

---

# Contents

---

<i>Preface</i>	v
<i>Syllabus</i>	vii
1. History of Pharmacy Profession in India	1
2. Introduction to Pharmacopoeia	10
3. Packaging Materials	20
4. Pharmaceutical Aids	30
5. Size Reduction	38
6. Size Separation	43
7. Mixing	48
8. Filtration	55
9. Drying	64
10. Extraction	69
11. Tablets	77
12. Capsules	97
13. Liquid Oral Preparations (Syrups, Elixirs, Solutions, Suspensions and Dry Powder for Reconstitution, Emulsion)	105
14. Topical Preparations (Ointments, Creams, Pastes, Topical Gels, Liniments, Lotions, Suppositories, Passaries, Nasal Preparations and Ear Preparations)	133
15. Powders and Granules	176
16. Sterile Formulations (Injectables/Parenteral/Sterile Dosage Forms, Ophthalmic Products: Eye Drops, Eye Ointments)	183

**x**    **Pharmaceutics**

---

17. Immunological Products (Sera, Vaccines, Toxoids)	201
18. Pharmaceutical Industry and Basic Concepts	225
19. Quality Control and Quality Assurance	232
20. Novel Drug Delivery System (NDDS)	242