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Dr. M. Clement Joe Anand
Assistant Professor, Mount Carmel College (Autonomous), Affiliated to Bengaluru City University, Bengaluru, Karnataka, India.
Dr. R.G. Padmanabhan
Managing Director, DJ Academy – Deccan International Academic Publisher, Kumbakonam, Tamilnadu

Keynote speakers

Day-I Date: 18.03.2024

@ Sri Vidya Mandir Arts & Science College (Autonomous)
Vignesh Nagar, Katteri – 636 902, Uthangarai, Krishnagiri (Dt), Tamilnadu, India



Dr. Sanjeev Anand Sahu
Associate Professor, Department of Mathematics & Computing
Indian Institute of Technology (ISM), Dhanbad, Jharkhand, India
Title: Differential equations: A gateway to research in Applied Mathematics



Dr. M. Clement Joe Anand
Assistant Professor, Department of Mathematics
Mount Carmel College (Autonomous)
Affiliated to Bengaluru City University, Bengaluru Karnataka, India.
Title: Mathematical Modelling and Transformation



Dr. Prakash R
Associate Professor,
Department of Mathematics
RV College of Engineering, Mysore Road, Bengaluru, Karnataka
Title: Mathematics for Science and Engineering Applications



Dr. Shanta Laishram
Professor of Mathematics,
Theoretical statistics & Mathematics Unit Indian statistical
institute, New Delhi, India.
Title: Number Theory and Cryptography, the science of secure communications

Day-II Date: 19.03.2024

@ Nirmala College for Women (Autonomous),
Red Fields, Coimbatore, Tamilnadu



Fathalla A. Rihan
Associate Professor, Department of Mathematical Sciences,
College of Science, United Arab Emirates
Title: Quality Delay Differential Equations and Applications To Immunology



Dr. Muhammad Imran Asjad
Associate Professor, Department of Mathematics,
University of Management and Technology, Lahore, Pakistan,
Title: Fractional modelling of transport phenomena with generalized laws.



Dr. G. Muhiuddin
Associate Professor, Department of Mathematics
University of Tabuk, Tabuk, Saudi Arabia
Title: Application of Fuzzy Set Theory in the Study of Algebraic Structure



Dr. P. Karthikeyan
Associate Professor, Department of Management Studies,
Kongu Engineering College, Perundurai, Erode, Tamilnadu, India
Title: Artificial Intelligence in Higher Education

Day-III Date: 20.03.2024

@ RV College of Engineering (Autonomous)
Mysore Road, Bengaluru, Karnataka, India



Dr. Ovidiu Bagdasar
Associate Professor in Mathematics,
School of Computing and Engineering
University of Derby, UK
Title: Dynamic Geometry classical results and recent advances



Dr. Deepjyoti Goswami
Assistant Professor, Department of Mathematical Sciences,
Tezpur University, Napaam, Tezpur. Dist. Sonitpur, Assam, India
Title: Optimal error estimate of a two-grid DG approximation for time-dependent incompressible Navier-Stokes equations



Dr. Kavi Kumar Jacob
Associate Professor,
Faculty of Applied Science and Technology,
Universiti Tun Hussein Onn Malaysia,
Title: Deep Learning Approach for Actuarial Mathematics



Dr. Muhammad Bilal Riaz
Senior Researcher, Advanced Data Analysis and Simulations Lab,
VSB - Technical University of Ostrava, Czech Republic
Title: Introduction to Fractional Calculus and its applications to the problems related to memory effects

INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELLING AND INTELLIGENT SYSTEMS

Date: 18th - 20th March, 2024



Organized by
Department of Mathematics, Computer Science & Applications
SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE (AUTONOMOUS)
Vignesh Nagar, Katteri – 636 902, Uthangarai, Krishnagiri (Dt), Tamilnadu, India



In association with
GERIZIM ACADEMY OF RESEARCH AND DEVELOPMENT, BENGALURU
DJ ACADEMY – DECCAN INTERNATIONAL ACADEMIC PUBLISHER, KUMBakonam

In collaboration with



**NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS),
COIMBATORE, TAMIL NADU**



**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF
ARTS & SCIENCE (AUTONOMOUS),
PERIYANAICKENPALAYAM, COIMBATORE, TAMIL NADU**



**RV COLLEGE OF ENGINEERING (AUTONOMOUS),
INSTITUTION AFFILIATED TO VISVESVARAYA TECHNOLOGICAL
UNIVERSITY, BENGALURU, KARNATAKA**



**VELALAR COLLEGE OF ENGINEERING AND
TECHNOLOGY (AUTONOMOUS),
THINDAL, ERODE, TAMIL NADU**



**SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE
(AUTONOMOUS),
KATTERI – 636 902, UTHANGARAI, KRISHNAGIRI (DT)**



**SACRED HEART COLLEGE (AUTONOMOUS),
TIRUPATTUR, TAMILNADU**

About the conference

The Conference focuses on the research areas of pure Mathematics, Applied Mathematics and Computational Science, Computer Science and Applications in Multi-disciplinary areas, such as Physics, Chemistry, Biology, Medical, Geology, Zoology, Economics, Commerce, Business, Engineering and Technology. It aims to provide a platform for experts and scholars, engineers and technicians and technology, R&D personnel engaged in relevant research to share scientific research results to understand the academic development trends, broaden research ideas, strengthen academic research and discussion and promote industrial cooperation of academic achievements.

