

NWC17



National Workshop on Cryptology

Organized by

Department of Computer Science and Engineering
National Institute of Technology, Tiruchirappalli

(An Annual Event of CRSI)



Workshop Overview

This era has seen explosive growth in electronic messages that are communicated through Internet (insecure channel) & secure transmission of messages has become a crucial task. Modern cryptography plays an important role to provide security over Internet. One main goal of Modern cryptography is to guarantee secure communication through an insecure channel even in the presence of powerful third parties called intruders or adversaries. Our aim of the workshop is to bring all researches in this field and learner under one premise to build a community. The workshop includes tutorial sessions to cover broad spectrum of Cryptology and related areas. Workshop also invites original research contributions in all aspects of cryptography and related areas.

About NIT



National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to cater to the needs of man-power in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development.

About Cryptology Research Society of India (CRSI)

Established in 2001, the Cryptology Research Society of India is a scientific assembly made up of academicians, researchers, specialists, students and institutions who are interested in promoting the science and technology of Cryptology and Data Security and related theory and Applications in India. A National Workshop on Cryptology and an International Conference on Cryptology (INDOCRYPT) are the annual events being organized by the CRSI. For more details, log on to www.crsind.com

About Tiruchirappalli

Tiruchirappalli (Trichy) is the 4th largest town in Tamil Nadu. The city has been ruled by

various ancient and historical kingdoms and empires. The Cholas, Pandyas, Pallavas, Vijaynagar Kingdom, Carnatic Kingdom and British have ruled this region and have deeply influenced the city's culture over the years.



Rockfort Temple (Tiruchirappalli)



Brahadeeswara Temple (Thanjavur)

The famous Temples to visit in and around Trichy are Ranganathaswamy Temple, Rockfort Temple, Jambukeswarar Temple, SreeMeenakshi Amman Temple (Madurai), Brahadeeswara Temple (Thanjavur).

Workshop Themes and Papers

Research papers are invited in the following areas but not limited to:

- Public Key Systems
- Signature Schemes
- Cryptanalysis
- Steganography
- Security Protocols
- Data Integrity & Message Digests
- Block & Stream Ciphers
- Elliptic Curve Cryptography
- Block Chain Technology
- Bitcoin
- Image Security

Keynote Speakers

Dr. R. Balasubramanian, IMSc, Chennai
Dr. Bimal Roy, ISI, Kolkata
Dr. C. Pandurangan, IIT, Madras
Dr. Kannan Srinathan, IIIT, Hyderabad
Dr. Somitra Sanadhya, IIIT, Delhi
Dr. Santanu Sarkar, IIT, Madras
Dr. Mahavir Jhavar, Ashoka University, Delhi
Dr. N.V.Narendra Kumar, IDBRT, Hyderabad

Programme Committee Members

Dr. Somitra Sanadhya, IIIT, Delhi
Dr. Santanu Sarkar, IIT, Madras
Dr. Mahavir Jhavar, Ashoka University, Delhi
Dr. Jimmy Jose, NIT, Calicut
Dr. Hariom, IIT (ISM), Dhanbad
Dr. Sahadeo Padhye, NIT, Allahabad
Dr. C. D. Jaidhar, NIT, Surathkal
Dr. B. SivaSelvan, IIITD&M, Kancheepuram
Dr. Narendran Rajagopalan, NIT, Puducherry
Dr. P. Arun Rajkumar, NIT, Puducherry
Dr. B. Surendiran, NIT, Puducherry

Dr. Kunwar Singh, NIT, Tiruchirappalli
Dr. M. Sridevi, NIT, Tiruchirappalli
Dr. B. Nithya, NIT, Tiruchirappalli
Dr. R. Mohan, NIT, Tiruchirappalli
Dr. E. Sivasankar, NIT, Tiruchirappalli
Dr. M. Brindha, NIT, Tiruchirappalli
Mrs. S. Jayanirmala, NIT, Tiruchirappalli
Dr. S. Domnic, NIT, Tiruchirappalli
Dr. U. Srinivasulu Reddy, NIT, Tiruchirappalli
Dr. B. Janet, NIT, Tiruchirappalli
Dr. R. Eswari, NIT, Tiruchirappalli
Dr. S. Sangeetha, NIT, Tiruchirappalli

Paper Submission

Papers submitted by the authors will be strictly reviewed by a review panel. Authors of selected papers need to incorporate the comments from the reviewers in their camera ready submission. The full paper should not be more than 10 pages (maximum) and the paper should be in IEEE format. All submissions in PDF format can be forwarded to workshop mail id: nwc2k17@gmail.com

Registration Fees

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| Delegates from Industry and R&D Organizations | Rs.3000 |
| Delegates from Academic institutes | Rs.1500 |
| Research Scholars / Students | Rs.750 |

Participation

Academicians from Engineering Colleges & Research Institutions, Research Scholars,

Industrialists and Professionals in the field of Electronics, Information Technology and related fields are eligible to attend this Workshop.

Important Dates

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| Last date for Submission of full paper (limited to 10 pages) | 10th July 2017 |
| Confirmation of Acceptance of paper | 30th July 2017 |
| Camera Ready Paper Submission | 05th August 2017 |
| Workshop Dates | 28-30, August 2017 |

Coordinators of the Workshop

Dr. C. Mala
Dr. Kunwar Singh
Dr. M. Sridevi
Dr. B. Nithya

Department of Computer Science and Engineering,
National Institute of Technology,
Tiruchirappalli.

Address for communication

Dr. Kunwar Singh
Convener
Department of Computer Science & Engineering,
National Institute of Technology,
Tiruchirappalli,
Tamil Nadu – 620015

Phone No: 0431 – 250 3212
Mobile : 9843692144