



### Business Analytics for Management Decision Management

**Instructor Name:** Prof.Rudra P. Pradhan

**Institute:** IIT Kharagpur

**Department:** Management

**About Instructor:** Rudra P. Pradhan is Associate Professor at Vinod Gupta School of Management, IIT Kharagpur. His specialization is Econometric Modeling and Financial Econometrics. His teaching and research assignments are mostly on econometric modeling and mathematical modeling.

**Pre Requisites:** : Basic Statistics, Basic Mathematics, and Basic Management

**Core/Elective:** : Elective

**UG/PG:** : PG

**Industry Support** : Not Required

**Course Intro:** : Students can exposure on data analysis, modeling and spreadsheet use with BUSINESS ANALYTICS for DECISION MAKING. This course will be exclusively quantitative and an application to business/ management related problems. It is connected with problem sets and real life cases to know the relevance of a particular problem and the decision making thereof.

#### COURSE PLAN

SL.NO	Week	Module Name
1	1	Introduction to Business Analytics
2	2	Exploring Data and Analytics on Spreadsheets
3	3	Descriptive Analytics
4	4	Inferential Analytics 1
5	5	Inferential Analytics 2
6	6	Predictive Analytics 1
7	7	Predictive Analytics 2
8	8	Predictive Analytics 3
9	9	Prescriptive Analytics 1
10	10	Prescriptive Analytics 2
11	11	Prescriptive Analytics 3
12	12	Decision Analytics