1. **Introduction & Research Design**
   Nature and objectives of research. Scope of Research, Types of Research, Tools and Techniques of Research Methods of Research! historical, descriptive and experimental. research process, research approaches, criteria for good research. Meaning of research design, need of research design, features of good design, different research designs. and basic principles of experimental designs, design of experiments.

2. **Data collection & Analysis**
   Types of data, methods and techniques of data collection, primary and secondary data, meta analysis. historical methods, content analysis, devices used in data collection. pilot study and pretest. of tools, choice of data collection methods.


4. **Paper writing and report generation**:  

5. **Computer Applications**:  
   Application of computer in research. Generating charts/ graph in Ms. Excel, Power point presentation ,Web Search: Introduction to Internet, Use of Internet and WWW. Using search engine like Google, Yahoo etc.

Reference Books: Latest Editions of following Books
1. Kothari, C_R., Research Methodology (Methods and Techniques), New Age Publisher.
2. Donald R. Cooper, Pamela S. Schindler, Business Research Methods. 8/e. 'fata McGraw-Hill Co. Ltd.
3. Bendat and l'iersol, Random data Analysis and Measurement Procedures. Wiley Inter science,
   a, John W. Creswell, Research Design, SAGE publications, INC.
5. ‘Trivedi RN & Shukla D.P., Research Methodology, College book depo. Jaipur  
   Bill Taylor, Gautam Sinha & Taposh Ghosal, Research Methodology. Prentice Ball of India private limited, New Delhi