VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

International Symposium on Mathematical Analysis of Fractals and Dynamical Systems – 2023 (ISMAFDS-2023)
Hybrid Mode
24th – 25th August 2023

ABOUT THE INSTITUTE

Vellore Institute of Technology was founded in 1984 in the name of "Vellore Engineering College" by the Chancellor Dr. G. Viswanathan. From it's humble beginning, the institution has grown exponentially to that of having more than 36,000 students. Students from all the states of India and from more than 60 countries are studying at VIT. University status was conferred in 2001 by MHRD, Govt. of India in recognition of its excellence in academics, research and extra curricular initiatives. Currently, VIT has 4 campuses–in Vellore, Chennai, Amravati (AP) and Bhopal (MP). The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has ranked 10th in Research, 12th in th Engineering Category and 9th in University Category in 2022. VIT has gone for accreditation by NAAC [India], IET [UK], and ABET [USA] and follows world class academic processes. VIT is the first and only University in India to get 4-star rating from QS, the world universities ranking organization. VIT has also been ranked in the top 301-350 in Times Higher Education (THE) World University Ranking (Emerging Economies) in 2022 and in the top 173 in QS Asia Ranking.

ABOUT THE SCHOOL

School of Advanced Sciences (SAS), which was established in the year 1984, comprises Mathematics, Physics, and Chemistry departments. The vision of the School is to provide quality teaching and research, which would make an impact at a global level. The School consists of a total of 277 experienced and energetic faculty, which includes 133 in Mathematics, 66 in Physics, and 78 in Chemistry. The research activities, publications and fruitful interactions with the industry are a testimonial to the expertise of the faculty in VIT. The School offers Masters Programs in Data Science, Business Statistics, Physics and Chemistry; Integrated Masters Programs in Mathematics, Chemistry, Physics and Computational Statistics & Data Analytics. The School offers Ph.D. programs in frontier research areas in all THREE disciplines. The candidates selected through a National level test and a comprehensive interview, undertake extensive course work and the School has on roll 961 Ph.D. Scholars.

ABOUT THE DEPARTMENT

The Department of Mathematics at VIT was established in 1984. The department strives to be recognized for excellence among academic institutions in India and abroad. Currently, the Mathematics department has 132 faculty members who support the other engineering departments through teaching and also actively involved in academic research in different areas. The department offers Ph.D. programmes in Mathematics, Statistics and Data Science in addition to M.Sc. (Data Science), M.Sc. (Business Statistics), Integrated M.Sc. (Computational Statistics and Data Analytics), and Integrated M.Sc. (Mathematics) programmes. The department emphasises on offering a comprehensive undergraduate, graduate, and research curriculum. The department will focus on research that is core of its field, promote cutting-edge, original research, and strengthen our role as a hub for top quality research in the world. We emphasis on higher education and Mathematics research in emerging areas such as AI, ML and Data science. For this purpose, we will adopt flexible approaches for reorganization and establishment of new initiatives within the department. The Department of Mathematics, School of Advanced Sciences (SAS), Vellore Institute of Technology, Vellore has obtained QS world university ranking by subject as 351-400 (International) and QS world university ranking by subject as 11 (National).

ABOUT THE SYMPOSIUM

This Symposium is aimed at exchanging the concept of fractals among the Mathematicians across the world. In addition, ISMAFDS- 2023 creates opportunities to young researchers to attend talks of International level experts, interact with specialists during short discussion. It can be a platform for the participants to share their research findings and to discuss about the contemporary research scenario in fractals, dynamical systems and its applications. The Symposium may support the authors to publish their research work in the reputed journals/proceedings. The scientific speakers are expected from the esteemed institute in Portugal, Italy, Malaysia and India.

ORGANIZING COMMITTEE

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INVITED SPEAKERS

Dr. Cristina Serpa
University of Lisbon, Portugal.
Dr. Santo Banerjee
Politecnico di Torino, Italy.
Dr. Kishore Bingi
Universiti Teknologi Petronas, Malaysia.
Dr. R. Uthayakumar
The Gandhigram Rural Institute, India.
Dr. N. Balasubramani
National Institute of Technology Tiruchirappalli, India.
Dr. R. Rakkiyappan
Bharathiar University, India.
Dr. G. Nagamani
The Gandhigram Rural Institute, India.

CALL FOR PAPERS

Topics include, but are not limited to:
- Fractals
- Multifractals
- Fractal Dimensions
- Dynamical Systems
- Fixed Point Theory
- Chaos, Complexity
- Neural Network and Synchronization
- Fractals in Machine Learning and Artificial Intelligence
- Fractional and Nonlinear Dynamical System
- Mathematical Modelling and Simulation
- Image and Signal Analysis

Research papers in other fields having fractals and dynamical system related topics are also welcome.

IMPORTANT DATES

Last Date for Abstract Submission : 15.07.2023
Acceptance Notification   : 20.07.2023
Last Date for Registration   : 18.08.2023
Registration Confirmation   : 20.08.2023

Symposium Dates : 24.08.2023 - 25.08.2023

ABSTRACT SUBMISSION

The authors are pleasingly invited to submit the abstract of papers of their original, unpublished, research contribution which is not currently under review by another conference or journal. Only the accepted and registered papers will be allowed to present in this symposium. The authors are requested to electronically submit their abstract as per the given template (available in the Downloads menu of the symposium website) by using the following web link.

https://shorturl.at/cACFQ

POST SYMPOSIUM PUBLICATIONS

After the peer review process, the selected full-length papers will be submitted for possible publication in reputed international journals / proceedings.

REGISTRATION FEE*

Participants	Indian Delegates	Foreign Delegates
With Presentation	1000 (INR)	200 (USD)
Without Presentation	500 (INR)	100 (USD)

*The registration fee has to be paid along with GST (Tax) through the symposium website.

CONTACT DETAILS

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