disciplines in India. CRSI is promoting to conduct of three reputed events annually in India known as INDOCRYPT (an annual international conference), NWC (National Workshop on Cryptology), and NIWC (National Instructional Workshop on Cryptology)

ABOUT KSCSTE

KSCSTE promotes and activates programmes for increasing the stock of knowledge in science, and fine tunes policies which are significant and for the sustained development of humanity. The council prepares the road map for development through scientific research and innovation in technologies.

WORKSHOP OVERVIEW

The field of cryptology is expanding quickly, and it is becoming more and more popular among information scientists, notably in activities relating to networks, banking, mail, and information security. This workshop seeks to engage students from all around the nation and give them a forum to learn about career options in cryptology and associated research. This workshop's goal is to systematically introduce mathematics and engineering students and faculty to the fundamental concepts of cryptography, network security, and other information security-related concerns and applications.

TOPICS TO BE COVERED

- Basics of Coding Theory
- Basics of Cryptography
- Code-based Public-key encryption schemes
- Code-based digital signature schemes
- NIST submissions for Code-based KEM
- Application of Post Quantum Cryptography

REGISTRATION DETAILS

Students / Research Scholars	:	Rs. 1000/-
Faculty / Others	:	Rs. 2000/-

NOTE: For CRSI life members, there will be a fee waiver of @50%.

[REGISTER
HERE](#)

OR



Account Details

Viji M.
Account No. 20243792862
IFSC : SBIN0000940
SBI Thrissur Main

Last Date for Registration
30th April 2024

ACCOMMODATION

A limited number of accommodations for the participants will be arranged on payment basis in the College Guest House on prior request.

We cordially invite you to join with us

Dr. Fr. Martin K A
Principal

Dr. Viji M
HoD & Convenor

Ms. Jincy Pauly
Student Co-ordinator

SPEAKERS

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Former Director, IMSc, Chennai
- **Mr. Bhupendra Singh**
Scientist F, CAIR, DRDO, Bangalore
- **Ms. Lexy Alexander**
Scientist F, CAIR, DRDO, Bangalore
- **Dr. Sugata Gangopadhyay**
IIT Roorkee
- **Dr. Tony Thomas**
Digital University Kerala
- **Dr. Rajat**
IIT Roorkee
- **Mr. Pradeep Rai**
IIT(BHU), Varanasi
- **Mr. Jothishwaran**
IIT Roorkee
- **Dr. Saju M.I.**
St. Thomas College, Thrissur
- **Ms. Jincy Pauly**
St. Thomas College, Thrissur