

“New Horizons in Calculus” an online lecture series organized by [INYAS](#) in collaboration with Assam Academy of Mathematics and Department of Mathematics, Jawaharlal Nehru College, Boko Assam. The series aims to explore the basics and important developments in the areas of ‘time-scale calculus’ & ‘fractional calculus’ with glimpses into new trends and applications.

The first lecture was given on 20th June, 2021

Topic: Time scale Theory : Introduction and applications.

Resource Person : Sabrina Streipert,

[McMaster University | McMaster · Department of Mathematics and Statistics](#)



Expert Talks
'New Horizons in Calculus'
(Virtual Mode)
Organized by
Indian National Young Academy of Sciences (INYAS)
In Collaboration With
Assam Academy of Mathematics
&
Department of Mathematics, Jawaharlal Nehru College, Assam

About the Event
The primary purpose of this event is to explore the basics and important developments in the areas of 'time-scale calculus' & 'fractional calculus' with glimpses into new trends and applications. The event will be hosted on Zoom platform & can be participated by Post-Graduate Students in Mathematics, Researchers in relevant fields, and College & University Teachers in Mathematics. Selected participants will receive an email containing Zoom meeting link. There is no registration fees.

Schedule & Registration Link
Date of the Event: 20 June, 2021 (Sunday)
Time: 9:00 AM to 1:00 PM
Registration Deadline: 19 June, 2021 (2 PM)
Registration Link: bit.ly/3whDC9g

Speakers

 Jordan Hristov University of Chemical Technology and Metallurgy, Bulgaria (Topic: Fractional Calculus: Examples, origins, operators, properties and implementations)	 Sabrina Streipert McMaster University, Canada (Topic: Time Scale Theory: Introduction with Applications)
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Coordinating Committee
Syed Abbas, Indian Institute of Technology Mandi
Manoj Kumar Patel, National Institute of Technology Nagaland
Dhiraj Kumar Das, Jawaharlal Nehru College
Jnanjyoti Sarma, Assam Academy of Mathematics
Dipankar Sarma, Jawaharlal Nehru College
Hemen Datta, Gauhati University (Convener)