

Title of the book

Mathematical Modelling Basics

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About the Book

This Book with the title 'Mathematical Modelling Basics' covers the Mathematical Modelling Basics. The four chapters of this book were written in an easily digestible and reproducible format with required information. An effort has been made to present the book in this form and if it proves helpful to the students, we shall consider my effort has been amply rewarded. - We owe a debt of gratitude to our colleagues, who were chiefly instrumental in favouring us to undertake this work. - Valuable comments and Suggestions for the book will be acknowledged with thanks.

Cover Page



Dr. D. Purna Chandar Rao, completed M.Sc in Applied Mathematics, M.Tech in Computer Science Engineering, Ph.D in Applied Mathematics. Having 22 years of teaching experience in PG & UG in Engineering colleges. Presently working as Assistant Professor of Mathematics in Matrusrri Engineering College, Saidabad, Hyderabad from 2012 to till date. Published 10 research papers in reputed international journals. Participated in more than 20 workshops, FDP's and presented papers in national and international conferences. Attended as a resource person in Engineering Colleges.

Dr. K. Venkateswara Raju, M.Sc (Applied Mathematics), M.Phil., Ph.D., has impeccable academic credentials. Besides teaching Mathematics, for more than 17 years to undergraduates and post graduates, he is also actively involved in research projects and publications. He has published SCOPUS, WOS as well as conference proceedings also with good Impact factor. He has also presented research papers in prestigious National & International conferences across the country. He is acting as reviewer of reputed journals and had a membership in reputed Societies. He published text books & patents. He is a life member of many professional organizations. His research interest & current research areas are Convective flows in Nanofluid's, Hybrid Nanofluids, Heat and Mass transforms, PDE and Mathematical modeling, MHD, Porous media, Radiation, etc.,



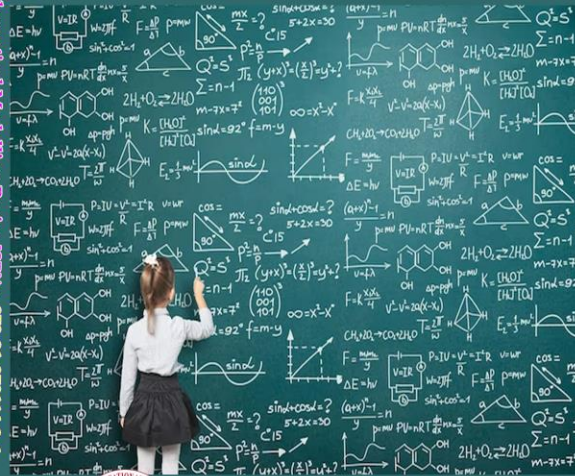
Dr. S. Suneetha is working as an Associate Professor in the Department of Applied Mathematics, Yogi Vemana University, Kadapa, Andhra Pradesh, India. She has 60 publications in SCI and Scopus journals. She published four books. She guided two Ph.D's. She executed one UGC Seed project. She is a life member of many professional organizations. Her current research areas are Convective flows in Nanofluids, Hybrid nanofluids, Entropy Generation, MHD, Porous media, Radiation, Stability analysis, Sensitivity Analysis etc.

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