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ADDRESS FOR COMMUNICATION**Dr. M. Clement Joe Anand**

Convenor (NCETMAET - 2018)
 Department of Mathematics
 Hindustan Institute of Technology & Science
 Padur, Chennai - 603103

Contact Number

☎ 9940467510
 9566272329, 8870412873

Soft copy of the extended abstract must be sent through

convenor@ncetmaet2018.co.in**Conference Website : www.ncetmaet2018.co.in****Co Sponsors**

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**NCETMAET-2018**

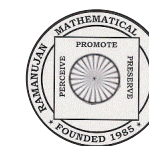
HINDUSTAN
 INSTITUTE OF TECHNOLOGY & SCIENCE
 (DEEMED TO BE UNIVERSITY)



National Conference on
**Emerging Trends in Mathematics &
 Applications in Engineering
 and Technology**

NCETMAET - 2018**Date: 22nd - 23rd March 2018****In Association with**

Tamil Nadu State Council for
 Science and Technology



Ramanujan
 Mathematical Society



The Association of
 Mathematics Teachers of India

Organized by Department of Mathematics

ABOUT THE UNIVERSITY

Hindustan Institute of Technology & Science (Deemed to be University) is a prestigious University accredited with an "A" Grade by NAAC, Government of India. QS, the reputed International Rankings Agency has awarded an over all rating of three stars to the University with a five star rating for Faculty, Employability, Facilities, Innovation and Inclusiveness. Hindustan Institute of Technology & Science (HITS) has completed over three decades of dedicated service to the nation. It has a cosmopolitan ambience with high-calibre and learned faculty, who are thorough leaders, consultants, technology implementers and inventors. The Institution is driven by the virtuous vision of the Founder Chairman Late Dr. K.C.G. Verghese "To Make Every man a Success and No Man a Failure" and is devoted to excellence in research, teaching and learning. It lays significant emphasis on quality educational standards that meet the demand of the global workforce, and instills the attitude of life-long learning in the students. The institution has been consistently ranked among the best institutions in the country and aspires to emerge into global education institution.

ABOUT THE DEPARTMENT

The Department of Mathematics under the School of Science and Humanities was established in 1985. The Department integrates all the branches of Engineering by imparting the course on Engineering Mathematics in UG and PG level. The Department offers M.Phil and Ph.D programme. It comprises of well-qualified and experienced faculty. The objective of the Department is to train students in the innovative field of Applied Mathematics inculcating the concepts of computing, optimizing, grouping, classifying, testing and applying various tools of Mathematics in the field of Engineering and Technology.

ABOUT THE CONFERENCE

National Conference on Emerging Trends in Mathematics & Applications in Engineering and Technology (NCETMAET - 2018) is aimed to bring researchers and professionals to discuss recent developments in both theoretical and applied mathematics and to create a professional knowledge exchange platform between mathematicians and engineers. The primary goal is to provide directions for future research and development by identifying key problems and their solutions. This conference also shows a new direction among the research communities across the nation to discuss the most recent innovations, practical challenges encountered and the solutions adopted on the proposed conference theme. Also, it provides an opportunity for the young researchers and students to know about the processing of new materials and its applications in the modern society. The inspiring lectures of this conference bid some novel ideas to the research society of our nation.

CONFERENCE GOALS

1. Future strategies development in application of Mathematics in various fields of Engineering and Technology
2. New directions in the discussion of applying innovative methods
3. Identifying the practical challenges encountered and the solutions adopted in the field of Mathematics

CONFERENCE TOPICS

- ▶ Applied Functional Analysis
- ▶ Applied Statistics
- ▶ Combinatorics
- ▶ Complex Networks
- ▶ Control Theory
- ▶ Cryptography
- ▶ Difference Equations
- ▶ Discrete Mathematics
- ▶ Discrete Geometry
- ▶ Dynamical Systems
- ▶ Financial Mathematics
- ▶ Fuzzy Sets and Logic
- ▶ Game Theory
- ▶ Graph Theory
- ▶ Information Theory
- ▶ Mathematical Modeling
- ▶ Linear and non-linear Programming
- ▶ Matrix Theory
- ▶ Modeling and Simulation
- ▶ Neural Networks
- ▶ Numerical Analysis
- ▶ Operations Research
- ▶ Optimization
- ▶ Probability
- ▶ Representation Theory
- ▶ Stochastic Process

APPLICATIONS IN

- ▶ Aeronautical Engineering
- ▶ Automobile Engineering
- ▶ Bio Medical Engineering
- ▶ Bio-Technology
- ▶ Civil Engineering
- ▶ Chemical Engineering
- ▶ Computer Science & Communication Engineering
- ▶ Electronics and Communication Engineering
- ▶ Electrical and Electronics Engineering
- ▶ Electronics and Instrumentation Engineering
- ▶ Environmental Engineering
- ▶ Mechanical Engineering
- ▶ Robotics and Automation

RESOURCE PERSONS

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Dr. R. Srinivasan

Member Secretary, Tamilnadu State Council for Science and
Technology (TNSCST), Chennai.

IMPORTANT DATES

Paper Submission Due	: 5 th February 2018
Notification of Acceptance	: 18 th February 2018
Final Paper Submission	: 24 th February 2018
Last Date for Registration	: 1 st March 2018

REGISTRATION FEE

Presentation	: INR 2500 for Academicians / Research Scholars/Industrialists INR 2000 for B.Tech/M.Tech/M.Sc/M.Phil Students
Participation / Co-authors	: INR 1500
Poster presentation	: INR 1500 (Two members per team)

MODE OF PAYMENT

A Demand Draft must be drawn in favor of "Hindustan Institute of Technology and Science, Chennai", Payable at Chennai or through NEFT/RTGS transfer.

DETAILS FOR NEFT/RTGS TRANSFER

A/C Holder's name	: Hindustan Institute of Technology & Science
A/C Number	: 255402000000001
IFSC Code	: IOBA0002554
MICR Code	: 600020191
Name of the Bank & Branch	: Indian Overseas Bank & Padur

PUBLICATION DETAILS

All the accepted papers which are registered for NCETMAET-2018 will be published in any one of the following journals with additional journal charges*.

1. Applied Mathematics and Information Sciences ISSN:2325-0399, Anna University Annexure - I (S.No. 885), Indexed: SCOPUS.
2. PERSPECTIVAS EM CIENCIA DA INFORMACAO ISSN: 1413-9936, Anna University Annexure - I (S.No. 8836), Indexed: SCOPUS.
3. Journal of Combinatorial Mathematics and Combinatorial Computing ISSN: 0835-3026, Indexed: SCOPUS.
4. International Journal of Applied Mathematics pISSN: 1311-1728, eISSN: 1314-8060, Indexed: SCOPUS (From 2018)
5. International Journal on Future Revolution in Computer Science and Communication Engineering ISSN: 2454-4248 (UGC Approved).

Note: *Subject to the journals, publication cost may vary compare to regular publication cost.

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