



सिद्धार्थ विश्वविद्यालय, कपिलवस्तु, सिद्धार्थनगर

Syllabus of Pre-Ph.D. Course Work
Subject: Economics

Paper-I: Research Methodology

Research: Meaning, Significance, Motivation and Types of Research: Social Science Research and Scientific Research. Research Methods and Methodology, Research Process, Criteria of a Good Research

Research Problem: Definition, Formulation of Research Problem, Techniques Involved in Defining a Research Problem.

Survey of Literature: Meaning and Methods.

Research Design: Meaning and Concepts, Need, Types, Features of a Good Research Design.

Research Data: Types, Methods of Collection of Data – Questionnaire, Schedule and Interview Population and Sample. Census and Sample Survey, Sampling Procedure. The Case Study Method; Classification and Graphical Presentation of Data

Research Hypothesis: Meaning, Concept, Testing Flow Diagram.

Application of Statistical Methods in Economic Research Univariate and Multivariate Analysis, Brief Review of Types of Multivariate Methods

Books Recommended:

Kothari, C. R.: Research Methodology

Young, P. V.: Scientific Social Survey and Research N. Y.

Doby, J. T. (Ed.): An Introduction to Social Research, Stock Pole.

Cochran, W. G.: Sampling Techniques, Wiley

Johnson, P. O.: Statistical Methods in Research, Prentice Hall, N. Y.

Cochrane, R.: Advances in Social Research Constable.

Chapan, F.: Stuart, Experimental Design in Sociological Research

Paper-II : Basic Computer Application

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| Unit-1 | Computer Fundamentals,
What is Desktop PC System?
Working of a Monitor,
Keyboard,
Mouse,
Hard Disk,
Compact Disk and Printer |
| Unit-2 | Working with the Control Panel
Customize your Desk top
Working with files and folders |
| Unit-3 | Features of MS-Word
Working with MS-Word, Formatting documents and texts |
| Unit-4 | Introduction to Excel and Power Point Presentation |
| Unit-5 | Working on Internet and e-mail |