



DEPARTMENT OF MATHEMATICS

Assam University, Silchar

Online Distinguished Lecture Series

The Role of Mathematical Science in Management

Date: 2 August, 2025 **Time:** 11:00 am **Mode:** Online (Google Meet)

Joining Link: <https://meet.google.com/hsz-tffi-mhp>

Organized by

Department of Mathematics
Assam University, Silchar - 788011

Resource Person



Prof. Dr. M. Sundararajan

Professor, Department of Mathematics & Computer Science
School of Physical Science, Mizoram University
Former Senior Principal Scientist, CSIR-CIMFR, Dhanbad

Prof. Sundararajan is an eminent academician and researcher with over 32 years of experience in mathematics and its applications. He holds a Ph.D. in Applied Mathematics from IIT (ISM) Dhanbad and currently serves as Professor at Mizoram University. His expertise spans GIS & Remote Sensing, Mathematical Modeling, Natural Resource Management, Environmental Modeling, and Artificial Intelligence. Prof. Sundararajan has supervised multiple doctoral and master's theses, led numerous national projects, and received prestigious awards such as the "Global Excellence Award" (2021) and "Bharat Ratna Dr. Abdul Kalam Gold Medal" (2019). He is an active member of several professional societies and has published extensively in reputed journals.

Objective of the Lecture

This lecture explores how a simple mathematical tool can significantly contribute to solving complex problems across various fields of Engineering and Technology. Emphasis is placed on smart decision-making for the effective management of natural resources, organizations, human capital, and finances. The session highlights three key applications: sustainable management of soil, groundwater in industrially affected areas and financial planning through the effective utilization of CSR (Corporate Social Responsibility) funds.

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