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

Ph.D. – Course Work in Library & Information Science
Session: 2018-19

Duration: One Semester (Six Months)

S.N.	Title and Paper	F.M.	Pass Marks	Theory
1	Paper – I: Research Methodology	100	60	100
2	Paper – II: ICT and Computer Literacy	100	60	100
3	Paper – III: Seminar	100	60	100
Total		300	180	300

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.