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# A Textbook of Differential Calculus

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# A Textbook of Differential Calculus

(As per syllabus of Indian Universities for undergraduate  
students of Science and Technology)

By

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## PREFACE

Many state universities have modernized their courses at undergraduate and post graduate levels to fulfil the requirements of advance stage. This book of differential calculus, which is the one of the foundation stone of mathematics, has given us an opportunity to publish the entire work with some modifications to make the book fairly complete and more comprehensive.

The book contains all the topics which are generally prescribed for standard differential calculus course and provide a foundation of various concepts required in differential calculus and its applications.

This book is essentially an adjustment to cover the entire syllabus of all the units of examination papers on differential calculus. We are thankful to our colleagues and friends for their due encouragement and encouragement and suggestions to improve the text. Our sincere thanks are also due to our publishers for undertaking the publication and bringing the book in time for the use of the readers.

All suggestions for the improvement of the book will be gratefully received and acknowledged.

- Authors

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