

# Research Methodology in Thesis Writing – Guide-2022

If you have written a research paper, you must be aware of the term “research methodology” which is one of the crucial parts of a thesis. If you are an [essay writer](#) then, writing a research methodology will be a pretty easy task for you as you only have to mention the information regarding research methods and data collection as you do in the informative essays.

In a research methodology, the most important thing is to mention the research method on which your whole research is based. Your research paper will be based on one of the following research methods.



# Quantitative research method.

The quantitative method is one of the research techniques that can be deployed on the thesis to analyze and collect the data. This type of research approach deals with numerical values and digits. Researchers use this research when they are interested to find the results in numbers. This research approach allows the researchers to quantify the data in order to generalize it to the larger population from which the sampling has been taken.

Mostly this research method is used by students who like to research in a scientific paradigm. To get the results in numbers, this method follows structured data collection tools e.g., questionnaires are based on structured questions and the participants have to answer them by selecting one of the given options.

Other than questionnaires, quantitative research tools involve surveys, content analysis, structured tests, observation, experiments, etc. the results of these tools are derived using computational, statistical, and mathematical techniques.

# Qualitative research method.

As compared to the quantitative research method, qualitative research is subjective as it involves participants' opinions and points of view regarding a specific topic. Unlike quantitative research, this kind of research method allows participants to drive the research. Because the researchers do not follow rigid structures, in fact, they provide a free hand to their participants to share their views.

The quantitative research tools include interviews, observation, content analysis, discussions, etc. in these methods, the data is generated in the form of video recordings, field notes, transcripts, video recordings, etc. a qualitative research approach allows the researchers to interpret and contextualize the data that is gathered by using these tools. An [essay writer service](#) understands the differences between these kinds of research and can do your assignment accordingly.

# Mixed method.

In thesis writing, you can also apply a research method that is a blend of both qualitative and quantitative research methods. This method is also used for the triangulation purpose, as it allows you to achieve data on a specific topic by using various means. In this research method, qualitative and quantitative methods are fused to achieve valid results but at the same time, it recognizes the limitations of both methods.

# Writing methodology in the research paper.

In a research paper, one of the most important and lengthy chapters is research methodology. In this section, you are supposed to mention the data collection and analysis method. Research methodology can be written as a complete lengthy paragraph, but it can also be written by creating different headings. In my opinion, writing a research methodology is an extremely easy task if you are clear about how you are conducting the research.

But, in case you are writing it for the first time, you can take help from an [essay writer website](#). But if you are interested in writing it on your own, follow the below-mentioned steps.

## Research methods.

In the data collection part of your research methodology, you first have to mention one of the above-mentioned research methodologies that you are applying in your research.

## Research tool.

Based on the selected research method, state the research tool that you have designed to collect the data e.g., mention if your research tools are interviews, questionnaires, etc. Inform your readers about how many questionnaires you have designed to collect the data.

## Research participants.

After mentioning the research tool, discuss your research participants. Define the sampling technique that you have selected to reach out to your participants. Specify the number of participants you will be analyzing in your research.

# Theoretical framework.

After the data collection part, you are required to mention the theoretical lens from which you are analyzing the data. In this section, you will discuss the theory that you are applying to your research e.g., content analysis, textual analysis, etc.

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