Indian Institute of Science
Centre for Continuing Education

Proficience Course Jan-May-2026

Prescriptive Analytics

Course Coordinator

Dr M Mathirajan, Chief Research Scientist,
Department of Management Studies,
Faculty of Engineering,
Indian Institute of Science,
Bengaluru

Objective

To provide business practitioners and those who are interested in Prescriptive Analytics with a selected set of Management Science and optimization techniques and discuss the fundamental concepts, methods, and models needed to understand prescriptive-analytics and implement these techniques in the era of Big Data.

Course Content:

Introduction to Business Analytics, Linear/Integer/Non-Linear Optimization, Optimization of Network Models, Dynamic Programming, Introdcution to Heuristic Programming, Goal Programming, Selected Multi-Attribute Decision Making Methods, and Monte Carlo Simulation, which are believed to be among the most popular Prescriptive Analytics tools to solve a majority of business optimization problems, with case studies from Business, Industry, and Government applications using LINDO/LINGO/CPLEX/Pulb optimization package(s).

Eligibility :

BE/BTech, ME/MTech, Masters in - Business Administration, Management, Operations Research, Computer Science, Computer Applications, Mathematics, Statistics, Commerce, Economics Maths/CS/CA/Statistics, MBA, and MA in Economics

Course Fee: Rs. 15,000 + GST.

Start Date 17 January,2026
Schedule: Saturday 7 P.M.-10 P.M.

Registration link:
https://iisc.online/admissions/home.html

Contact us

To Apply Scan here

Centre for Continuing Education
Indian Institute of Science
Bengaluru 560 012, INDIA.
Phone: 91+ 080 2293 2055/2491/2247