ICNDA 2024 SCHEDULE OF ONLINE MODE [Link 3]

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

SL. No	Time	Paper	Paper Title	Name of Presenter	L&S	
			Chair Person: Prof. Pankaj Chettri, Sikkim Manipal Institute of Technology, India			
1	14:00-14:10	020	*Semi-Analytical Solution for Condensing Coagulation and Lifshitz-Slyozov Models: Variational Iteration Method*	*Gourav Arora*	L3 S1	
2	14:10-14:20	014	*Conditions for R Oscillation Ooset and Flow Stagnation in Oscillating Heat Pipes*	*Z.C. Feng*		
3	14:20-14:30	032	*High cycle fatigue behavior of TIG welded joint at optimum parametric condition*	*Subhas Chandra Moi*		
4	14:30-14:40	352	*Nonlinear propagation of ion acoustic soliton in a magnetized three component relativistic plasma*	*Sagar Barua*		
5	14:40-14:45	003	*Frequency Analysis of Orthotropic Square Plates with Circular Thickness Variations in Two Dimensions*	*Neeraj lather*		
			Total time for Q&A for this session: 15 minutes			
			Chair Person: Dr. Nahid Fatima, Prince Sultan University (PSU), Saudi Arabia			DAY I
6	16:45-16:55	024	*On a Numerical Investigation of MHD Flow of a Hybrid Nanofluid with Rotation and Thermal Buoyancy Force*	*Salma A.A. Ahmedai Abd Aa*	L3 S2	
7	16:55-17:05	036	*Bounds on the Phase Speed of Swirling Flows*	*G. Chandrashekhar*		
8	17:05-17:15	067	*Numerical study of the Effects of Geometric Parameters on Ferrofluid Mixed Convection in a Porous Rectangular Vented Enclosure.*	*Stephon De Souze*		
9	17:15-17:25	084	*Study on atmospheric internal waves phenomenon model by variational iteration transform method*	*Jyoti U. Yadav*		
10	17:25-17:35	090	*On the Decay Process of Temperature Field in a General Type of Turbulent Flow*	*Amit Kumar Laha*		
11	17:35-17:45	115	*Turbulence features in a wall-wake flow downstream of two horizontal cylinders – a numerical approach*	*Anjan Samanta*		
12	17:45-17:55	149	*Casson Fluid Flow in a Duct with Iso-thermal Walls under the Local Thermal Non-Equilibrium Framework: Temperature Distribution*	*Nitish Gupta*		
			Total time for Q&A for this session: 15 minutes			
			Chair Person: Prof. Pankaj Chettri, Sikkim Manipal Institute of Technology, India			
13	10:15-10:25	174	*Modulational instability of spin-orbit coupled Bose-Einstein condensates in staggered mode*	*R. Sasireka*	L3 S3	
14	10:25-10:35	292	*Experimental and Parametric study of friction stir welding in similar and dissimilar metals*	*Somenath Raha*		
15	10:35-10:45	054	*On the Investigation of Interacting Fault Movement in a Viscoelastic Structure*	*Piu Kundu*		
16	10:45-10:55	306	*Wave Solutions of Nonlinear Landau-Ginsburg-Higgs Equation by using (G'/G) Method*	*Mitu Nagpal*		
17	10:55-11:05	118	*Hydrodynamic Dispersion of Volatile Contaminant in an Open Channel Flow Using a Fitted Operator Approach*	*Gourab Saha*		
18	11:05-11:15	268	*A gesture based turing test for mitigation of DDoS attacks in cloud*	*Aanshi Bhardwaj*		
19	11:15-11:25	121	*Trends and Patterns in Fintech Research: A Bibliometric Perspective*	*Nisha Shankar*		
20	11:25-11:35	342	*Stochastic Resonance with Entropy*	*Riccardo Aliprandi*		
21	11:35-11:45	013	*A Brief Note on Zeroes of fn(z)f(z + b)f(k)(z) - a and Normality Criteria*	*Tejuswini M*		
			Total time for Q&A for this session: 15 minutes			
			Chair Person: Dr. Avijit Panja, Sikkim Manipal Institute of Technology, India			
22	12:15-12:25	291	*Modeling the Impact of Behavioral Changes on Disease Dynamics in Prey-Predator Eco-Epidemic Systems*	*R. Geetha*	L3 S4	
23	12:25-12:35	069	*Dynamical Analysis of a Three-Species Diseased Food Web Model with Different Functional Responses*	*Megala T*		
24	12:35-12:45	006	*Multifractal characterization of Weibull and Gamma probability distribution functions*	*Samuel Ogunjo*		
25	12:45-12:55	039	*Study of Spin reorientation and dielectric phenomenon in* $Sm3{-}xBixFe5O12$ $(x{=}0.0{-}0.6)$ *samplesShalini Verma*	*Shalini Verma*		
26	12:55-13:05	158	*Drift and Annihilation of a Counter-rotating Spiral Pair in Belousov-Zhabotinsky Reaction Under a DC Electric Field*	*Priyanshi Rekha Mishra*		
