

# Preface

I am deeply gratified by the enthusiastic response shown to all the earlier editions of my book on Engineering Mathematics (for the first year) by the students and teachers throughout Tamil Nadu.

Consequent to the trifurcation of Anna University, it has become necessary to revise the existing book on Engineering Mathematics for the first-year course. While the Chennai Anna University retains the annual pattern for the first year of the B.E./B.Tech. programmes and continues to follow the same syllabus in mathematics, the Trichy and Coimbatore Anna Universities have changed over to the semester pattern and have revised the syllabus content in mathematics a little. Accordingly, the topic *Cone and Right Circular Cone* has been given as an appendix. Also, the topic *Applications of Differential Equations* has been added to the appendix. No change has been made in Part–II of the book which covers the syllabus for the second semester.

I have taken special care in revising this book so as to cater to the requirements of the first-year engineering students of all the three Anna Universities in Tamil Nadu.

I hope that the book will be received by both the faculty and the students as enthusiastically as the earlier editions of the book and my other books.

Critical evaluation and suggestions for the improvement of the book will be highly appreciated and acknowledged.

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