सिद्धार्थ विश्वविद्यालय, कपिलवस्तु, सिद्धार्थनगर

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

Paper-I: Research Methodology
- Meaning of social research, selection and formulation of the research problem
- **Design of research**: Formulative / Explorative, descriptive, experimental
- Types and Sources of data, methods and techniques of data collection
- Presentation of Data: editing, classification and tabulation of data, diagrammatic and graphic representation of data
- Statistical Analysis of Data: Arithmetical mean as a measure of central tendency, standard deviation as a measure of dispersion, Karl Pearson's coefficient of correlation, association of attributes, tests of significance and tests of hypothesis: X^2-Test, t-Test

Books Recommended:
- *Goode, W. J. and P. K. Hatt: Methods of Social Research.*
- *Young, P. V.: Scientific Social Surveys and Research.*
- *Festinger, Leon and Daniel Katz: Research Methods in the Behavioural Sciences.*
- *Lundberg, G. A.: Social Research.*
- *Seltiz, C. Et. Al.: Research Methods in Social Relations.*
- *Ackoff, R. L.: The Design of Social Research.*
- *Manheim, H. L. & B. A. Simon: Sociological Research: Philosophy and Method*
- *Bailey, K. D,: Methods of Social Research.*
- *Bell, J. E.: Projective Techniques: A Dynamic Approach to the Study of Personality.*
- *Anderson, H. H. & G. L. Anderson: An Introduction to Projective Techniques and Other Devices for Understanding the Dynamics Human Behaviour.*
- *Ghosh and Chaudhary: Elements of Statistics.*

Paper-II : Basic Computer Application

Unit-One   Computer Fundamentals,
                   What is Desktop PC System?
                   Working of a Monitor,
                   Keyboard,
                   Mouse,
                   Hard Disk,
                   Compact Disk and Printer

Unit-Two   Working with the Control Panel
                   Customize your Desk top
                   Working with files and folders

Unit-Three   Features of MS-Word
                   Working with MS-Word, Formatting documents and texts

Unit-Four   Introduction to Excel and Power Point Presentation

Unit-Five   Working on Internet and e-mail