

ICNDA 2024 SCHEDULE OF ONLINE MODE [Link 4]

*IST= Indian Standard Time
L & S = Link & Session

SL. No	Time	Paper	Paper Title	Name of Presenter	L&S
Total time for Q&A for this session: 15 minutes					
Chair Person: Dr. Soumen Kundu, Department of Mathematics (SAS), VIT, India					
1	10:15-10:25	135	The time fractional Navier-Stokes-Damped equations with slip boundary conditions	Subha Pal	L4 S3
2	10:25-10:35	065	A simple but accurate method of estimation of far field pattern of single-mode triangular index fiber	Jayita Dan	
3	10:35-10:45	045	Investigation of dielectric studies of (Nd _{1-x} Gd _x) ₂ FeCrO ₆ (x = 0.0 – 0.3) Double Perovskite	Nibedita Nayak	
4	10:45-10:55	257	Dynamical Analysis for the Prey-Predator Model in Beddington De-Angelis type Functional Response with Prey Refug	Ashwin A	
5	10:55-11:05	330	Analytical Study of the Vibration Effects Due to Nonlinear Unbalanced Magnetic Pull in Electrical Machines under Static Eccentricity	Rakesh Deore	
Total time for Q&A for this session: 15 minutes					
Chair Person: Dr. Rajeeb Dey, National Institute of Technology Silchar					
6	12:15-12:25	140	Exact Traveling Solutions of the Fractional type Kuramoto-Sivashinsky equation by G'/G-Expansion Method	Arshdeep Kaur	L3 S4
7	12:25-12:35	095	Applications Of Double General Rangaig Integral Transform in Integro-Differential Equations.	Monali Derle	
8	12:35-12:45	164	Multidimensional Extensions of Basic (or q-) Analogs of Certain Erdelyi Type Integrals	Yashoverdhan Vyas	
9	12:45-12:55	174	Modulational instability of spin-orbit coupled Bose-Einstein condensates in staggered mode	R Sasireka	
10	12:55-13:05	317	Exploring Nonlinear Dynamics and Support Vector Machines in Real World Problems	Vaibhavi Zalte	
11	13:05-13:15	082	Analyzing Electrocardiogram Signal Complexity with Weighted Entropy	Sruthi S L	
Total time for Q&A for this session: 15 minutes					
Chair Person: Prof. Prasanta Chatterjee, Department of Mathematics, Visva Bharati University, India					
12	14:00-14:10	213	Spatiotemporal dynamics in prey predator model with group defense	Masoom Bhargava	L3 S5
13	14:10-14:20	080	Stability Analysis of Diffusive Predator-Prey Model Involving Intra-Specific Coefficients with the Concept of Difference Equation	Regan Murugesan	
14	14:20-14:30	350	A Study on Coarse Deg-centric Graphs of Graphs	Timmy Tomy Thalavayalil	
15	14:30-14:40	004	Deflection of a Smooth Cantilever Beam Caused by Fluid Pressure Gradient: A Numerical Investigation	Sudeshna Ghosh	
16	14:40-14:50	011	Cosmological Constant of Einstein's Universe is the result of the spatially closed FRW model	Md Habibur Rahman	
17	14:50-15:00	307	SNR Estimation for Hypercubic Signals in Rayleigh Channels	Jasleen Kaur	
18	15:00-15:10	137	Role of Combined Nonlinear Harvesting in a Prey-predator model	Kshirod Sarkar	
19	15:10-15:20	314	Time Domain analysis of vibration isolator using Newmark method along with Newton Raphson method	Vishwanil Sarnaik	
Total time for Q&A for this session: 15 minutes					
Chair Person: Dr. R. Sivaraj, Dr. B R Ambedkar National Institute of Technology					
20	16:45-16:55	081	Ion Bernstein Mode Instability in Presence of Ion Cyclotron Turbulence Associated with Particle Heating	Raksha Mundhra	L3 S6
21	16:55-17:05	279	Ion acoustic cnoidal waves in an ion-beam multispecies plasma	Lany Dullas	
22	17:05-17:15	061	Non-autonomous for Modified Fifth-order Korteweg-de Vries equation with variable coefficients, Breather, and soliton	Shahul hameed	
23	17:15-17:25	263	Abortion Detection and Monitoring for Empowering Equality through the Integration of Biometric and Artificial Intelligence	Rajneet Kaur	
24	17:25-17:35	255	1/f noise in an extremal model of self-organized criticality	Abha Singh	
25	17:35-17:45	027	Variable order R-L fractional calculus and its Applications	Sayali Nikam	
26	17:45-17:55	142	Soliton dynamics in metamaterial with higher order nonlinear phenomena	Neeraj Sharma	
27	17:55-18:05	346	Maximising Productivity and Revenue by Using AI for Tomato Leaf Disease Detection	Md Aminul Islam	
28	18:05-18:15	357	Non-linear velocity effects on the flow of Newtonian/non-Newtonian basefluids with magnetic/non-magnetic nanoparticles over a stretching sheet embedded in a porous medium	Shekar Saranya	
29	18:15-18:25	141	Solute transport phenomena in a stratified fluid through a porous media with boundary reactions	Susmita Das	
30	18:25-18:35	097	Dynamic Analysis of A New Chaotic System with Multistability, Amplitude and Offset Boosting Control, Its Adaptive Synchronization	RAMESHBABU RAMAR	
Total time for Q&A for this session: 15 minutes					

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