

About the Book

This book is written for the students of chemical and mechanical engineering as well as of food technology at an introductory level.

Students at degree/diploma level and those appearing for competitive are expected to find the book useful.

Contents:

- 1. Introduction*
- 2. Newton's law of viscosity and falling film flow*
- 3. Viscous flow in tubes and parallel planes*
- 4. Turbulent flow and friction factors*
- 5. General equations and boundary layer theory*
- 6. Free settling of particles*
- 7. Packed beds and fluidized beds*
- 8. Bernoulli equation and applications*
- 9. Flow measurements*
- 10. Compressible gas flows*
- 11. Dimensional analysis*
- 12. Flow through piping systems*
- 13. Appendices*
- 14. Additional solved problems*
- 15. Multiple choice questions*