

ICNDA 2024 SCHEDULE OF PHYSICAL MODE (LOCATION SMIT)

[Link 1](#)[Link 2](#)[Link 3](#)[Link 4](#)

Day I (21-02-2024)

10:00-11:00	Inaugural Session [Link 1]			
11:00-11:30	High Tea, Venue: Amphitheater			
11:30-12:30	Keynote Talk: "Nonlinear Dynamics of Coupled Spin Torque Nano Oscillators" Speaker: Prof. M. Lakshmanan, Professor of Eminence and DST-SERB National Science Chair, Bharathidasan University, India. Chair Person: Dr. Santo Banerjee, Department of Mathematical Sciences, Politecnico di Torino, Italy. [Link 1]			
12:30-13:00	Invited Talk: "A Spotlight on Global Warming of Future Earth" Speaker: Dr. A. Gowrisankar, Department of Mathematics School of Advanced Sciences, VIT, India. Chair Person: Dr. Santo Banerjee, Department of Mathematical Sciences, Politecnico di Torino, Italy. [Link 1]			
13:00-14:00	Lunch Break			
Paper Presentation [14:00-14:45] [10× 03]	Venue 1 Session 1 [Seminar Room]	Chair Person: Dr. Vignesh Dhakshinamoorthy, CMR University. [Link 1]	Venue 2 Session 1 [E-207]	Chair Person: Dr. Swarniv Chandra, Government General Degree College at Kushmandi
Paper ID	042, 047, 118	Paper ID	156, 198, 254	
14:45-15:30 [Online]	Keynote Talk: "Hamiltonian dynamics and neutral delay equations in laser systems" Speaker: Prof. Antonio Politi, School of Natural and Computing Sciences, University of Aberdeen, UK. Chair Person: Prof. Lamberto Rondoni, Department of Mathematical Sciences, Politecnico di Torino, Italy. [Link 1]			
15:30-16:00	Invited Talk: "Ion-acoustic Nonlinear Structures in Multicomponent Superthermal Plasma" Speaker: Prof. N. S. Saini, Department of Physics, Guru Nanak Dev University, India. Chair Person: Prof. Prasanta Chatterjee, Department of Mathematics, Visva Bharati University, India. [Link 1]			
16:00-16:15	Tea Break			
16:15-16:45	Invited Talk: "Mathematical Modelling: Development and Applications on Biological Systems" Speaker: Dr. Soumen Kundu, Department of Mathematics (SAS), VIT, India. Chair Person: Prof. Prasanta Chatterjee, Department of Mathematics, Visva Bharati University, India. [Link 1]			
Paper Presentation [16:45-18:00] [10× 07]	Venue 1 Session 2 [Seminar Room]	Chair Person: Dr. Rishi Raj Kairi, CoochBehar Panchanan Barma University. [Link 1]	Venue 2 Session 2 [E-207]	Chair Person: Dr. Swarniv Chandra, Government General Degree College at Kushmandi
Paper ID	148, 052, 299, 068, 218, 298, 117		Paper ID	224, 008, 045, 105, 121, 315, 246
19:00-20:30	Cultural Programme, Venue: Amphitheater			

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Day II (22-02-2024)

