

Program Schedule, ICMC 2023

9th International Conference on Mathematics & Computing (ICMC 2023)

January 06-08, 2023

Link for attending talks online: <https://sdetu-pilani.webex.com/sdetu-pilani/onstage/g.php?MTID=e389d5b6951ec7324609295eec3bcbe76>

India Standard Time

06 th January 2023 (Day 1)	
Registration	09:00 AM — 10:00 AM
Inauguration	10:00 AM — 10:30 AM
High Tea	10:30 AM — 11:00 AM
Keynote Talk 1 Chairperson: Prof. Pradeep Bogarrapu	11:00 AM— 12:00 PM
Speaker Name: Prof. M. Thamban Nair Title: A Discrete Regularization Method for Ill-Posed Integral Equations	
Invited Talk 1 Chairperson: Prof. V. K. Singh	12:10 PM —12:40 PM
Speaker Name: Prof. Subir Das Title: Study of Two-Dimensional Nonlinear Fractional Order Transport Problems Arising in Groundwater Contamination	
Invited Talk 2 Chairperson: Prof. Pravati Swain	12:45 PM —1:15 PM
Speaker Name: Prof. Ratikanta Behera Title: Tensor Computations and Applications	
Lunch Break	1:15 PM —2:30 PM
Invited Talk 3 Chairperson: Prof. Muslim Malik	2:30 PM —3:00 PM
Speaker Name: Prof. Vineet Kumar Singh Title: L3 approximation of the Caputo fractional derivative and its application	
Online Keynote Talk 2 Chairperson: Prof. Ratikanta Behera	3:00 PM — 3:50 PM
Speaker Name: Prof. Predrag S Stanimirovic Title: Hybridization of nonlinear optimization, Gradient, and Zeroing Neural Networks	
Tea Break	4:00 PM — 4:30 PM
Invited Talk 4 Chairperson: Prof. Trilok Mathur	4.30 PM —5:00 PM
Speaker Name: Prof. Shivi Agarwal Title: Inverse Data Envelopment Analysis Models and Applications	
Invited Talk 5 Chairperson: Prof. Shivi Agarwal	5:00 PM —5:30 PM
Speaker Name: Prof. Trilok Mathur Title: Crime and Memory: A fractional-order modeling	
Paper Presentation (5:30 PM —7:15 PM)	
Paper ID: 31, 33, 42, 50, 51, 55 Session Chair: Jugal Mohapatra & Ratikanta Behera	Venue: D-101
Paper ID: 61, 72, 84, 124, 129, 132, 134 Session Chair: Tarkeshwar Singh & Yasmeen S. Akhtar	Venue: D-102
Abstract paper presentation, Session Chair: Debashisha Mishra & Pradeep Bogarrapu, Presenter Names: Debashisha Mishra, Md Abu Talhamainuddin Ansary, Jayesh Savaliya, Sachin Devaiya, Ankush Kumar, Mahipal Jetta, Naveen Chandra Bhagat	Venue: D103
Abstract paper presentation, Session Chair: Amit Setia & Minhajul Presenter Names: Rajeev AAM, Harshad Sakariya, Sahu Nagesh Sumanshankar, Poojitha S, P Jitendra Kumar Senapati, Subhashree Patel, Anant Pratap Singh	Venue: D104
Dinner	19:30 Onwards

