

Research-Oriented Courses for PhD Coursework in Commerce					
Sr. No.	Course	Course Link	Suitable Level	Why it Fits PhD Commerce Research	Expected Outcome
1	Fundamentals of Statistics & Research Methodology for Management & Social Sciences - CHRIST University	Course Link	PhD - Core	Integrates research methodology, statistics and SPSS for management and social-science research. It specifically identifies PhD scholars as beneficiaries.	Develops the ability to design research, analyse data and interpret findings systematically.
2	Research Methodology in Humanities and Social Sciences - IIT Roorkee	Course Link	PhD - Core	Provides a strong foundation in research design, data collection, analysis and methodological choices for social-science research.	Develops a sound methodological foundation for doctoral research.
3	Research and Publication Ethics (RPE) - Netaji Subhas Open University	Course Link	PhD - Essential	Covers research integrity, publication ethics, misconduct, predatory publications, citation databases, research metrics and plagiarism. It is specifically designed for PhD students.	Develops understanding of ethical research and responsible scholarly publication.
4	Marketing Research and Analysis - IIT Roorkee	Course Link	PhD - Core Quantitative/Commerce	Provides broad research and multivariate-analysis tools applicable across many Commerce and Management research problems.	Develops the ability to apply appropriate statistical and multivariate techniques to research data.
5	Qualitative Research Methods and Research Writing - IIT Kharagpur	Course Link	PhD - Core	Complements quantitative methods and is valuable for behavioural, organizational and social-science inquiry.	Develops skills in qualitative research design, analysis, interpretation and writing.

6	Business Statistics - IIT Roorkee	Course Link	PhD - Foundation	Covers sampling, probability, hypothesis testing, ANOVA, chi-square and regression; PhD students are explicitly included in the intended audience.	Strengthens the statistical foundation required for empirical research.
7	Marketing Research and Analysis-II - IIT Roorkee	Course Link	PhD - Advanced Research Methods	Particularly valuable for thesis work: covers regression, factor and cluster analysis, discriminant analysis, SEM, non-parametric methods, SPSS and AMOS.	Develops advanced multivariate data-analysis and thesis interpretation skills.
8	Introductory Econometrics - Dibrugarh University	Course Link	PhD - Quantitative Foundation	Covers estimation, hypothesis testing, OLS, diagnostic testing and regression-model specification.	Develops the ability to analyse relationships among economic and business variables.
9	Econometric Modelling - IIT Roorkee	Course Link	PhD - Advanced Quantitative	Provides stronger econometric and time-series understanding for empirical Finance, Economics and Commerce research.	Develops econometric modelling and quantitative interpretation capabilities.
10	Advanced R Programming for Data Analytics in Business - IIT Kanpur	Course Link	PhD - Analytics	Applies R specifically to business, Finance and Management datasets and explicitly includes PhD Management students.	Develops advanced data handling, visualization and analytical skills using R.
11	Foundations of R Software - IIT Kanpur	Course Link	PhD - Research Tool Foundation	Provides the software foundation required for statistical computing, visualization and quantitative research.	Enables scholars to use R independently for statistical analysis and research.

12	Data Analytics with Python - IIT Roorkee	Course Link	PhD - Advanced Analytics	Gives hands-on exposure to analytics modelling and data-driven research using Python.	Develops ability to analyse complex datasets using contemporary analytical tools.
13	Business Analytics and Data Mining Modeling using R - IIT Roorkee	Course Link	PhD - Advanced Analytics	Covers regression, classification, logistic regression, trees, neural networks and other data-mining techniques using R.	Develops ability to apply predictive and data-mining techniques to business research.
14	AI Applications in Academic Research - IIM Bangalore/SWAYAM	Course Link	PhD - Contemporary Research Skills	Supports modern academic research activities using AI-enabled tools and approaches.	Develops the ability to use AI effectively and responsibly in academic research.
15	AI in Social Science Research - IIM Bangalore/SWAYAM	Course Link	PhD - Contemporary Research Skills	Particularly relevant because Commerce research falls substantially within the social-science domain.	Builds capability to integrate AI-supported methods into social-science research.
16	Research for Marketing Decisions - IIT Madras	Course Link	PhD - Commerce /Marketing Research	Covers the complete research process from problem formulation and research design to data analysis, interpretation and report writing. PhD Management students are among the intended audience.	Develops the ability to conduct systematic applied research for business and marketing decisions.
17	Research Methodology & IPR - Dr. G. Janardhanan	Course Link	PhD – Research Methodology & IPR	Provides basic of research methodology, Hypotheses formulation and testing	Students get idea and develop their ability and knowledge regarding research work

18	Research Methodology in Humanities & Social Science - Prof Smita Jha IIT Roorkee	Course Link	PhD – Research Methodology in humanities & Social Science	Provides students with a basic understanding of research methodology, including hypothesis formulation and testing.	Enhances students' knowledge, skills, and ability to understand and conduct research effectively.
19	Business Research Methodology - Dr. S.C. Das Banaras Hindu University	Course Link	PhD – Business Research Methodology	Provides domain depth in business research, research methodology and applied statistics; Commerce is explicitly included in the intended audience.	Builds the domain foundation needed for research methodology.
20	MCO-03: Research Methodology & Statistical analysis - Prof. Subodh Kesharwani	Course Link	PhD - Research Methodology & Statistical analysis	Develops students' understanding of research methodology, hypothesis formulation, and hypothesis testing.	Helps students develop the knowledge, skills, and analytical abilities required to understand and carry out research effectively.