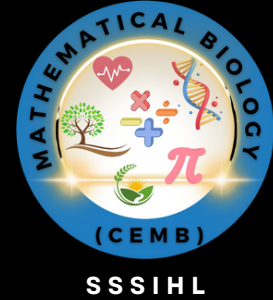




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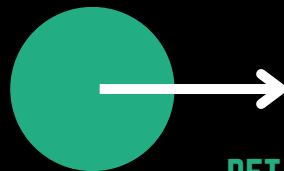
SPEAKER

DR. BAPAN GHOSH



TOPIC

**Fractional Order Modeling of Ecological
and Epidemiological Systems:
Ambiguities and Challenges**



DETAILS

4 October 2024

3 p.m. to 4 p.m. IST

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TOPIC

Fractional Order Modeling of Ecological and Epidemiological Systems: Ambiguities and Challenges

SPEAKER

DR. BAPAN GHOSH
INDIAN INSTITUTE OF TECHNOLOGY, INDORE, INDIA

BIO

Dr. Bapan Ghosh is an Assistant Professor in the Department of Mathematics at IIT Indore. He holds an M.Sc. in Applied Mathematics from The University of Burdwan and earned his Ph.D. from IEST, Shibpur in June 2014. Dr. Ghosh has held academic positions at NIT Meghalaya (2015–2019) and IIT Indore (2019–present). His research interests lie in Applied Dynamical Systems and Mathematical Ecology, with around 35 publications in international journals. He has undertaken research visits to France, Taiwan, and Russia, and is the recipient of several prestigious grants, including the Early Career Award, MATRICS and Core Research Grant from SERB, Indo-French Project and Indo-Russian Project, from IFCAM and DST, respectively. In addition to his research, Dr. Ghosh serves as an academic editor for multiple journals, including Computational and Mathematical Methods (Wiley), Discrete Dynamics in Nature and Society (Wiley), Communication in Biomathematical Sciences (Indonesian Society of Mathematical Biology) and has supervised two Ph.D. students with three more currently under his guidance.

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