

**Indian Institute of Science
Centre for Continuing Education**

Proficiency Course Jan-May-2026

Prescriptive Analytics

Course Coordinator

Dr M Mathirajan, Chief Research Scientist,
Department of Management Studies,
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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, Introduction 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

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

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