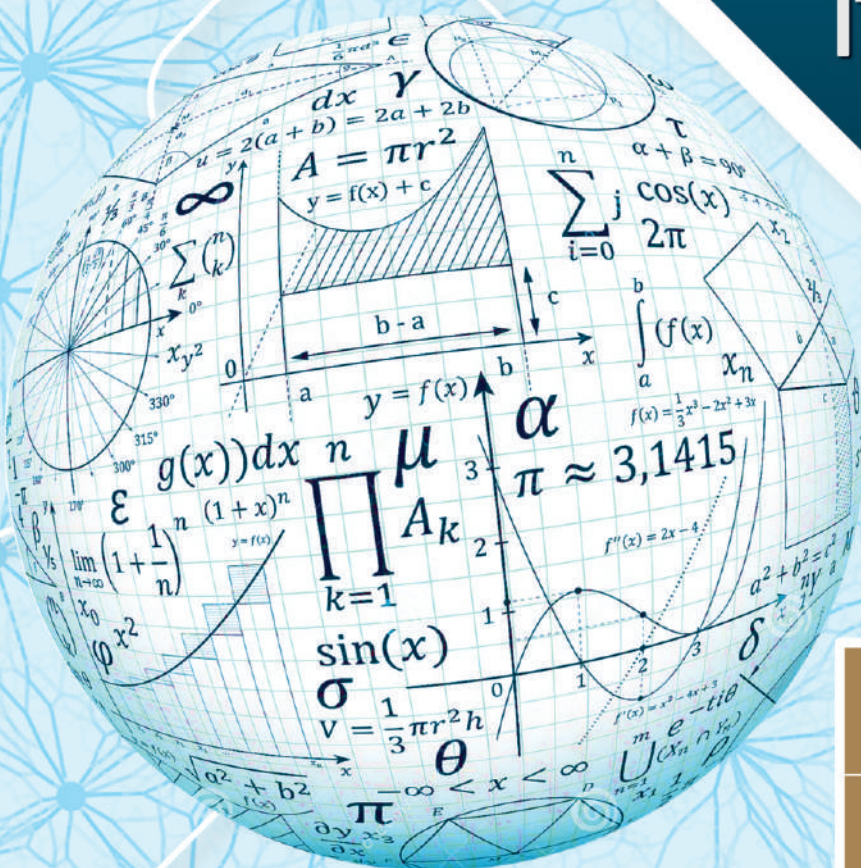


ICNTAMSA  
2021

# INTERNATIONAL CONFERENCE ON NEW TRENDS IN APPLIED MATHEMATICAL SCIENCES AND ITS APPLICATIONS



Date

21-08-2021 & 22-08-2021

Mode

Online (Platform-Zoom)

**Jointly Organized By**



Arunai International  
Research Foundation,  
India



Sanata Dharma University,  
Yogyakarta,  
Indonesia.

Registration Link

[www.arunai.in/icntamsa/2021.phb](http://www.arunai.in/icntamsa/2021.phb)

## Sanata Dharma University

Sanata Dharma University aims to educate the youths by integrating academic excellence and humanistic values rooted in the universal Christian values and humanity as stated in Pancasila (the ideology of five principles), so that the youth would obtain academic abilities in accordance with their major and high integrity.

## Arunai International Research Foundation

Arunai International Research Foundation was founded in February 25th, 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.

## Objective of the Conference

The main objective of this International Conference is to bring together Senior and Young Researchers working in the area of Applied Mathematical Sciences and allied areas to exchange new schemes and to discuss current challenging issues.

## Keynote Speakers



**Dr Vishnu Narayan Mishra**  
Professor & Head,  
Dept. of Mathematics  
Indira Gandhi National  
Tribal University  
Madhya Pradesh

**Dr.Sandra Pinelas**  
Academia Militar  
Dept. de Ciências  
Exactase Naturais,  
Av. Conde Castro Guimarães,  
Portugal



**Dr. Kavikumar Jacob**  
Associate Professor  
Dept. of Mathematics and Statistics  
Faculty of Applied Sciences  
and Technology  
Universiti Tun Hussein  
Onn Malaysia  
Malaysia

**Dr. Herry Pribawanto Suryawan**  
Associate Professor of Mathematics &  
Chairman of Institute for  
Research and Community Services  
Sanata Dharma University, Yogyakarta  
Indonesia



## ORGANISING COMMITTEE

### CHIEF PATRON

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

### CONFERENCE CHAIRMAN

**Dr. Sudi Mungkasi**  
Associate Professor, Department of Mathematics &  
Dean Faculty of Science and Technology,  
Sanata Dharma University, Yogyakarta, Indonesia.

