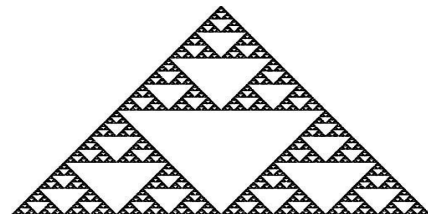
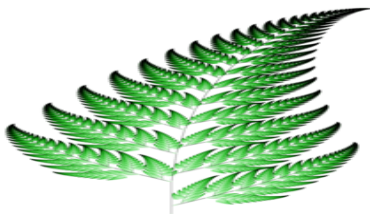


FGRF-2024 Program Schedule

(April 05 - 07, 2024)

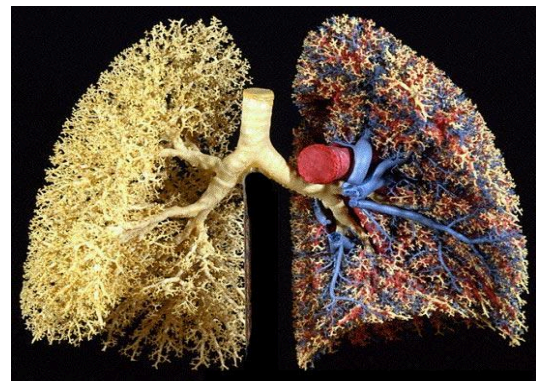
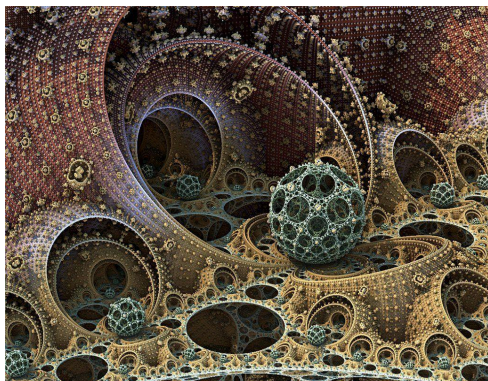
Day1: 05 April, 2024 (Friday)

Inaugural Session		
9:10 – 9:15	Welcome note by Dr. Saurabh Verma	
9:15 – 9:20	Address by Dr. Pramod Kumar, HoD, Department of Applied Sciences	
Session I		
Chairperson: Dr. Subhash Chandra and Dr. Swapnil Verma		
Time	Speaker	Topic
9:20 – 10:15	Dr. Saurabh Verma, IIIT Allahabad	Introduction to Fractal Geometry, Complete metric spaces and compact sets
10:20 – 11:00	Dr. Anuj Kumar, Siddharth University Kapilvastu	Banach fixed point theorem and its applications
11:05 – 11:45	Dr. Rattan Lal, PEC Chandigarh	Hausdorff Metric
11:50 – 12:25	Dr. Priyamvada, IIT Indore	Algorithms and Complexity results for some Graph Coloring problems
12:30 – 13:30	Dr. Srijanani Anurag Prasad, IIT Tirupati	Sequential Labyrinth Fractal
Session II		
Chairperson: Dr. Anuj Kumar and Dr. Saurabh Verma		
15:00 – 16:00	Prof. Tapobrata Lahiri, IIIT Allahabad	TBA
16:05 – 17:05	Mr. Hemant Kumar, IIIT Allahabad	Tutorial-1
17:10 – 18:10	Mr. Gurubachan, IIT Jodhpur	Tutorial-2



Day2: 06 April, 2024 (Saturday)

Session I		
Chairperson: Dr. Rattan Lal and Dr. Manuj Verma		
Time	Speaker	Topic
9:20 – 9:55	Dr. Satyajit Sahoo, NISER Bhubaneswar	Iterations of meromorphic functions with Baker omitted value
10:00 – 11:00	Dr. Seema Kushwaha, IIIT Allahabad	Groups, Rings, and Continued Fractions
11:05 – 12:05	Dr. Saurabh Verma, IIIT Allahabad	Iterated Function Systems and Fractal sets
12:10 – 13:10	Dr. Saurabh Verma, IIIT Allahabad	Borel probability measures, Monge-Kantorovich metric, and fractal measures
Session II		
Chairperson: Dr. Subhash Chandra and Dr. Narendra Singh Yadav		
15:00 – 16:10	Ms. Harsha Gopalakrishnan, IIT Tirupati	Tutorial-3
16:15 – 17:25	Ms. Megala, IIT Tirupati	Tutorial-4
17:25 – 18:00	Dr. Manuj Verma, IIT Delhi	Hausdorff dimension and Decomposition of functions



Day3: 07 April, 2024 (Sunday)

Session I		
Chairperson: Dr. Anuj Kumar and Dr. Rattan Lal		
Time	Speaker	Topic
09:20 – 9:55	Dr. Subhash Chandra, HRI Allahabad	On box dimension of fractional integrals
10:00 – 11:00	Dr. Senthil Raani KS, IISER Berhampur	Distance set problems
11:05 – 12:05	Dr. Saurabh Verma, IIIT Allahabad	Separation conditions and Dimension of self-similar sets
12:10 – 13:10	Dr. Saurabh Verma, IIIT Allahabad	Conjectures in Fractal Geometry: A highlight
Session II		
Chairperson: Dr. Manuj Verma and Dr. Sneha Garg		
15:00 – 16:10	Mr. Alamgir Hossain, Presidency University	Tutorial-5
16:15 – 17:25	Ms. Ekta Agrawal , IIIT Allahabad	Tutorial-6

