

## Chief Patrons

Mr. Anil Harish (President, HSNCB)  
Ms Maya Shahani (Trustee, HSNCB)  
Mr. Lal Chellaram (Trustee, HSNCB)

## Patron

Dr Dinesh Punjwani (Principal, RD & National College)

## Convener

Dr G. T. Thampi (Principal, TSEC)

## Organizing Secretary

Dr. Mansha Kotwani (In-Charge, Mathematics)  
Ms. Poonam Soni (Asst Prof., Mathematics)

## Executive Committee

Prof Ashwini Kunte (Head, EXTC)  
Prof Tanuja K. Sarode (Head, Computer)  
Prof Madhuri Rao (Head, IT)  
Prof Mita Bhowmik (Head, Biomedical)  
Prof Anita Kumari (Head, Chemical)  
Prof R.K. Pathak (Head, Biotechnology)  
Dr. Mani Roja Edinburgh (Dean, Student Affairs)  
Mr Jayant Gadge (Dean, Academics)

## Advisory Board

Dr Amit Dutta (WRO),  
Dr U V Kulkarni (Professor, SGSCES)  
Dr. S K Ukarande (Principal, KHSIET)  
Dr SM Khot (Principal, FCRIT, Vashi)  
Dr J W Bakal (Principal, SSJCE)  
Dr. K R Pardasani (Professor, MANIT, BHOPAL)  
Dr B V Rathish Kumar (Professor, IIT, Kanpur)  
Dr. Ashu Rani (Professor, University of Kota)  
Dr Subhash Shinde (Prof., LTCE, Navi Mumbai)  
Dr Hari Vasudevan (Principal, DJSCE)  
Dr Nazneen Ansari (SFIT, MUMBAI)  
Dr Gresha Bhatia (VESIT, MUMBAI)  
Dr. Amol Admuthie (Professor, RIT, Sangli)  
Dr P H Sawant (Principal, SPCF, MUMBAI)  
Dr Neeru Adlakha (Associate Prof, NIT, SURAT)  
Dr. Arun Kumar (Associate Prof, Govt College, Kota)  
Dr Safique Ahmad (Associate Prof, IIT)  
Dr D B Gurung ( Prof, Kathmandu University, Nepal)  
Dr Robin Antoine (Mathematics & Statistics, University of Westindies)  
Dr Adela Mihai (Mathematics & Computer Science, Technical University of Civil Engineering, Bucharest.

## About the Institute

Established in 1983, Thadomal Shahani Engineering College is founded by the Hyderabad (Sind) National Collegiate Board (HSNC). Thadomal Shahani Engineering College (TSEC) is recognized by the Government of Maharashtra and is affiliated to the University of Mumbai. It offers a 4-year Bachelor of Engineering (B.E.) Degree program in Information Technology, Computer, Electronics & Telecommunication, Biomedical, Biotechnology and Chemical Engineering. It has been accredited by NBA till June 2019 for the former four under graduate programmes and is graded as an 'A' grade educational institution. It also offers Ph.D. program in the subject of Information Technology, Computer Engineering, and Electronics & Telecommunication. The college is centrally located in Mumbai at Bandra, the queen of suburbs; and is very closely connected and accessible from all the major local train stations and expressways.

## About H(S)NCB

Hyderabad (Sind) National Collegiate Board, Mumbai (Estd 1949) is the brain child of Vidyasagar Principal K M Kundnani and Barrister H G Advani. Today the cooperative management of the Board is in the capable hands of Trustees, Mr Anil Harish (President), Dr Niranjan Hiranandani (Immediate Past President), Mr Kishu Mansukhani (Past President), Ms Maya Shahani and Mr Lal Chellaram. The Board was established in the wake of Partition to provide quality educational facilities to the displaced Sindh population and the local community and generate employment opportunities for them. Since the past 70 yrs the board has been, thus an active partner in nation building through education and professional prospects for the citizens. The Board has traversed a long way from 1 institution in 1949, to 14 institutions affiliated to University of Mumbai. Over the years the Board has also established 9 schools, 1 self financed management Institute and Polytechnic. The H(S)NCB Institutes are spread over Churchgate, Colaba, Cuffe Parade, Worli, Bandra and Ulhasnagar.



