SCHOOL OF STUDIES IN LIBRARY AND INFORMATION SCIENCE
PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR (C.G.)

Ph.D. – Course Work in Library & Information Science

2017 - 18

Duration: One Semester (Six Months)

S.N.	Paper	Theory / Project F.M.	Pass Marks
1	Paper – I: Research Methodology	100	50
2	Paper – II: ICT and Computer Literacy	100	50
3	Paper – III: Project / Seminar	100	50
Total		**300**	**150**

Paper – I
Research Methodology

- **Research:** Characteristics, Types & Steps in research, Identification, Selection and formulation of research problems, Research questions, Review of Literature.

- **Hypothesis:** Definition and Types, Formulation & Testing. Standard Error & Point and Interval estimates.

- **Sampling theory:** Types of Sampling, Steps in Sampling. Methods of Data Collection.

- **Statistical Methods:** basic concepts & its implication in research, Measures of Central Tendency. Dispersion, Skewness and Kurtosis in Research.

- **Writing Proposal & Report:** Introduction of Synopsis & summary writing. Information Presentation, Presentation of Bibliography and citation. Editing the Final Draft, Evaluating the Final Draft.

Paper – II
ICT and Computer Literacy

- **Computer:** Introduction, Computer Architecture and Storage Devices

- **Operating Systems:** Basic introduction to windows & Linux.

- **Internet:** Basics of Internet; Search engine and Meta search engines, Internet Search techniques, Internet Security.

- **Electronic Resources:** Web resources, online databases, electronic journals, e-Books & on- line indexing and abstracting services, Services Offered by Library Networks.

- **Word Processor Software:** MS Word, MS EXCEL, MS Power Point

- **Statistical Tools:** Statistical software available for analysis and graphical Representation: SPSS, etc.