

Proficiency Course May -July

# Prescriptive Analytics



## Course Coordinator

Dr M Mathirajan, Chief Research Scientist,  
Department of Management Studies,  
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## Objective

To provide business practitioners and those who are interested in Prescriptive Analytics with a selected set of Management Science and optimization techniques and discusses 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, 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, Computer  
Applications, Mathematics,  
Statistics, Commerce, Economics

**Course Fee:** Rs. 10,000 + 18% GST

Online Seats are Limited to 100

Online Classes using Microsoft Teams

**Schedule:** Tuesday 8 pm to 10 pm

**Date:** May 1 to July 31, 2025

**Registration link:** <https://iisc.online/admissions/home.html>

To Apply Scan here



## Contact us

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