

**International Conference on Computational Mathematics and Advances in Modern Technology
ICCMAMT-2024
16th, 17th & 18th October, 2024**

Conference Link - <https://hindustanuniv.ac.in/iccmamt-24/>

Day 1 - October 16, 2024 (Wednesday)

Session	Name of the Speaker
Session 1 Inaugural Session (10:00 am - 11:00 am)	Inaugural Talk: Prof. Sanjeewa Perera Department of Mathematics, University of Colombo, Sri Lanka
	Keynote Address: Prof. Wutiphol Sintunavarat Faculty of Science and Technology, Thammasat University, Thani, Thailand
	Guest of Honor: Prof. Uditha Prabhath Liyanage Department of Statistics and Computer Science, University of Kelaniya, Kelaniya, Sri Lanka
11:00 am -11:15 am (Break)	
Session 2 (11:15 am - 12:00 Noon)	Prof. Sanjeewa Perera Department of Mathematics, University of Colombo, Sri Lanka. Title: Design Insurance Model to Assess Dengue Transmission
Session 3 (12:15 pm – 01.00 pm)	Prof. Radha R Department of Mathematics, IIT Madras, Chennai Title: Invertibility of Infinite Band Matrices and Solutions of their Operator Equations
Session 4 Paper Presentation – I (01:30 pm – 03.30 pm)	Track 1 – Padur Hall 1 – Founder’s Block, Ground Floor Track 2 – Padur Hall 2 – Founder’s Block, First Floor Track 3 – K.S. Moorthy Hall, Architecture Building, Ground Floor Track 4 – MathLab, Main Building, 1 st Floor Track 5 – MB005, Main Building, Ground Floor

Day 2 - October 17, 2024 (Thursday)

Session	Name of the Speaker
Session 1 (09:00 am - 09:45 am)	Prof. Wutiphol Sintunavarat Faculty of Science and Technology, Thammasat University, Thani, Thailand Title: Computational and Visualizations of Fractals using Novel Method with Iterative Schemes in Fixed Point Theory
Session 2 (09:45 am - 10:30 am)	Mr. Sathesh Rajamani Senior Vice President and Head Product Business Division BGR Energy Systems Title: Applications of Mathematics in our Daily Life
Session 3 (10:45 am - 11:30 am)	Mr. Magesh Venkataramani Executive Director, Deloitte Technology Consulting, Chennai. Title: IT Trends & Challenges in the Industry and Industry Expectations
Session 4 (11:30 am – 12.15 pm)	Research Discussion

Session 5 (12:15 pm – 01.00 pm)	Prof. Ismail Naci Cangul (Online) Department of Mathematics, Bursa Uludag University, Turkey Title: Problems in Graph theory Related to Omega Invariant
Session 6 Paper Presentation – II (01:30 pm – 03.30 pm)	Track 1 – Padur Hall 1 – Founder’s Block, Ground Floor Track 2 – Padur Hall 2 – Founder’s Block, First Floor Track 3 – K.S. Moorthy Hall, Architecture Building, Ground Floor Track 4 – MathLab, Main Building, 1 st Floor Track 5 – MB005, Main Building, Ground Floor
Day 3 - October 18, 2024 (Friday)	
Session	Name of the Speaker
Session 1 (09:00 am - 09:45 am)	Prof. Uditha Prabhath Liyanage Department of Statistics and Computer Science, University of Kelaniya, Kelaniya, Sri Lanka Title: Leveraging Machine Learning for Early Cancer Detection
Session 2 (09:45 am - 10:30 am)	Prof. C. Vijayalakshmi Department of Statistics and Applied Mathematics, Central University of Tamil Nadu, Thiruvavur, Tamil Nadu. Title: Implementation of Evolutionary Algorithms for the Analysis of Emotions in Autism Spectrum Disorder Children
10:30 am -10:45 am (Break)	
Session 3 (10:45 am - 11:30 am)	Prof. Samad Noeiaghdam (Online) Department of Applied Mathematics, South Ural State University, Chelyabinsk, Russia. Title: Dynamical Control of the Salt Solutions in Semi-Penetrable Covers in the Ro Model
Session 4 (11:30 am – 12.15 pm)	Prof. Broumi Said (Online) Department of Mathematics, University Hassan II, Casablanca, Morocco. Title: Neutrosophic Graph Theory: A Look at Specific Cases
Session 5 (12:15 pm – 01.00 pm)	Prof. Rama Bhargava (Online) Ex Dean, Department of Mathematics, IIT – Roorkee. Acting Vice Chancellor, Haridwar University, Roorkee Title: Meshfree Methods and its Application to Numerical Simulation of Cryosurgery
Session 6 Paper Presentation – III (01:30 pm – 02.30 pm)	Track 1 – MathLab, Main Building, 1 st Floor Track 2 – MB003, Main Building, Ground Floor Track 3 – MB004, Main Building, Ground Floor Track 4 – MB005, Main Building, Ground Floor
Session 7 Valedictory Session (2.30 pm - 3:30 pm)	Valedictory Talk Prof. Uditha Prabhath Liyanage Department of Statistics and Computer Science, University of Kelaniya, Kelaniya, Sri Lanka
All Timings are according to Indian Standard Time	