

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

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

**Duration: One Semester (Six Months)**

<b>S.N.</b>	<b>Title and Paper</b>	<b>F.M.</b>	<b>Pass Marks</b>	<b>Theory</b>
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
<b>Total</b>		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.