***First International Conference on***

**Computational Science and Mathematical Modelling**

In Collaboration with University of KwaZulu-Natal, South Africa

**(ICCSMM-2025)**

**July 17-19, 2025**

**ABOUT THE CONFERENCE**

This will be a three-day Conference on Computational Science and Mathematical Modelling collaboration with University of KwaZulu-Natal, South Africa. This conference is intended for the participants who aspire to excel in aforementioned fields. The goal of this conference is to bring top researchers in this area to VIT-AP University to foster collaboration and to expose scholars to important problems in the growing field. The meeting will stimulate joint work among researchers both in India and abroad. It provides an opportunity to explore the recent challenges and developments in the area of Mathematical Modelling, Computational Science and Engineering.

**CALL FOR PAPERS**

We invite submissions on a wide range of research topics, spanning both theoretical and systems research. The topics of interest include, but are not limited to:

Computational Science and Modelling

* Computational Fluid Dynamics
* Wave Mechanics
* Nonlinear Dynamic Problems
* Differential Equations
* Difference Equations
* Integral Equations
* Fractional Differential Equation
* Computational Uncertainties
* Numerical Optimization
* Numerical Methods
* Perturbation Techniques
* Artificial Intelligence and Machine Learning

Data Science

* Data Mining
* Big Data Analytics
* Data Engineering and Pipeline Design
* Natural Language Processing
* Deep Learning
* Supervised and Unsupervised Learning
* Quantum ML
* Generative Models

**International Advisory Committee**

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* Prof. Vemula Ramakrushna Reddy (VIT-AP University)
* Prof. Venkatrajam Marka (VIT-AP University)
* Prof. Ravikumar Bandaru (VIT-AP University)

**INVITED SPEAKERS**

* ~~Prof. Paul Harris (University of Brighton, United Kingdom)~~
* Prof. P. Sibanda (University of KwaZulu-Natal, South Africa)
* ~~Prof. Mehakpreet Singh (University of Limerick, Ireland)~~
* ~~Prof. Ramandeep Behl (King Abdulaziz University, Jeddah, Saudi Arabia)~~
* ~~Prof. Ramesh Katta (Sunway University, Malaysia)~~
* Prof. Snehashish Chakraverty (NIT Rourkela)
* Prof. Tanmoy Basak (IIT Madras)
* Prof. Subrahmanya Sastry Challa (IIT Hydarabad)

**IMPORTANT DATES**

* Conference Date: **July 17-19, 2025**
* Last Date of Abstract Submission: **March 15, 2025**
* Acceptance of Abstract: **March 20, 2025**
* Last Date of Full-length Paper: **April 15, 2025**
* Acceptance of Full-length Paper: **May 1, 2025**
* Conference Registration Fee Payment: **June 1, 2025**

**REGISTRATION DETAILS**

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| **Category** | **Registration** | |
| **Indian** | **Foreign** |
| **Offline** | **Online** |
| **Participation only** | **1700 INR** | **15 USD** |
| **Full Length Paper Presentation (Research Scholar)** | **4000 INR** | **40 USD** |
| **Full Length Paper Presentation (Faculty)** | **5000 INR** | **50 USD** |
| **Full Length Paper Presentation (Industry Professionals)** | **6000 INR** | **60 USD** |

**PUBLICATION DETAILS**

Selected peer-reviewed full-length papers will be eligible for SCOPUS indexed publication. Publication details will be updated soon.

**Organizing Committee**

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Conference Link: