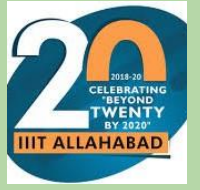




**CFAF-2024**



**Conference on**  
**Functional Analysis**  
**and Fractals**

Organized by  
**Department of Applied Sciences**  
**IIIT Allahabad**  
February 16 - 18, 2024



## About Conference

The Department of Applied Sciences, IIT Allahabad is going to organise an online Conference on Functional Analysis and Fractals during February 16 - 18, 2024. The conference aims to provide a platform for participants to exchange knowledge, share their research findings, and discuss the latest advancements in Functional Analysis, Fractals and their applications. It serves as an excellent opportunity for participants to interact with experts, collaborate on projects, and explore new avenues of mathematical research.

The organizers have meticulously designed a program that encompasses various aspects of Functional Analysis and Fractals, ensuring a comprehensive and diverse range of topics will be covered. Distinguished mathematicians and scholars have been invited as keynote, plenary and invited speakers to deliver insightful talks on their respective areas of expertise. These talks will offer a broad perspective on the current state of mathematics, highlighting breakthroughs, challenges, and emerging trends in the field.

In addition to these sessions, the conference will feature parallel sessions in which researchers will present their papers and findings. Overall, the Conference on Functional Analysis and Fractals is an eagerly anticipated event that will provide an ideal platform for mathematicians, researchers, and scholars to come together, exchange ideas, and contribute to the growth of the field.

## About Institution

The Indian Institute of Information Technology Allahabad (IIIT-A) was established in 1999, as a center of excellence in Information Technology (IT) and allied areas. The institute was declared as an "Institute of National Importance" by the Act of the Parliament, Govt. of India in 2014. The Institute has been conceived with the objective of developing professional expertise and skilled manpower in IT and areas of allied research. As an apex institute in the area of IT, IIIT-A has been contributing towards strengthening the indigenous capability necessary for exploiting profitably and harnessing multi-dimensional facets of IT and allied areas at all levels, and attaining expertise to enable the country to emerge as a leading player in the global arena.

The beautiful 100-acre campus, situated at Deoghat, Jhalwa, designed meticulously on the Penrose Geometry pattern, is being further topped by fine landscaping to give an all round soothing effect to create a stimulating environment. The campus is envisaged to be a fully residential one, with all its faculty, staff, and students housed in different pockets. All academic and residential areas are connected to the Institute network.

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## About Department of Applied Sciences

The Department of Applied Sciences is an integral component of the academic ecosystem of the Indian Institute of Information Technology, Allahabad. The department conducts postgraduate and research programs in Bioinformatics and Biomedical engineering. The courses that are conducted as such are offered for students aspiring undergraduate (5-year dual degree), post graduate (2-year program) and PhD program. The department also contributes to various courses in physics and mathematics running in other departments of the institute.



## ★ KEYNOTE SPEAKERS

- **PROF. JAYDEB SARKAR** (ISI Bangalore, India)
- **PROF. ROGER D. NUSSBAUM** (Rutgers University, USA)

## ★ PLENARY SPEAKERS

- **PROF. AMIT PRIYADARSHI** (IIT Delhi)
- **PROF. ANTONIO JIMÉNEZ VARGAS** (University of Almería, Spain)
- **PROF. D. R. SAHU** (Banaras Hindu University, India)
- **PROF. DIJANA ILIŠEVIĆ** (University of Zagreb, Croatia)
- **PROF. G. RAMESH** (IIT Hyderabad, India)
- **PROF. J. K. PRAJAPAT** (Central University of Rajasthan, India)
- **PROF. JONATHAN FRASER** (University of St. Andrews, United Kingdom)
- **PROF. LARS OLSEN** (University of St. Andrews, United Kingdom)
- **PROF. NGAI-CHING WONG** (National Sun-Yat Sen University, Taiwan)
- **PROF. PETER MASSOPUST** (Technical University of Munich, Germany)
- **PROF. SYED ABBAS** (IIT Mandi, India)
- **PROF. TAPOBRATA LAHIRI** (IIIT Allahabad, India)
- **PROF. TANMOY SOM** (IIT (BHU), India)
- **PROF. TUSHAR DAS** (University of Wisconsin-La Crosse, USA)
- **PROF. YONGSHUN LIANG** (Nanjing University of Science and Technology, China)

