DEPARTMENT OF MATHEMATICS
Assam University, Silchar

Online Distinguished Lecture Series

Basic Concepts and Techniques
of Non Linear Optimization

Date: 10 August, 2025 (Sunday)   **Time:** 10:00 am   **Mode:** Online (Google Meet)
Joining Link: [To be announced]

Organized by

Department of Mathematics
Assam University, Silchar - 788011

Resource Person

Prof. Dr. Bibhas Chandra Giri
Professor, Department of Mathematics
Jadavpur University, Kolkata
Email: `bcgiri.jumath@gmail.com`

Prof. Giri is an internationally renowned researcher in Operations Research, Supply Chain Management, and Optimization. He is a Fellow of the Operational Research Society of India and the West Bengal Academy of Science and Technology, and has received prestigious fellowships such as Commonwealth (UK), Fulbright (USA), Alexander von Humboldt (Germany), and JSPS (Japan). With over 250 journal publications, 25+ PhD supervisions, and numerous awards (including the AIAP Excellence Award 2023), Prof. Giri is recognized among the top 2% scientists worldwide (Stanford, 2020–2023). His work spans mathematical modeling, green supply chains, and decision sciences, with extensive international collaboration and leadership in the field.

Objective of the Lecture

This lecture will introduce fundamental concepts and practical techniques in non-linear optimization, focusing on how these methods help solve complex real-world problems in mathematics, engineering, and management. Attendees will gain essential insights into mathematical modeling, solution approaches, and applications relevant for research and industry.

About the Department

For over two decades Department of Mathematics, Assam University, Silchar has been playing the role of a vanguard in teaching and research. Since its inception the department has brought forth many outstanding students who actively contributed in their respective fields of research and earned reputations throughout the globe. Presently the department offers M.Sc. and Ph.D. in its academic curriculum. Many a student of this department has performed stupendously in various competitive examinations and have acquired their berths in many prestigious academic institutes. The Department is well supported by DST(FIST) and NBHM.

All Faculty Members, Research Scholars, and Students are Cordially Invited

Prof. Nabendu Sen
Head of the Department
Department of Mathematics
Assam University, Silchar