

E-Content

Research Methodology

Semester:V

Prepared by:
Dr. Archana Rathore

Session 2020-2021



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Topic- Stages of Research Design



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PHASES OF RESEARCH PROCESS

- I. The conceptual phase.
- II. Design & Planning phase.
- III. The empirical phase
- IV. The Analytical phase.
- V. The Dissemination phase

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III. The empirical phase

1. The researcher establishes plans & specifies the procedure for data collection.
(*when , where, how,from whom, consent etc.*)
2. Collection of data involves clerical & administrative works.
3. The researcher ensures confidentiality of the data collected.

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SELECTION OF RESEARCH DESIGN .

1. Research design is the overall plan to obtain answers to RQ.
2. The design specifies the various types of R approaches that will be adopted.
3. As to how the researcher plans to implement specific controls to enhance the interpretability of the results.
4. There are two major types of research –Experimental & Non experimental.

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PREPARING THE DATA FOR ANALYSIS

1.The investigator, transforms the data collected into manageable form (coding) & categorize the collected data into meaningful categories.

2.The above said may be done manually or by transferring the information on to computer files.

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IV. ANALYTICAL PHASE

ANALYSING THE DATA.

1. The data collected do not answer our RQ.
2. The data needs to be processed & analysed in orderly & coherent fashion.
3. Quantitative information is generally analyzed through statistical procedures.
4. It involves usage of broad range techniques. E.g., Descriptive & Analytical statistics.

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INTERPRETING THE RESULTS

1. Before communicating the results, they must be organized & interpreted.
2. This helps to examine the implications of findings within a broader context.
3. The researcher reflects, supports his/ her finding with the consistency of the existing literature.



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V. THE DISSEMINATION PHASE.

- 1.The results of research findings are of not use if they are not communicated.
- 2.The final task of the project is to prepare research report.
- 3.The reports could take various forms as papers, dissertations, journal articles, professional conferences

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UTILIZATION OF RESEARCH FINDING

The concluding step of a high quality study is to plan for utilization in the real world.

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Reference

Research Methodology by C.R.Kothari

<https://ugcnetpaper1.com/research-methodology>



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