

Course Group	Course Name	Duration	Professional Admission		
			INR-Prof.	ST 12.36%	Total
Bayesian	Bayesian Regression Modeling via MCMC Techniques	4	24500	3028	27528
Bayesian	Bayesian Statistics in R	4	24500	3028	27528
Bayesian	Introduction to Bayesian Computing and Techniques	4	24500	3028	27528
Bayesian	Introduction to Bayesian Hierarchical and Multi-level Models	4	24500	3028	27528
Bayesian	Introduction to Bayesian Statistics	4	24500	3028	27528
Biostatistics	Advanced Survival Analysis	4	24500	3028	27528
Biostatistics	Biostatistics 1	4	24500	3028	27528
Biostatistics	Biostatistics 2	4	24500	3028	27528
Biostatistics	Epidemiologic Statistics	5	24500	3028	27528
Biostatistics	Meta Analysis 2	4	24500	3028	27528
Biostatistics	Sample Size and Power Determination	4	24500	3028	27528
Biostatistics	Statistical Analysis of Microarray Data with R	4	24500	3028	27528
Biostatistics	Survival Analysis	4	24500	3028	27528
Biostatistics	Meta Analysis	4	27500	3399	30899
Biostatistics	Sample Size using PASS software from NCSS	4	24500	3028	27528
Clinical Trials	Adaptive Designs for Clinical Trials	4	24500	3028	27528
Clinical Trials	Biostatistics in R: Clinical Trial Applications	4	24500	3028	27528
Clinical Trials	Clinical Trials - Pharmacokinetics and Bioequivalence	4	24500	3028	27528
Clinical Trials	Introduction to Statistical Issues in Clinical Trials	4	24500	3028	27528
Clinical Trials	Safety Monitoring Committees in Clinical Trials	4	24500	3028	27528
Clinical Trials	Sample Size and Power-Analysis for Cluster-Randomized and Multi-Site Studies	4	24500	3028	27528
Clinical Trials	Missing Data Analysis in Clinical Trials	4	24500	3028	27528
Data Analytics	Introduction to Social Network Analysis	4	21500	2657	24157
Data Analytics	Forecasting Analytics	4	23000	2843	25843
Data Analytics	Interactive Data Visualization	4	23000	2843	25843
Data Analytics	Cluster Analysis	4	24500	3028	27528
Data Analytics	Discrete Choice Modeling and Conjoint Analysis	4	24500	3028	27528
Data Analytics	Logistic Regression	4	24500	3028	27528
Data Analytics	Statistical Analysis of Microarray Data with R	4	24500	3028	27528
Data Mining and Prediction	Data Mining in R - Learning with Case Studies	4	21500	2657	24157
Data Mining and Prediction	Predictive Analytics 1 - Machine Learning Tools	4	21500	2657	24157
Data Mining and Prediction	Predictive Analytics 2- Neural Nets and Regression	4	21500	2657	24157
Data Mining and Prediction	Predictive Analytics 3: Dimension Reduction, Clustering and Association	4	23000	2843	25843
Data Mining and Prediction	Applied Predictive Analytics, in partnership with CrowdANALYTIX	4	24500	3028	27528
Data Mining and Prediction	Decision Trees and Rule-Based Segmentation	4	24500	3028	27528
Data Mining and Prediction	Political Analytics	4	24500	3028	27528
Engineering	Statistical Process Control	4	21500	2657	24157
Engineering	Advanced Survival Analysis	4	24500	3028	27528
Engineering	Introduction to Design of Experiments	4	24500	3028	27528
Engineering	Prediction & Tolerance Intervals; Measurement and Reliability	4	24500	3028	27528
Engineering	Probability Distributions	4	24500	3028	27528
Engineering	Survival Analysis	4	24500	3028	27528
Environmental	Ecological and Environmental Sampling	4	24500	3028	27528
Environmental	Spatial Analysis Techniques in R	4	24500	3028	27528
Environmental	Spatial Statistics with Geographic Information Systems	4	24500	3028	27528
Introductory	Calculus Review	3	15600	1928	17528
Introductory	Statistics 3 – ANOVA and Regression	3	15600	1928	17528
Introductory	Introduction to Statistics 1 AP: Inference for a Single Variable	3	17600	2175	19775
Introductory	Introduction to Statistics 2 AP: Working with Bivariate Data	3	17600	2175	19775
Introductory	Statistics 1 – Probability and Study Design	4	17600	2175	19775
Introductory	Statistics 2 – Inference and Association	4	17600	2175	19775
IT/Programming	Advanced Analytics and Machine Learning with Hadoop	4	21500	2657	24157
IT/Programming	Introduction to Analytics using Hadoop	4	21500	2657	24157
IT/Programming	Introduction to Python for Analytics	4	21500	2657	24157
IT/Programming	Social Data Mining With Python	4	21500	2657	24157
IT/Programming	SQL and R - Introduction to Database Queries	4	21500	2657	24157
IT/Programming	Producing Data Reporting APIs with Python	4	21500	2657	24157
IT/Programming	Data Ingestion via RESTful APIs	4	21500	2657	24157

