Proficience Course Aug-Dec-2025

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, exposure on a selected set of Management Science and optimization techniques; To make to understand the fundamental concepts, methods, and models needed to explore prescriptive-analytics; And To implement the techniques learned in the course in the real life situations.

Course Content:

Introduction to Business Analytics, Linear/Integer/Non-Linear Optimization, Optimization of Network Models, Dynamic Programming, Heuristic Programming, Goal Programming, 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 (BIG) applications using LINDO/LINGO/CPLEX optimization package.

Who Can Apply

ME/MTech, BE/BTech and Masters in Business Administration, Management, Operations Research, Computer Science, Data Science, Data Analytics, Business Analytics, Computer Applications, Mathematics, Statistics, Commerce, Economics, Econometrics.

Course Fee: Rs. 15,000 + 18% GST.
Online Classes using Microsoft Teams
Schedule: Saturday 7 P.M.-10 P.M.

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

To Apply Scan here

Contact us

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