## ★ INVITED SPEAKERS

- **DR. ARUP CHATTOPADHYAY** (IIT Guwahati, India)
- **DR. C. R. JAYANARAYANAN** (IIT Palakkad, India)
- **DR. DEBMALYA SAIN** (IIIT Raichur, India)
- **DR. IZHAR UDDIN** (Jamia Millia Islamia, India)
- **DR. JAVID ALI** (Aligarh Muslim University, India)
- **DR. MANOJ KUMAR** (IISc Bangalore, India)
- **DR. NISAR AHMAD LONE** (JK Institute of Mathematical Sciences, India)
- **DR. RAHUL MAURYA** (IIT Kanpur, India)
- **DR. SOURAV PAL** (IIT Bombay, India)
- **DR. SUDHAKAR CHAUDHARY** (IITRAM, India)
- **DR. SUNIL KUMAR** (NIT Jamshedpur, India)
- **DR. TANVI JAIN** (ISI Delhi, India)
- **DR. TANMOY PAUL** (IIT Hyderabad, India)
- **DR. YA-SHU WANG** (National Chung Hsing University, Taiwan)

## ORGANIZERS

### CHIEF PATRON

PROF. MUKUL SHARAD SUTAONE  
DIRECTOR, IIIT ALLAHABAD

### CHAIRPERSON

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HoD, Department of Applied Sciences, IIIT Allahabad

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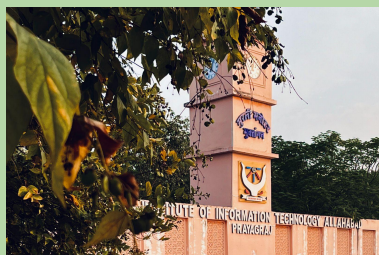
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IIIT ALLAHABAD

MR. VISHAL  
AGRAWAL  
IIIT VADODARA



## REGISTRATION

### Process

- Participants from India: Click on the [link](#) for payment of registration fee. Read the instructions. In the event column, scroll down to select Online Conference on Functional Analysis and Fractals for PhD Student, Postdoc or Faculty. Note down the transaction ID.
- Participants from outside India: Pay the registration fee through Electronic Transfer. Account details are given below. Note down the transaction ID.
- After paying the registration fee, fill the [Registration form](#) with your basic details and transaction ID.
- No refund will be entertained under any circumstances.
- In case you need any other details or clarification, please mail us at [cfaf@iiita.ac.in](mailto:cfaf@iiita.ac.in) or contact Dr. Saurabh Verma at +91 99848 98537.
- **Last date of registration and abstract submission is February 13, 2024.**

Further details can be found at [cfaf.iiita.ac.in](http://cfaf.iiita.ac.in).

### Fees

M.Sc./ Ph.D/ Postdoc/ Faculty (without contributory talk)	INR. 500
Ph.D. Students	INR. 1000
Postdoctoral Fellows	INR. 1500
Faculty	INR. 2000
Foreign Participants	USD. 60

## PUBLICATION

### Contributed talks

We are also looking forward to about 60 contributed talks by PhD students/Postdocs/faculties which will mainly be presented in three Parallel Sessions.

### Best Paper Awards

This conference will provide best paper presentation awards to 9 Ph.D. students (for first, second, and third positions in the topics of parallel sessions) based on their presentation skills in the contributory sessions.

### Publication Avenues

The accepted manuscripts will be published in a Scopus/WOS/ UJR/ Conference proceeding, subject to the review process and publication charges by the respective journal's guidelines. Information related to abstract submission/paper submission will be shared shortly.

## CONTACT DETAILS

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