9:00-09:45	Keynote Talk: "Finite size quantum multibarrier systems vs. boundary driven Zero Range models" Speaker: Prof. Lamberto Rondoni, Department of Mathematical Sciences, Politecnico di Torino, Italy. Chair Person: Prof. M. Lakshmanan, Professor of Eminence and DST-SERB National Science Chair, Bharathidasan University, India. [Link 1]			
09:45-10:15	Invited Talk: "Transport of microbes in non-Newtonian nanofluid flow influenced by Marangoni convection" Speaker: Dr. Rishi Raj Kairi, Cooch Behar Panchanan Barma University, India. Chair Person: Prof. Prashanta Kumar Mandal, Department of Mathematics, Visva-Bharati, India. [Link 1]			
Paper Presentation [10:15-11:00] [10× 03]	Venue 1 Session 3 [Seminar Room] Paper ID	Chair Person: Dr. Rustam Ali, Sikkim Manipal Institute of Technology [Link 1] 372, 284, 302	Venue 2 Session 3 [E-207] Paper ID	Chair Person: Dr. Soumen Kundu, Department of Mathematics (SAS), VIT, India. [Link 4] 135, 065, 045, 257, 330 (Online)
11:00-11:15	Tea Break			
11:15-11:45	Invited Talk: "Mathematical modelling of combat" Speaker: Dr. Sharanjeet Dhawan, Department of Mathematics, CCS Haryana Agricultural University, India. Chair Person: Prof. N. S. Saini, Department of Physics, Guru Nanak Dev University, India. [Link 1]			
11:45-12:15	Invited Talk: "Role of mathematics and computer modelling on cardiovascular intervention" Speaker: Prof. Prashanta Kumar Mandal, Department of Mathematics, Visva-Bharati, India.			
Paper Presentation [12:15-13:00] [10× 03]	Venue 1 Session 4 [Seminar Room] Paper ID	Chair Person: Dr. Sharanjeet Dhawan, CCS Haryana Agricultural University [Link 1] 106, 108, 338	Venue 2 Session 4 [E-207] Paper ID	Chair Person: Dr. Rajeeb Dey, National Institute of Technology Silchar. [Link 4] 140, 095, 164, 174, 317, 082 (Online)
13:00-14:00	Lunch Break, Venue: Marena			
Paper Presentation [14:00-15:15] [10× 06]	Venue 1 Session 5 [Seminar Room] Paper ID	Chair Person: Dr. Soumen Kundu, Department of Mathematics (SAS), VIT, India. [Link 1] 062, 215, 220, 300, 056, 074	Venue 2 Session 5 [E-207] Paper ID	Chair Person: Prof. Prasanta Chatterjee, Department of Mathematics, Visva Bharati University, India [Link 4] 213, 080, 350, 004, 011, 307, 137, 314 (Online)
15:15-16:00 [Online]	Keynote Talk: "Fractional Dynamics and Applications" Speaker: Prof. Juan J. Nieto, Mathematical Analysis and Optimization of the University of Santiago de Compostela, Spain Chair Person: Dr. Vignesh Dhakshinamoorthy, Department of Mathematics, CMR University, India. [Link 1]			
16:00-16:15	Tea Break			
16:15-16:45	Invited Talk: "Discretization and impact of Fractional order in Nonlinear Systems" Speaker: Dr. Vignesh Dhakshinamoorthy, Department of Mathematics, CMR University, India. Chair Person: Prof. Prashanta Kumar Mandal, Department of Mathematics, Visva-Bharati, India. [Link 1]			
Paper Presentation [16:45-19:00] [10× 10]	Venue 1 Session 6 [Seminar Room] Paper ID	Chair Person: Dr. A. Gowrisankar, Vellore Institute of Technology. [Link 1] 332, 232, 124, 264, 261, 203, 265, 144, 217, 326	Venue 2 Session 6 [E-207] Paper ID	Chair Person: Dr. R. Sivaraj, Dr. B R Ambedkar National Institute of Technology [Link 4] 081, 279, 061, 263, 255, 027, 142, 346, 357, 141, 097 (Online)
20:00-21:30	Gala Dinner, Venue: Marena			

ICNDA 2024 SCHEDULE OF PHYSICAL MODE (LOCATION SMIT)

Day III (23-02-2024)

9:00-9:45 [Online]	Keynote Talk: "Detecting dynamical transitions in observational time series data" Speaker: Prof. Michael Small, Mathematics and Statistics, The University of Western Australia, Australia Chair Person: Prof. Lamberto Rondoni, Department of Mathematical Sciences, Politecnico di Torino, Italy. [Link 1]			
9:45-10:30	Keynote Talk: "Solutions of Nonlinear Partial Differential Equations and applications" Speaker: Prof. Prasanta Chatterjee, Department of Mathematics, Visva Bharati University, India. Chair Person: Prof. Lamberto Rondoni, Department of Mathematical Sciences, Politecnico di Torino, Italy. [Link 1]			
10:30-11:00	Invited Talk: "Heat transfer optimization using machine learning" Speaker: Dr. R. Sivaraj, Department of Mathematics, Dr. B R Ambedkar National Institute of Technology, India. Chair Person: Dr. Sharanajeet Dhawan, Department of Mathematics, CCS Haryana Agricultural University, India. [Link 1]			
11:00-11:15	Tea Break			
Paper Presentation [11:15-12:30] [10× 06]	Venue 1 Session 7 [Seminar Room]	Chair Person: Dr. Rishi Raj Kairi, Cooch Behar Panchanan Barma University. [Link 1]	Venue 2 Session 7 [E-207]	Chair Person: Dr. A. Gowrisankar, Vellore Institute of Technology, India
	Paper ID	322, 327, 337, 234, 111, 092	Paper ID	163, 354, 166, 370, 371, 113, 165
12:30-13:00	Invited Talk: "Stability Assessment of interpersonal relationship among Indian urban dyads (couples) : System Theory Approach" Speaker: Dr. Rajeeb Dey, Department of Electrical Engineering, National Institute of Technology Silchar, India Chair Person: Dr. Sharanajeet Dhawan, Department of Mathematics, CCS Haryana Agricultural University, India. [Link 1]			
13:00-15:00	Lunch Break, Venue: Marena			
15:00-17:00	Valedictory Session			