07th January 2023 (Day 2)	
Keynote Talk 3 Chairperson: Prof. P. Danumjaya	09:00 AM— 10:00 AM
Speaker Name: Prof. Amiya K. Pani Title: Global Stabilization of the Viscous Burgers' Equation by Nonlinear Neumann Boundary Feedback Control: Theory and Finite Element Analysis	
Tea Break	10:00 AM —10:30 AM
Keynote Talk 4 Chairperson: Prof. Debolina Ghatak	10:30 AM —11:20 AM
Speaker Name: Prof. Maiti Tapabrata Title: To be updated	
Online Invited Talk 6 Chairperson: Prof. P. Danumjaya	11:30 AM —12:00 PM
Speaker Name: Prof. Sarvesh Kumar Title: Three and four fields mixed formulations in poroelasticity	
Online Invited Talk 7 Chairperson: Prof. Anil Kumar	12:00 PM — 12:30 PM
Speaker Name: Prof. Navnit Jha Title: Method of approximations for the anomalous diffusion equations	
Online Invited Talk 8 Chairperson: Prof. Anil Kumar	12:30 PM — 1:00 PM
Speaker Name: Prof. Saroj Kumar Sahani Title: HIV Infection Dynamics with Apoptosis and Viral Loss	
Lunch Break	1:00 PM — 2:00 PM
Online Keynote Talk 5 Chairperson: Prof. Debasis Giri	2.00 PM —2:50 PM
Speaker Name: Prof. Sokratis Katsikas Title: AI and Cybersecurity: A viable partnership?	
Online Invited Talk 9 Chairperson: Prof. Anil Kumar	3:00 PM —3:30 PM
Speaker Name: Prof. Jagdish Chand Bansal Title: Computational Intelligence	
Tea Break	3:30 PM —4:00 PM
Online Keynote Talk 6 Chairperson: Prof. Debasis Giri	4.00 PM —5:00 PM
Speaker Name: Prof. Rakesh M. Verma Title: On Deceptive Attacks: A New Taxonomy, Linguistic Cues, and Classification	
Paper Presentation (5:00 PM —6:00 PM)	
Abstract paper presentation, Session Chair: Tarkeshwar Singh & Minhajul, Presenter Names: Ritu Nigam, Shivam Kumar Agrawal, Akshey, Aleena Philip, Anjali P V, Sudeep Singh Sanga, Shikha Dhal	Venue D-101
Abstract paper presentation, Session Chair: Himadri Mukherjee & Yasmeen, Presenter Names: Sunil K S, Khushbu Antala, Jyoti Rani, Mridini M. Gawas , Sujit K. Pradhan, Ishapathik Das	Venue: D-102
Session Chair: J.K. Sahoo & Anil Kumar, Paper ID: 17, 30, 32, 43, 44	Online: Google Meet Link: https://meet.google.com/oqz-atgq-eyc
Session Chair: Amit Setia & P.Danumjay, Paper ID: 70, 73, 74, 88, 89	Online: Google Meet Link: https://meet.google.com/ffg-dqkv-mov

08th January 2023 (Day 3)	
Online Keynote Talk 7 Chairperson: Prof. Ratikanta Behera	09:00 AM— 10:00 AM
Speaker Name: Prof. R. N. Mohapatra Title: Augmented Lagrangian Methods for Optimal Control Problems Governed by Mixed Variational-Hemivariational Inequalities Involving a Set-Valued mapping	
Tea Break	10:00 AM —10:30 AM
Online Keynote Talk 8 Chairperson: Prof. P. Danumjaya	10:30 AM —11:30 AM
Speaker Name: Prof. S. Sundar Title: Understanding the Porosity effects of Glass Fiber Insulation: Models to Numeric	
Invited Talk 10 Chairperson: Prof. Anil Kumar	11:30 AM —12:00 PM
Speaker Name: Prof. Muslim Malik Title: Time Scale Theory with Applications to Switched System	
Paper Presentation (12:00 PM —1:00 PM)	
Session Chair: Tarkeshwar Singh & J.K. Sahoo Paper ID: 37, 109, 112, 113, 115	Online: Google Meet Link: https://meet.google.com/oqz-atgq-eyc
Session Chair: Minhajul & P. Danumjaya Paper ID: 121, 133, 135 Abstract paper presentation (Presenter Names): Soumen Sarkar, Ayushi S Sengar	Online: Google Meet Link: https://meet.google.com/jsk-xbro-mqo
Abstract paper presentation, Session Chair: Anil Kumar Presenter Names: Pooja, Jyoti Luhaniwal, Mahuya Roy, Nilanjana G Basu, Himanshu Chaudhary	Online: Google Meet Link: https://meet.google.com/dqn-ibbt-npt
Lunch Break	1:00 PM — 2:00 PM
Online Keynote Talk 9 Chairperson: Prof. Debasis Giri	2.00 PM —3:00 PM
Speaker Name: Prof. Dieter Gollmann Title: The Fallacies of the Blockchain Bandwagon	
Valedictory Function	3.00 PM —3:30 PM