

Pre-Ph.D. Course Work (Session 2019-20)

Research Methodology (101)

Unit 1

- Concepts of Research, Research Process and Planning for Research, Formulation of Research Problem.

Unit 2

- Research Designs – Exploratory, Descriptive and Experimental Research Designs, Sampling Design.

Unit 3

- Hypothesis Testing: Parametric and Non-Parametric Tests, especially t-test, Z test, ANOVA (F test), Chi square test. Data Analysis and Interpretation of Data. Use of SPSS for Data Analysis, Drawing Inferences.

Unit 4

- Report Writing, Ethical issues in Social Sciences Research, Plagiarism and its prevention, Nuances in publishing process in academic journals: Citation Index, h-Index, i10-Index, JIF and Journal Metrics, References : different styles like APA, Havard, Chicago and MLA.

Unit 5

- Basic knowledge of Microsoft Word, Excel, Power Point, Use of Internet Resources for research: Google & Google Scholar, Infilbnet resources.

Review of Literature and Seminar (102)

1. Project based on review of research work: use of literature, knowledge of national and International Journals, Impact factor, Citation index, SCI Journals. (To be supervised and evaluated by Guide concerned).
2. Seminars; Open seminar, evaluation will be done by member of DRC.