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CEO  
Arunai International Research Foundation,  
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**Dr. M. Seenivasan**  
Associate Professor and Coordinator  
Department of Mathematics, DDE,  
Annamalai University, Annamalai Nagar

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**Dr. Hartono**  
Department of Mathematics,  
Faculty of Science and Technology,  
Sanata Dharma University, Yogyakarta, Indonesia

**Dr. Lusia Krismiyati Budiasih**  
Department of Mathematics,  
Faculty of Science and Technology,  
Sanata Dharma University, Yogyakarta, Indonesia

**Dr. Marcellinus Andy Rudhito**  
Department of Mathematics Education,  
Faculty of Teacher Training and Education,  
Sanata Dharma University, Yogyakarta, Indonesia

**Dr. Eko Budi Santoso, S.J.**  
Department of Mathematics Education,  
Faculty of Teacher Training and Education,  
Sanata Dharma University, Yogyakarta, Indonesia.

### GUEST EDITORS

**Dr. K. Karthikeyan**  
Professor and Head  
School of Advance Science  
Vellore Institute of Technology  
Vellore, India

**Dr. Herry Pribawanto Suryawan**  
Associate Professor of Mathematics &  
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Research and Community Services  
Sanata Dharma University, Yogyakarta, Indonesia

**Dr. Suliadi Firdaus Sufahani**  
Head of Statistics  
Department of Mathematics and Statistics  
Faculty of Applied Sciences and Technology  
Universiti Tun Hussein Onn Malaysia, Malaysia

**Dr. M. Seenivasan**  
Associate Professor and Coordinator  
Department of Mathematics - DDE  
Annamalai University  
Annamalai Nagar, India

## PAPER PUBLICATION

After pre-review and peer review process by at least two reviewers, selected high quality papers will be recommended to get published in the following journal.

**JOURNAL OF PHYSICS:  
CONFERENCE SERIES**

**IOP Publishing**

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Web of Science™**



## Call for Papers

Researchers and practitioners are encouraged to submit original, unpublished contributions. The topics of interest include but are not limited to:

### Sub Theme

- |                          |                                    |                           |
|--------------------------|------------------------------------|---------------------------|
| • Applied Algebra        | • Financial Mathematics            | • Mathematical Mechanics  |
| • Applied Analysis       | • Fluid Dynamics                   | • Mathematical Modelling  |
| • Applied Topology       | • Fuzzy Differential Equations     | • Mathematical Physics    |
| • Computer Mathematics   | • Fuzzy logic and its Applications | • Magneto Hydrodynamics   |
| • Control Theory         | • Computational Chemistry          | • Mathematical Statistics |
| • Cryptography           | • Fuzzy Sets and System            | • Numerical Techniques    |
| • Decision Science       | • Heat & Mass Transfer             | • Neural Networks         |
| • Differential Equations | • Image Processing                 | • Number Theory           |
| • Differential Geometry  | • Information Theory               | • Operation Research      |
| • Discrete Mathematics   | • Mathematical Biology             | • Mathematical Chemistry  |

### Submission Guidelines

Authors are invited to submit technical papers on their research relevant to the conference theme. Accepted full papers will be published in (submitted to Scopus, EI Compindex and Inspec for indexing)

- Make sure your paper is formatted according to the template:
  - Microsoft Word templates
  - LaTeX2e class file
- Manuscripts must be written in English with a minimum paper length of 4 pages including figures and preferably no more than 6 pages.
- Plagiarism (including self-plagiarism) is strongly prohibited. Paper originality will be checked for several times during the review process and before publication.
- Acceptance or rejection will be announced after the peer review process.

### Important Dates

**Last Date for Submission of full Paper : 31<sup>st</sup> July 2021**

**Notification of Acceptance : 5 days after Submission**

**Registration Deadline : 2<sup>nd</sup> August 2021**

**Conference Date : 21/08/2021 & 22/08/2021**

**E-mail to which the paper should be sent : directorairf1@gmail.com**

### Registration Details

**For Indian Students / Research Scholars : 7500 INR**

**For International Students / Research Scholars : 120 USD**

**For Indian Delegates : 8000 INR**

**For International Delegates : 140 USD**

**Payment Mode : RTGS/NEFT/DD/Multicity check is to be made in favor of Account Holder**

**Name : Arunai International Research Foundation**

**A/C No : 35804937280**

**Bank : State Bank of India**

**Branch : 34, KosaMada Street, Tiruvannamalai – 606601**

**IFSC Code : SBIN0000938**

### CORRESPONDENT

**Dr. Kasi Kamalakkannan**

CEO, Arunai International Research Foundation, Tiruvannamalai, Tamil Nadu

Cell: +9443814158, directorairf1@gmail.com, www.arunai.in