Program Schedule (CGAC-2024)
(May 03-05, 2024)
Day 1: May 03, 2024 (Friday)

INAUGURAL SESSION	
09:10 - 09:15	Welcome note by Dr. Anand Kumar Tiwari
09:15 - 09:25	Address by Chief Guest, Prof. Mukul Sharad Sutaone Hon'ble Director, IIIT Allahabad
09:25 - 09:30	Address by Prof. Pramod Kumar HoD, Dept. of Applied Sciences

MORNING SESSION		
Session I: Invited Talks **Chair Person**: Dr Anand Kumar Tiwari		
Time	**Speaker**	**Title**
09:30 - 10:05	Prof. Tarkeshwar Singh (BITS Pilani Goa)	Graph Coloring and Its Variations
10:10 - 10:45	Dr. Sahadeo Padhye (MNNIT Allahabad)	Cryptographic Application of Graph Theory
Session II: Invited Talks **Chair Person**: Dr. Suman Kumar		
10:50 - 11:25	Prof. Vijay Kumar Bhat (Shri Mata Vaishno Devi University)	On some Topological descriptors of zero-divisor graphs
11:30 - 12:05	Dr. Puspendu Pradhan (IISER Pune)	PGL(2,q)-orbits of lines of PG(3, q) and binary quartic forms
Session III: Invited Talks **Chair Person:** Dr. Saurabh Verma		
12:10 - 12:45	Dr. Dinabandhu Pradhan (IIT (ISM) Dhanbad)	Coloring (P_5, C_4)-free graphs with $\Delta - 1$ colors
12:50 - 13:25	Dr. Md Nasim Akhtar (Presidency University, Kolkata)	Graph Directed Coalescence Hidden Variable Fractal Interpolation Functions

AFTERNOON SESSION		
Session I: Invited Talks **Chair Person:** Dr. Anand Kumar Tiwari		
Time	**Speaker**	**Title**
15:15 - 15:50	Prof. Ismail Naci CANGUL (Bursa Uludag University, Turkey)	Recent Results on Omega Invariant and Realizability
Session II: Contributory Talks		
15:55 - 17:35	5-6 paper presentations	Each talk will be of 20 minutes

Day 2: May 04, 2024 (Saturday)

MORNING SESSION		
Session I: Invited Talks **Chair Person**: Dr Saurabh Verma		
Time	**Speaker**	**Title**
09:15 - 09:50	Dr. Sasmita Barik (IIT Bhubaneswar)	Trees with the reciprocal eigenvalue property
09:55 - 10:30	Dr. Balchand Prajapati (Dr B. R. Ambedkar University Delhi)	Some skew differential identities on Prime rings
Session II: Invited Talks **Chair Person**: Dr. Narendra Singh		
10:35 - 11:10	Prof. Shariefuddin Pirzada (University of Kashmir)	On the Eigenvalues of the Distance Laplacian Matrix of Graphs
11:15 - 11:50	Dr. Binod Kumar Sahoo (NISER Bhubaneswar)	On zero-divisor graphs of local principal ideal rings
Session III: Invited Talks **Chair Person:** Dr. Rattan Lal		
11:55 - 12:30	Dr. Ratnesh Kumar Mishra (NIT Jamshedpur)	Finitely Generated Minimal Linear Code
12:35 - 13:10	Dr. Shubh N. Singh (Central University of South Bihar)	Isolated Gaps in Numerical Semigroups
13:15 - 13:50	Dr. Mahendra Kumar Gupta (IIT Bhubaneswar)	Impulse Minimization, Index Reduction, and Column Regularization for Descriptor Systems
AFTERNOON SESSION		
Session I: Invited Talks **Chair Person:** Dr. Anand Kumar Tiwari		
Time	**Speaker**	**Title**
15:15 - 15:50	Dr. Jitendra Kumar (BITS Pilani)	On Enhanced Power Graph of Finite groups
Session II: Contributory Talks		
15:55 - 17:35	5-6 paper presentations	Each talk will be of 20 minutes

Day 3: May 05, 2024 (Sunday)

MORNING SESSION		
Session I: Invited Talks **Chair Person**: Dr. Rattan Lal		
Time	**Speaker**	**Title**
09:15 - 09:50	Dr. Priyamvada (IIT Indore)	Some complexity results for Injective Coloring Problem and Injective Edge Coloring Problem
09:55 - 10:30	Dr. Binu M (IIIT Kottayam)	On Connectivity Status of Fuzzy Graphs
Session II: Invited Talks **Chair Person**: Dr. Mahendra Kumar Gupta		
10:35 - 11:10	Dr. Anuj Kumar (Siddharth University, Kapilvastu)	Sampling of signals in shift-invariant spaces and graph signals
11:15 - 11:50	Dr. Juhi Chaudhary (TIFR Bombay)	How to Make Knockout Tournaments More Popular?
Session III: Invited Talks **Chair Person:** Dr. Ratnesh Kumar Mishra		
11:55 - 12:30	Dr. Narendra Singh (SRM University, AP)	Uniformly Convergent Computational Method for Singularly Perturbed Time-Dependent Semilinear Convection-Diffusion Equations with Discontinuous Data
12:35 - 13:10	Dr. Bilal Ahmad Rather (United Arab Emirate University, UAE)	Algebraic Invariant of Edge Ideals of Some Graphs
13:15 - 13:50	Dr. Punam Gupta (Devi Ahilya Vishwavidyalaya, Indore)	Discrete version of Guass-Bonnet Theorem
AFTERNOON SESSION		
Session I: Invited Talks **Chair Person:** Dr. Anuj Kumar		
Time	**Speaker**	**Title**
15:15 - 15:50	Prof. Mohammad Sajid (Qassim University, Saudi Arabia)	Fractals with Applications in Graph Theory
Session II: Contributory Talks		
15:55 - 17:35	5-6 paper presentations	Each talk will be of 20 minutes