

# ICETST-2020

7<sup>th</sup>

## INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN SCIENCE AND TECHNOLOGY

**Date: 17-04-2020 to 18-04-2020**

**Venue: National University of Singapore  
Singapore**

**Jointly Organized By**



**Arunai International  
Research Foundation  
(AIRF)**



## National University of Singapore

The National University of Singapore aspires to be a vital community of academics, researchers, staff, students and alumni working together in a spirit of innovation and enterprise for a better world. Our singular focus on talent will be the cornerstone of a truly great university that is dedicated to quality education, influential research and visionary enterprise, in service of country and society.

## Arunai International Research Foundation

Arunai International Research Foundation was founded in February 25<sup>th</sup>, 2016 - Licensed under Section 8 of Companies Act, 2013, Ministry of Corporate Affairs, Government of India. It is constituted to spread and emphasise the cause of multidisciplinary research subjects in international scenario. Arunai International Research Foundation, Tiruvannamalai, Tamilnadu, India founded by Mrs. Ekambaram Radha and Dr. Kasi Kamalakannan, the Directors are actively involving in promoting the realm of research.

## Sub Theme

- Computer Science Engineering
- Mechanical Engineering
- Electrical Engineering
- Civil Engineering
- Electronics and Communication Engineering
- Information Technology
- Materials Engineering
- Biotechnology
- Chemistry
- Mathematics
- Physics
- Biology
- Agricultural Science

## Keynote Speakers



**Dr. Manoj Gupta**  
National University of Singapore  
Singapore



**Dr. Mahadeva Rao**  
Universiti Sultan Zainal Abidin  
Malaysia



**Annamalai Chockalingam**  
Universiti Sultan Zainal Abidin  
Malaysia



**Dr. Phang Chang**  
Universiti Tun Hussein  
Onn Malaysia  
Malaysia



**Dr Sharon Nai Mui Ling**  
Singapore Institute of  
Manufacturing Technology  
Singapore



**Dr Chua Beng Wah**  
Singapore Institute of  
Manufacturing Technology  
Singapore



**Dr Eugene Wong**  
Newcastle University  
Singapore



**Dr. M. Seenivasan**  
Annamalai University  
India

## Call for Papers

Papers original in idea and not published elsewhere are invited on the mentioned themes and related areas. The abstract should be limited to 300 words along with the name of author(s), affiliation, e-mail, mobile number and corresponding address should be emailed on the mentioned email address. Maximum five key words should be given along with the abstract. The abstract should be typed in Times New Roman Fonts, 12 point regular, single spacing and 2.54 cm margin in all sides. The title should be written in 14 points; author(s) name should be in bold 11 fonts and affiliation in 12 points italics. The information about the acceptance will be sent to the authors at their emails and after acceptance registration form and

registration fee should be transferred electronically.

In case of multiple authors, there must be an intimation regarding the paper presenter and other.

Please note that the "Certificate of Presentation" shall be awarded to the paper presenter only, participant(s) shall be awarded "Certificate of Contribution"

All Authors will have to register separately. Single Author presenting multiple papers should register for each paper separately.

No TA/DA will be paid to any delegate participating the conference.

### Registration Fees

- Indian Participants: INR 32000  
(Inclusive of all except visa & flight ticket)
- Only registration fees: INR 10000
- Skype presentation fees: INR 5000
- For Foreign Participants: USD150

### Payment Mode

- DD in favour of "Arunai Publications Private Limited", Payable at Tiruvannamalai
- Net Banking

### Bank Details

RTGS/NEFT/DD/Multicity check is to be made in favor of

Account Holder : **Arunai Publications Pruvate Limited**

Current A/C No : **34779641742**

Bank : **State Bank of India**

Branch : **34, Kosa Mada Street,  
Tiruvannamalai - 606601**

IFSC Code : **SBIN0000938**

## Important Dates

**Submission of Abstract: 10<sup>th</sup> January 2020**

**Submission of full length Paper: 25<sup>th</sup> February 2020**

**Registration Deadline: 25<sup>th</sup> February 2020**

**Conference date: 17/04/2020 to 18/04/2020**

**Paper should be sent through e-mail: [nus.airf1@gmail.com](mailto:nus.airf1@gmail.com)**

## Best Paper Award

On the basis of quality of the research paper, Authors and delegates whose papers are shortlisted for Best Paper Award will be given a certificate and an award. Decision will be with the jury consisting of eminent expert and it will be final.

## Paper Publication

Selected papers will be published in Conference proceedings with ISBN.

The short listed research papers will be published in the Peer reviewed/ UGC/ Scopus indexed/ annexure-I approved Journals subject to the fulfillment of all conditions and formalities.

## Organising Committee

### Chief patron

Professor Gregory Scott Chirikjian  
Head of Department  
Department of Mechanical Engineering  
National University of Singapore

Mrs. E.Radha  
Founder Chairman  
Arunai International Research Foundation  
Tiruvannamalai.

### Conference Chairman

Dr. Manoj Gupta  
Associate Professor  
Department of Mechanical Engineering  
National University of Singapore

### Organising Secretaries

Dr. Kasi Kamalakkannan  
CEO  
Arunai International Research Foundation  
Tiruvannamalai

Dr. M. Seenivasan  
Department of Mathematics  
Annamalai University,  
Chidambaram

### Advisory Board

Dr. Ramesh L. Gardas  
IIT Madras  
Chennai

Dr Ramasare Prasad  
IIT Roorkee  
Roorkee

Dr.V.Divyatejomurty  
Acharya Nagarjuna University  
Guntur

Prof (Dr) RakeshPatil  
Sandip Institute of Technology & Research Centre  
Nasik

Prof. Dr. Techn. Murthy Chavali  
Chief Scientist, Nanotechnology  
Andhrapradesh

### International Advisory Board

Dr. Mahadeva Rao  
Universiti Sultan Zainal Abidin  
Malaysia

Dr. Mohd Kamarulzaki Mustafa  
Universiti Tun Hussein Onn  
Malaysia

Dr. Kavikumar Jacob  
Universiti Tun Hussein Onn  
Malaysia

Dr. Ramani Kannan  
Universiti Teknologi Petronas  
Malaysia

### Conveners

Dr. V.Chandrasekar  
Thiruvalluvar University College  
of Arts and Science  
Thennangur

Dr. G.M.Alagu Lakshmanan  
Thiru Kolanjiappar Government  
Arts College  
Vriddhachalam

Dr. K.Balasubramaniam  
Arignar Anna Government  
Arts College  
Attur

Dr. K.Karthikeyan  
School of Advanced Sciences  
VIT, Vellore

Dr. V.J.Chakravarthy  
The New College  
Chennai

Dr. R.Vijayakumar  
Periyar Government Arts College  
Cuddalore

Dr. T.Sabesan  
Annamalai University  
Chidambaram

## Correspondent

**Dr. Kasi Kamalakkannan**  
CEO, Arunai International Research Foundation  
Tiruvannamalai, Tamil Nadu  
Cell: +9443814158  
nus.airf1@gmail.com  
www.arunai.in