

One Day National Seminar (Blended Mode)

On

Fractal Geometry: Exploring the Infinite Complexity in Nature and Mathematics

4th October 2024



Organized by

Department of Mathematics

In

Collaboration with IQAC, Dumkal College
Murshidabad, West Bengal



About the Seminar

The Department of Mathematics, in association with IQAC, Dumkal College, is organizing a One-Day National Seminar on " *Fractal Geometry: Exploring the Infinite Complexity in Nature and Mathematics.*" This seminar aims to explore the fascinating world of fractals—geometric shapes that exhibit self-similarity and infinite complexity. It will feature talks by leading experts, providing a platform for knowledge sharing and discussion on the latest research and applications of fractal geometry.

Theme Areas

- Fractals in Nature
- Applications in Science and Technology
- Fractals in Art and Design
- Advanced Research
- Educational Implications
- Complex Analysis and Fractals

Participants

- **Academicians and Researchers:** From mathematics and related fields.
- **Students:** Postgraduate and undergraduate students interested in fractals and their applications.
- **Industry Professionals:** From technology, finance, data science, and digital art.
- **Mathematics Enthusiasts:** Anyone keen to explore fractal geometry and its complexities.

Call for Papers and Abstracts

We invite researchers, academicians, and students to submit abstracts (max 300 words) for paper presentations at the Seminar and the abstracts to be submitted by 17.09.2024 to mathdepartment.dcb@gmail.com. Selected authors will be invited to submit full-length papers (max 6,000 words) in both WORD and PDF for publication in an edited volume with an ISBN. Full papers must follow the guidelines and to be submitted by 20.09.2024 to mathdepartment.dcb@gmail.com.

Resource Persons



Prof. (Dr.) Arya Kumar Bedabrata Chand
Professor, Department of Mathematics,
IIT Madras, Chennai - 600036, India.



Dr. Gorachand Chakraborty, Assistant
Professor, Department of Mathematics,
Sidho-Kanho-Birsha University, Purulia,
West Bengal, India.

Organizing Committee

Chief Patron

Sri Jafikul Islam, Hon'ble President, Governing Body

Patron

Dr. Bhabesh Pramanik, Principal

Convenor

Dr. Tanchar Molla, Assistant Professor of Mathematics

Co -Convenor

Mr. Yasin Nuree, Assistant Professor of Chemistry

Treasurers

Dr. Md. Hyder Ali, SACT, Department of Mathematics

Dr. Nabin Chandra Maity, Asst. Prof. of Chemistry

Advisors

Dr. Sandip Kumar Rajak, IQAC Coordinator & Assoc.
Prof. of Chemistry

Dr. Achintya Kumar Gangopadhyay, Assoc. Prof. of
Bengali

Dr. Debasis Bandyopadhyay, Assoc. Prof. of Commerce

Mr. Manas Ranjan Chaudhuri, Assoc. Prof. of English

Mr. Jayanta Kar, Assoc. Prof. of History

Dr. Swati Molla, Assoc. Prof. of Geography

Mr. Arnav Debnath, Assoc. Prof. of Political Science

Registration fee Details

Participant	Offline	Online
Teacher/Researcher (Paper Presenter)	Rs. 500	Rs. 400
Teacher	Rs. 400	Rs. 300
Student	Rs. 150	Nil

Registration Link: <https://forms.gle/F2Db9bz76esfGCTr6>

Payment UPI Id: 9734394308@ybl

**Advance Registration is mandatory on or before
2.10.2024**

For any query please contact: 9734394308/ 9647204719

Email: mathdepartment.dcb@gmail.com