

University Setif2

Departement of Arabic Language and Literature

Module : Methodology

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Lecture02 : Methods and Methodology

Introduction:

Greetings, aspiring researchers! Today, we're setting sail into the intriguing waters of research methods and methodology, let's explore the key elements that guide us through the scientific process.

Types of Research:

First things first, there are different types of research, each with its unique purpose. There's exploratory research, where you're like a detective, trying to understand a problem. Descriptive research paints a detailed picture of a situation, while explanatory research seeks to explain the 'why' behind phenomena. Remember, the type of research you choose depends on your specific goals.

Research Approaches:

Now, let's talk approaches. Think of research approaches as your roadmap. There's quantitative research, which deals with numbers and statistics, and qualitative research, which dives into the rich tapestry of human experiences through words and observations. Choosing the right approach is like picking the right tool for the job – precision matters.

Research Methods vs. Methodology:

Don't let these terms confuse you. Research methods are the techniques you use to gather data, like surveys, experiments, or interviews. On the other hand, methodology is the overall strategy, the blueprint that guides your entire research process. Methods are the tools in your toolbox, and methodology is the master plan for using them effectively.

Research: The Scientific Process:

Picture research as a scientific adventure. It starts with a question, followed by a thorough review of existing knowledge (we call this a literature review). Then comes the formulation of a hypothesis – a fancy way of saying an educated guess. After that, it's all about collecting and analyzing data to see if your guess holds water. Finally, drawing conclusions and sharing your findings with the world.

Conclusion:

As we reach the shores of our lesson, remember that research is a dynamic and evolving process. Don't be afraid to navigate uncharted territories and explore new methods. Your journey doesn't end with a conclusion; it's a checkpoint for the next expedition. Embrace the challenges, learn from the process, and let your research be a beacon guiding you toward greater understanding.

Content Review:

Before we wrap up, let's review the key points:

Types of Research: Exploratory, Descriptive, Explanatory.

Research Approaches: Quantitative and Qualitative.

Research Methods vs. Methodology: Methods are the tools, methodology is the strategy.

The Scientific Process: Question, Literature Review, Hypothesis,
Data Collection, Analysis, Conclusion.