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A PRACTICAL GUIDE IN WRITING RESEARCH FOR STUDENTS

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Preface

Research is the primary means of expanding our understanding of the world. It allows us to explore new ideas, test hypotheses, and discover new facts and principles. By conducting research, we can build upon existing knowledge and contribute to the development of various disciplines.

In addition, research is instrumental in finding solutions to complex problems and challenges. Through systematic investigation and analysis, researchers can propose innovative ideas, technologies, and approaches that can lead to improvements in various aspects of human life, such as healthcare, technology, the environment, and more.

However, many students find research writing to be challenging. Students' struggles are understandable because research is a demanding process that calls for an in-depth understanding of the subject under consideration, meticulous planning, designing, strategizing, and a lot of effort. Additionally, sufficient time and attention are needed for successful study conduct.

This book will present a simplified guide to writing research that will help students in developing their proposals and in gathering, analyzing, and interpreting their data. The terminologies used are simple so that students will have a good grasp of the concepts and acquire research writing skills.

It is my sincere wish that this book would make research for students much simpler and less difficult for them to complete. In addition, I hope that by publishing this book, more professionals and students would be interested in conducting research.

Alma

Chapter 1
Nature and Significance of Research

A fundamental force for progress or change in any area is research. The advantages of research can be observed not only in the output or in observable results but also in the development of values that shape the researcher's character over the course of his research. As one investigates the surroundings and day-to-day affairs and reflects on the issues that plague man and his drive for progress, conducting research helps one develop reflective and critical thinking skills.

Nature of Research

1. Research is a problem-solving activity using scientific tools. A problem exists and you conduct research because you want to give a solution to the problem.
2. Research is the production of new knowledge and/or the application of existing knowledge in a novel or creative manner and results in the development of new approaches, and understanding (Western Sydney University, 2020).
3. Research is a structured and methodical approach that aims to answer specific questions, test hypotheses, or gain a deeper understanding of a particular topic. Its main objectives are to generate new knowledge, validate existing theories, or develop practical applications.
4. Research finds solutions to some pressing concerns because of collecting and analyzing data. These solutions add to our growing body of knowledge.
5. The main goal of research is to advance knowledge by creating new scientific theories, concepts, and ideas to benefit society.

The nature of research is critical for advancing human understanding, solving problems, and fostering progress in various domains of knowledge. It is a fundamental process that underpins advancements in science, technology, medicine, social sciences, and many other fields.

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