About the collaboration and association

This conference is collaborated with the highly reputed institutions, Nirmala College for Women (Autonomous) Coimbatore, Tamil Nadu, Sri Ramakrishna Mission Vidyalaya College of Arts & Science (Autonomous) Coimbatore, RV College of Engineering (Autonomous), Bengaluru, Velalar College of Engineering and Technology (Autonomous), Thindal, Erode, Tamil Nadu, Gerizim Academy of Research and Development, Bengaluru, DJ Academy – Deccan International Academic Publisher, Kumbakonam. We have chain connected with the all the institutions, industries and also tie-up with the highly reputed publisher in different stream. So, we can make the publications as per the participants requirement and the quality of the paper.

Call for the papers

- Linear algebra
- Matrix theory
- Vector analysis
- Complex analysis
- Differential equation
- Laplace transform
- Fourier analysis
- Numerical Analysis
- Probability theory
- Mathematical Statistics
- Combinatorial Mathematics
- Measure theory
- Information Theory
- Analytic number theory
- Numerical calculation
- Software development
- Fuzzy mathematics and mathematical logic
- Algorithms of graph theory and combinatorics
- Fuzzy graph theory
- Complex integral equation and the numerical method
- Numerical analysis
- Neutrosophic Sets and Applications
- Plithogenic Sets and Applications
- Complex analysis and special functions
- Computational geometry
- Computing technology and application of high-performance computing science
- Mathematical modelling
- Nonlinear analysis
- Modular and representation theory
- The algebraic topology
- The mutation theory
- Lie group and lie algebra
- Functional analysis
- Differential geometry
- Complex analysis
- Set theory
- Ordinary differential equation
- Partial differential equation
- Field and Galois theory
- Harmonic analysis
- The topological algebra
- Mathematical logic
- Algebraic number theory

Registration Details

Last date for submission of Abstract : 15th March 2024
Last date for registration : 18th March 2024
Last date for submission of full paper : 20th March 2024

Registration Fee

Any one of the authors must be register for the conference

Category	National (India) INR	International (other than India) - USD
Industrial Presons	3500/-	\$40
Academician and R&D Department	3225/-	\$38
Ph.D. Research Scholars	1500/-	\$20
PG Students	1000/-	\$15
UG Students	750/-	\$10
Participants	500/-	\$8

Submission of the Abstracts and Registration Details

Step 1 : The authors invited to submit the abstract with the prescribed format to the mail id/registration link: <https://forms.gle/SxA4F7u1kXeDATHNA>

Paper with the prescribed format

Paper should not exceed 8 (eight) pages in A4 Size Sheets
Font: Times New Roman
Margins: Left = 1.5 Inch Right, Top & Bottom = 1.0 Inch
Abstract: 11 Point Italic with single line spacing to be placed after title and other details.
Key words: should not exceed 6 (six words)

Text: 12 Point normal justified Para heading: 12 Point Bold Sentence Case Spacing = 1.5 lines Figures to be inserted in jpg Format.

At least one of the authors is required to register and attend the conference for presenting the paper.

Maximum number of authors is 4 (Four)

E-mail of the corresponding author should be given.

Step 2 : You will be receiving the acceptance/rejection email in three working days after submission of abstract.

Step 3 : You are invited to register according to the applicable fee, which is mentioned in the above table.

Step 4 : Submit the payment slip along with the required details to the registration for (<https://forms.gle/SxA4F7u1kXeDATHNA>)

Step 5 : Any one of the authors must be register for the presentation, if any of the author presenting two or more papers, each paper will be considered as a fresh registration.

Step 6 : Maximum two authors can present one paper, in this case additional charges is applicable for the second author for the presentation, kindly contact the conference team for the additional fee.

Step 7 : The conference will be conducted in three different locations for all the three days

Day 1: 18th March 2024 - (Sri Vidya Mandir Arts & Science College (Autonomous), Krishnagiri)

Day 2: 19th March 2024 - (Nirmala College for Women (Autonomous), Coimbatore, Tamil Nadu)

Day 3: 20th March 2024 - (RV College of Engineering (Autonomous), Bengaluru, Karnataka)

Step 8 : Based on the convenient of the participants, they can choose, the venue for the Physical Presentation

Paper Presentation for three days:

Sri Ramakrishna Mission Vidyalaya College of Arts & Science (Autonomous), Coimbatore, Tamilnadu
Velalar College of Engineering and Technology (Autonomous), Thindal, Erode, Tamilnadu
Sacred Heart College (Autonomous), Tirupattur, Tamilnadu

Submission of the full paper and Publication details

All the accepted, registered, successfully presented paper (less than 10% plagiarism, Turnitin) will be considered for the paper publications. Upon first round of peer reviewed, your paper will be considered for the Scopus, SCI and peer reviewed journal & book series with additional nominal fee. The publication fee may vary for each journal. You are informed to contact Dr. Ragavan for publications related details.

Note: Strictly follow the international conference guidelines and publication ethics. Misconduct of publications ethics of the journal, book series and conference norm will lead to legal action against the corresponding author and co authors of the respective paper.

List of journals for free publication

- International Journal of Advanced Fuzzy Sets and Systems
- International Journal of Advanced Graph Theory Systems
- International Journal of Advanced Mathematics and Computer Science Systems
- International Journal of Advanced Commerce, Business and Management Systems
- International Journal of Advanced Engineering and Technology Systems.

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Dr. **Britto Antony Xavier**, Sacred Heart College, Tirupattur, Tamilnadu • Mail id : brittoshc@gmail.com

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