## INTERNATIONAL CONFERENCE ON EFFICACY OF SOFTWARE TOOLS FOR MATHEMATICAL MODELLING ICESTMM '19

19th & 20th April 2019

Approved by ISTE

In association with  
University of Mumbai



## Organized by THADOMAL SHAHANI ENGINEERING COLLEGE (TSEC) (Since 1983)



Advocate Nari Gursahani Marg, Off Linking Road, Bandra (W),  
Mumbai- 400050  
Telephone- 022-2649 5808  
Website- www.tsec.edu

### About the Conference

The ICESTMM' 19 will be the first most comprehensive conference focused on the various aspects of advances in applications and efficiency of software tools for mathematical modeling in the field of Computer, Electronics, Information Technology, Humanities and Management. Fundamental research is heavily relying on abstraction and modeling of physical phenomena/ processes and artifacts. Enabling ICT market places are flooded with numerous software products for modeling and further post processing. It is observed that specific software products are best suited for a segment of problem domains to be demystified. People with experience can tell us which one fits well with a specific situation and context of problems to be solved. It is our earnest effort to invite all experts/and researchers working in this area to contribute to the cause of simulation and modelling using software best suited for the same.

### Important Dates

Full length paper submission	15-02-2019
Acceptance & Notification	28-02-2019
Registration and Camera Ready paper	15-03-2019
Conference Dates	19-20 April'19

### Contact Details

Dr Mansha Kotwani-9930037244  
Ms Poonam Soni - 9322684213

Email id /Website for Registration  
icestmm19@gmail.com/

### Conference Topics

Computational Techniques	Data Mining and Warehousing	Neural Networks and Fuzzy Logic
Partial Differential Equations	Computational intelligence	Integral Transform
Heat flow and mass transfer in Porous media	Numerical Analysis and Methods	Machine and Deep Learning
System Dynamics	Mathematical Biology	Parallel and soft computing
Heat flow and mass transfer in Porous media	Ecological and Environmental Modeling	Financial and actuary Mathematics
Image/ Signal Processing	Optimal Control	Cryptography
Information Theory and Coding	Optimization Techniques	Biomedical Engineering and Biomaterials
IOT implementation	Computational Fluid Dynamics	Fault detection and diagnosis
Artificial Intelligence	Pattern Recognition	Cyber Security
Communication and Computer Networks	Computational Neuroscience	Solid and Structural Mechanics
Nanotechnologies, Components, Instrumentation	Computational aided Simulation and Modeling	Inverse Problems and Optimization
Big Data Analytics	Power and Smart grid	Soil Sciences
Nonlinear, Adaptive and Complex Systems High Performance Computing and Visualization	Engineering techniques (electronics, instrumentation, signal acquisition and processing, informatics, automatic control)	Statistical Methods in technical, economic and medical Sciences

### Registration Fee Details

Students / Research Scholar	INR 1200
Attendee	INR 1000
Academician / Industrial Delegates	INR 2000
Foreign Author	USD 100

### Payment Details

Name	Thadomal Shahani Engineering College
Bank Account Number	028010100242325
Bank Name/Branch	Axis Bank Ltd/Bandra (w) Mangal Mahal, Turner Road -50
IFCS Code	UTIB0000028
MICR Code	400211007

### Registration Form

Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Qualification \_\_\_\_\_  
E Mail \_\_\_\_\_  
Institute/Organization \_\_\_\_\_  
Address \_\_\_\_\_  
Contact No. \_\_\_\_\_  
DD/Neft No. \_\_\_\_\_  
Amount \_\_\_\_\_ Date \_\_\_\_\_  
Bank \_\_\_\_\_ Branch \_\_\_\_\_  
(Photocopy of this form may be used)

Signature of the Applicant