Methods	Maximum Likelihood Estimation	2	11700	1446	13146
Methods	Introduction to Resampling Methods	3	18500	2287	20787
Methods	Analysis and Sensitivity Analysis for Missing Data	4	24500	3028	27528
Methods	Bootstrap Methods	4	24500	3028	27528
Methods	Categorical Data Analysis	4	24500	3028	27528
Methods	Cluster Analysis	4	24500	3028	27528
Methods	Missing Data	4	24500	3028	27528
Methods	Principal Components and Factor Analysis	4	24500	3028	27528
Operations Research and Risk	Advanced Optimization	4	24500	3028	27528
Operations Research and Risk	Financial Risk Modeling	4	24500	3028	27528
Operations Research and Risk	Introduction to Optimization	4	24500	3028	27528
Operations Research and Risk	Introduction to Quantitative Risk Analysis	4	24500	3028	27528
Operations Research and Risk	Risk Simulation and Queuing	4	24500	3028	27528
Review/Prep	Calculus Review	3	15600	1928	17528
Review/Prep	Survey of Statistics for Beginners	3	15600	1928	17528
Review/Prep	Introduction to Resampling Methods	3	18500	2287	20787
Review/Prep	Designing Valid Statistical Studies	4	21500	2657	24157
Review/Prep	Introduction to Statistical Modeling	4	21500	2657	24157
Review/Prep	Matrix Algebra Review	4	21500	2657	24157
Social Science	Survey Analysis in R	4	23000	2843	25843
Social Science	Advanced Structural Equation Modeling	4	24500	3028	27528
Social Science	Analysis of Survey Data from Complex Sample Designs	4	24500	3028	27528
Social Science	Introduction to Assessment and Measurement	4	24500	3028	27528
Social Science	Introduction to Structural Equation Modeling	4	24500	3028	27528
Social Science	Many-Facet Rasch Measurement	4	24500	3028	27528
Social Science	Modeling Longitudinal and Panel Data: GEE	4	24500	3028	27528
Social Science	Practical Rasch Measurement - Core Topics	4	24500	3028	27528
Social Science	Practical Rasch Measurement - Further Topics	4	24500	3028	27528
Social Science	Rasch Applications, Part 1: How to Construct a Rasch Scale	4	24500	3028	27528
Social Science	Rasch Applications, Part 2: Clinical Assessment, Survey Research, and Educational Measurement	4	24500	3028	27528
Social Science	Survey Analysis	4	24500	3028	27528
Social Science	Survey Design and Sampling Procedures	4	24500	3028	27528
Spatial Analytics	Mapping in R	4	24500	3028	27528
Spatial Analytics	Spatial Analysis Techniques in R	4	24500	3028	27528
Spatial Analytics	Spatial Statistics with Geographic Information Systems	4	24500	3028	27528
Statistical Modeling	Introduction to Statistical Modeling	4	21500	2657	24157
Statistical Modeling	Regression Analysis	4	23000	2843	25843
Statistical Modeling	Advanced Logistic Regression	4	24500	3028	27528
Statistical Modeling	Advanced Structural Equation Modeling	4	24500	3028	27528
Statistical Modeling	Categorical Data - Applied Modeling	4	24500	3028	27528
Statistical Modeling	Generalized Linear Models	4	24500	3028	27528
Statistical Modeling	Introduction to Smoothing and P-spline Techniques using R	4	24500	3028	27528
Statistical Modeling	Introduction to Structural Equation Modeling	4	24500	3028	27528
Statistical Modeling	Logistic Regression	4	24500	3028	27528
Statistical Modeling	Mixed and Hierarchical Linear Models	4	24500	3028	27528
Statistical Modeling	Modeling Count Data	4	24500	3028	27528
Statistical Modeling	Modeling in R	4	24500	3028	27528
Statistical Modeling	Modeling Longitudinal and Panel Data: GEE	4	24500	3028	27528
Statistical Modeling	Multivariate Statistics	4	24500	3028	27528
Survey Statistics	Survey Analysis in R	4	23000	2843	25843
Survey Statistics	Analysis of Survey Data from Complex Sample Designs	4	24500	3028	27528
Survey Statistics	Survey Analysis	4	24500	3028	27528
Survey Statistics	Survey Design and Sampling Procedures	4	24500	3028	27528

Text Analytics	Sentiment Analysis	3	18500	2287	20787
Text Analytics	Natural Language Processing	4	21500	2657	24157
Text Analytics	Text Mining	4	21500	2657	24157
Using R	Data Mining in R - Learning with Case Studies	4	21500	2657	24157
Using R	Graphics in R	4	21500	2657	24157
Using R	R for Statistical Analysis	4	21500	2657	24157
Using R	R Programming - Introduction 1	4	21500	2657	24157
Using R	R Programming - Introduction 2	4	21500	2657	24157
Using R	Visualization in R with ggplot2	4	21500	2657	24157
Using R	R Programming - Advanced	4	23000	2843	25843
Using R	R Programming - Intermediate	4	23000	2843	25843
Using R	Mapping in R	4	24500	3028	27528
Using R	Modeling in R	4	24500	3028	27528
2 Course Pack	Statistics 1 & Statistics 2 - Package	8	23500	2905	26405
2 Course Pack	Biostatistics 1 & Biostatistics 2 - Package	8	37500	4635	42135