

BSCT19



DST sponsored National Conference on Blockchain and Smart Contract Technologies

Organized by
Department of Computer Science and Engineering
National Institute of Technology, Tiruchirappalli (7th-10th November, 2019)



Conference Overview

Blockchain is considered to be one of the most fundamental inventions in the history of computer science. Blockchain's transparent and decentralized nature enables the development of a non-refutable, and unbreakable record of data which makes the blockchain network useful for many applications. According to Mr. R. Gandhi, Former Deputy Governor of RBI, Blockchain technology is the disruptive innovation for financial business applications. A smart contract is an executable code that runs on the blockchain to facilitate, execute and enforce an agreement between untrusted parties without the involvement of a trusted third party. Although smart contract concept was introduced by Szabo in 1994, there was no real time implementation of it. Only in 2008 when the blockchain (Bitcoin) was invented by Satoshi Nakamoto real implementation of smart contract was made possible.

The first national conference on Blockchain and Smart Contract Technologies 2019 (BSCT 19), will be held in NIT Trichy, Tiruchirappalli, Tamilnadu. The aim of the conference is to bring all researchers in this field and learners under one premise to build a community. A pre-conference tutorial will be conducted on 7th November, 2019 followed by conference from 8th-10th November, 2019. The conference includes paper presentation and talks to cover broad spectrum of Blockchain technology and smart contract.

This conference invites original research contributions in all aspects of Blockchain technology and smart contract.

Conference Themes and Papers

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

- Blockchain technologies
- Cryptocurrencies
- Smart contracts
- Smart contracts deployment & maintenance
- Blockchain performance
- Blockchain vulnerabilities & attacks schemes
- Blockchain Security and privacy concerns
- Industry applications of Blockchain

Keynote Speakers

Dr. C. Pandurangan, IIT, Madras

More speakers from premier institutes are being invited.

Programme Committee:

Dr. Somitra Sanadhya, IIIT, Delhi
Dr. Santanu Sarkar, IIT, Madras
Dr. Mahavir Jhawar, 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. Narendran Rajagopalan, NIT, Puducherry
Dr. P. Arun Rajkumar, NIT, Calicut
Dr. B. Surendiran, NIT, Puducherry
Dr. B. Suresh Babu, NIT, Warangal
More are being invited

Paper Submission

Papers submitted by the authors will be strictly reviewed by a review panel. 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 conference mailid: bsct2k19@gmail.com

Participation

Academicians from Engineering Colleges & Research Institutions, Research Scholars, Industrialists and Professionals in the fields of Electronics, Information Technology and related fields are eligible to attend this conference

Organizing Committee

Patron:

Dr. Mini Shaji Thomas
Director, NIT, Trichy.

Co-Patron:

Dr. M. Punniyamoorthy,
Professor (HAG), NIT, Trichy.

Chairman:

Dr. K. Viswanathan Iyer, Prof., NIT, Trichy.
Dr. Michael Arock, Prof., NIT, Trichy.
Dr. Kunwar Singh, Asst.Prof., NIT, Trichy.

Organizing Secretary:

Dr. S. Jaya Nirmala, NIT, Trichy
Dr. E. Sivasankar, NIT, Trichy

Address for Communication

Dr. Kunwar Singh,
Assistant Professor,
Department of Computer Science and Engineering
National Institute of Technology
Tiruchirappalli
Email-id: bsct2k19@gmail.com

About the Institution:



National Institute of Technology, Tiruchirappalli (NITT), is one among the premier Institutions of India and is well known for its high standards in teaching and research. It offers 10 undergraduate and 23 postgraduate programs in disciplines spanning engineering, science, architecture and management. It has been declared as an Institute of National Importance by the Government of India under NIT Act. According to the Ministry of Human Resources Development, NIRF 2019, NIT Trichy has been ranked as the 1st NIT among all the NITs consistently for last three years and 10th among all the technical institutes in India in 2019. It has been awarded the “Best Industry linked National Institute of Technology in India” by the Confederation of Indian Industry (CII) in the year 2015.

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 The British have ruled

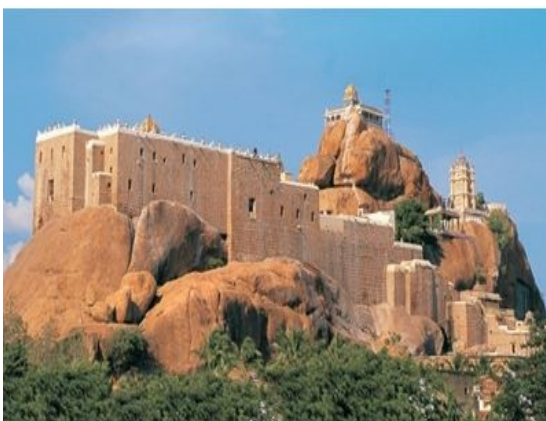
this region and have deeply influenced the city's culture over the years.

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

Brahadeeswara Temple (Thanjavur)



Rockfort temple (Tiruchirappalli)



Important Dates:

Last Date for Submission of Full Paper (Limited to 10 pages)	22 nd September 2019
Confirmation of Acceptance	18 th October 2019
Camera Ready Paper Submission	28 th October 2019
Conference Dates	8 th -10 th November

Registration Fees:

Listeners (People from Industry, faculties from Academic Institute)	Rs.500
Listeners (Research Scholar/ Student)	Rs.300
Registration fees is waived and 3 rd AC fare for the shortest route will be provided for listeners belonging to ST Category	
Registration fees is waived for one of the authors of the selected paper	

Registration fee is paid through DD drawn in favor of **THE DIRECTOR, NIT Trichy**