27	13:05-13:15	353	*PDEs for anomalous transport and applications*	*Sara Bernardi*		
28	13:15-13:25	355	*A Generalized Hydrodynamic Analysis Of Nucleus Acoustic Waves In Degenerate Quantum Plasmas*	*P. K. Karmarkar*		
			Total time for Q&A for this session: 15 minutes			
			Chair Person: Dr. Uday Narayan Ghosh, Munger University, India			DAY II
29	14:00-14:10	303	*Null controllability results for fractional dynamical systems*	*Dibyajyoti Hazarika*	L3 S5	
30	14:10-14:20	172	*Analyzing the Impact of COVID-19 pandemic and Ukraine-Russia war in WTI-Brent Spread: A MFXDFA Approach*	*C.M.C. Inacio Jr*		
31	14:20-14:30	227	*Synchronisation scenario and emergence of spatial chimeras in 2D lattice*	*T. Remi*		
32	14:30-14:40	059	*Dynamics on new wave shapes of the Landau-Ginzburg-Higgs equation using a new extended hyperbolic function method*	*Nirmoy Kumar Das*		
33	14:40-14:50	016	*Nonlinear Vibration Response and Dynamic Control of Piezolaminated Plates under Electromechanical Actuation*	*Rajan L. Wankhade*		
34	14:50-15:00	102	*A study on hybrid solutions and their interactions in the extended nonlinear Schr¨odinger equation*	*S. Monisha*		
			Total time for Q&A for this session: 15 minutes			
			Chair Person: Dr. Uday Narayan Ghosh, Munger University, India			
35	16:45-16:55	161	*Impacts of Hall and Ion Slip on a Casson Nanofluid of a MHD with radiation absorption.*	*A Jancy Rani*	L3 S6	
36	16:55-17:05	049	*Impact of Hall current on chemically reactive Darcy Forchheimer flow of hybrid nanofluid over moving slender needle*	*Vishal Saikia*		
37	17:05-17:15	064	*A numerical analysis on heat and mass transport pro-cess in porous medium on MHD Williamson nanofluid through a permeable extending surface with thermal ra-diation, Joule heating and chemical reaction*	*Krishnandan Verma*		
38	17:15-17:25	247	*Thermal Energy Transport in Carbon Nanotubes-Water Nanofluid Flow on an Inclined Surface: Fractional and Classical Perspective*	*K. Deepa*		
39	17:25-17:35	114	*The Investigation of Squeezing Flow Through a Porous Medium Between Parallel Plates Using the Homotopy Perturbation Method*	*Shantanu*		
40	17:35-17:45	243	*Numerical exploration of tracer behavior in porous channels with couple stress and magnetic fields*	*Subham Dhar*		
41	17:45-17:55	093	*Study of Cylindrical Magnetohydronymaic (MHD) Shock Waves in Non-Ideal Gas: Similarity Solution Perspective*	*Ravilisetty Revathi*		
42	17:55-18:05	094	*Influence of homogeneous heterogeneous reaction on nanofluid flow over MHD non-Darcian porous media over linear thermal radiation*	*Subrata Das*		
43	18:05-18:15	274	*An effective numerical approach based on collocation method for the generalized Rosenau-RLW-Burgers equation*	*Derya Yıldırım Sucu*		
44	18:15-18:25	202	*The effect of self-defocusing nonlinearity on the eigenmodes of a PT-symmetric single system with* k*-wavenumber Scarf II barrier potential*	*A R Thasneem*		
45	18:25-18:35	308	*Vehicle Detection With Number Plate Recognition*	*Rohan Sagvekar*		
			Total time for Q&A for this session: 15 minutes			
			Chair Person: Dr. Uday Narayan Ghosh, Munger University, India			
46	11:15-11:25	007	*Numerical and Graphical Representations of Allelopathic Effects on Plant Populations: A Mathematical Model Using DDE*		L3 S7	DAY III
47	11:25-11:35	009	*Kinks-Antikinks Dynamics of Nonlinear DNA Molecules*	*Subhamoy Singha Roy*		
48	11:35-11:45	018	*Complex Invariants Corresponding Non-hermitian PT -Symmetric Hamiltonian.*	*Jasvinder Singh Virdi*		
49	11:45-11:55	041	*Effect of dissipative forces on basins of attraction in Photogravitational Magnetic-Binary Problem*	*Laxmi Kant*		
50	11:55-12:05	097	*Dynamic Analysis of A New Chaotic System with Multistability, Amplitude and Offset Boosting Control, Its Adaptive Synchronization*	*Rameshbabu Ramar*		
51	12:05-12:15	138	*Dynamics of pendulum forced by a magnetic excitation with position-dependent phase*	*Krystian Polczy´nski*		
52	12:15-12:25	033	*Investigation of channel doping effects on high-frequency noise for Trench Double gate JLFETs*	*Swagata Bhattacherjee*		
			Total time for Q&A for this session: 15 minutes			