

**BOOK REVIEW**

# Essentials of Biostatistics & Research Methodology

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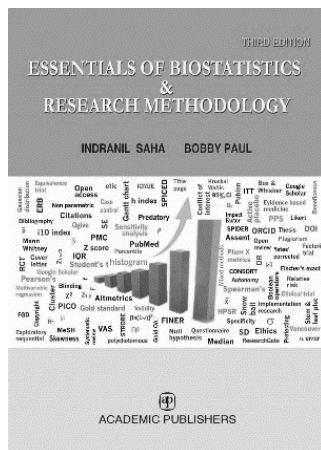
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The 3rd edition of “Essentials of Biostatistics & Research Methodology” by Dr. Indranil Saha & Dr. Bobby Paul is one of the complete books on Biostatistics & Research Methodology for Undergraduates, Postgraduates & Ph.D. students of health disciplines. It contains 11 chapters of Essential Biostatistics which are

explained from basic to higher statistical concepts in an easy, understandable language by using appropriate examples, tables, diagrams wherever possible. Chapter 1 explains basic data & its presentation with maximum examples accurately. Estimation of sample size is explained excellently with formulae, examples for each study method. Sampling technique and variability, correlation, regression concepts are explained in a way they gave complete insight into the concepts. The advanced topics are a good guide for biostatisticians. Research Methodology has 6 chapters starting from “Art and science of Research” to “Publication Technicalities” are explained systemically with topics, subtopics, feasible examples. Research Methodology is illustrated conceptually from basic definitions, concepts of complete study design along with examples, level of evidence, the hierarchy of evidence, advantages and disadvantages of

each study design, methods of data collection, each method with examples. Review of Literature with images of the latest search tools is given extensively along with references styling. Ethical considerations & Publication technicalities are explained in detail which helps the students to avoid these problems. Starting from the protocol writing to submission of research was given in a linear method, these 6 chapters completely give an overview of the research question in an easy, accessible, doable, and practical way.

At the end of each chapter references, bibliography of the chapter is given broadly for further references. The exercises given at the end of the chapter for assessment which includes long, short exercises along with statistical questions and their explanations are given outstandingly, the multiple-choice questions from previous year entrance exams are authentic questions with answers, explanations will be of utmost useful students to clear conceptual doubts and also to crack university, National entrance exams like INI, NEET.

This book helps all the biomedical professionals to get a complete insight into the Biostatistics as well as Research Methodology in a comprehensive, accurate, and easy way especially to students who have less access to Research questions and also to students who are more oriented towards research. Many topics like publication technicalities, higher statistical analyses with examples that are not discussed in many books are dealt with in detail in this book. This book is invaluable in every medical college library and other department's libraries that are active in research, it's reporting, and publishing.