



## Fractional Differential Equations: Computation and Modelling with Applications

Guest Editors:

**Dr. Rajarama Mohan Jena**

Department of Mathematics,  
National Institute of Technology  
Rourkela, Odisha 769008, India

**Prof. Dr. Snehashish  
Chakraverty**

Department of Mathematics,  
National Institute of Technology  
Rourkela, Odisha 769008, India

Deadline for manuscript  
submissions:

**15 July 2024**

### Message from the Guest Editors

Nowadays, many researchers from various fields have become interested in the topic of fractional calculus based on integrals and derivatives of fractional order. It has numerous applications in the widespread field of science and engineering, including wave and fluid dynamics, mathematical biology, financial systems, structural dynamics, robotics, artificial intelligence, etc. Since fractional differential equations are used to model real-life problems, many mathematical methods (numerical/analytical/exact) are being developed to obtain the solutions to fractional differential equations/models/systems.

In this Special Issue, we invite review and original research papers dealing with recent developments in fractional calculus along with all theoretical/analytical/numerical, as well as practical developments in various science and engineering, including mathematics and physics.

