

TEXTBOOK OF
Mineral Processing

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To my Wife
Krishna Veni

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Preface

This book “TEXTBOOK OF MINERAL PROCESSING” has been written to cater the needs of undergraduate students of Mining and Metallurgy Engineering and postgraduate students of Applied Geology as most of the universities have a compulsory paper of Mineral Processing in their courses of study. This is first of its kind and a concise book for Mineral Processing to cover their syllabus otherwise one need to refer several books to deal with the syllabus.

Various aspects of the Mineral Processing have been dealt and explained in an easy to understand manner in this book. Simple numerical calculations necessary for evaluation of the processes have also been incorporated. A chapter “Coal Characterization” has also been included in this book for the benefit of those students who have washability characteristics of coal in their syllabus. Further, the present practices of processing of ores and coal in India have been dealt.

It is believed that the subject is presented in this book will be appreciated by the students and realize the importance of mineral processing and motivate them to choose Mineral Processing as one of the stepping stones in their professional carrier. It is hoped that this book will serve as a first book for Mineral Processing students to understand the basic principles of mineral processing and their applications.

I sincerely appeal the readers to communicate their feedback on the contents and suggestions for improvement which will be useful to incorporate in future editions.

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