

Name of Course	Pharmaceutics – III (Hospital and Community Pharmacy) (W)
Marks	100 Marks
Introduction	<p>Pharmaceutics-III covers the important aspects of Hospital and Community Pharmacy. It starts with an introduction to the Pharmaceutical and Medical Terminologies used in these fields. The course delves into Hospital Pharmacy, covering the organization of hospitals, clinical departments, nursing, dietetics, pathology, blood bank, radiology, and other supportive services, along with the role of Pharmacy in Hospitals. Students will learn about the Hospital Formulary and the safe use of medication in the Hospital, the distribution and control of hospital medicines, and an introduction to health accessories and surgical supplies.</p> <p>The course then transitions into Community Pharmacy, providing definitions and background. Students will explore the connection between public health and community pharmacy, including epidemiology and its control, preventive health (EPI & CDC), family planning, health policy, and national drug policy. Patient education and counseling will also be covered. The course concludes with an introduction to pharmacy layout design, management of pharmaceutical and hospital waste, and classes in layout design.</p>
Learning Outcome	<p>Upon completing the course in Pharmaceutics-III (Hospital and Community Pharmacy), students should be able to:</p> <ul style="list-style-type: none"> • Demonstrate an understanding of pharmaceutical and medical terminologies used in hospital and community pharmacies. • Understand the organization of hospitals, including the classification of hospitals, clinical departments, and the role of the pharmacy in hospitals. • Explain the concept of the hospital formulary and its role in dispensing to inpatients and outpatients. • Demonstrate an understanding of safe medication use in the hospital and the distribution and control of hospital medicines. • Describe the importance of public health and community pharmacy in epidemiology and its control, preventive health, health policy, and national drug policy. • Demonstrate patient education and counseling skills. • Understand the design and layout of pharmacies, including objectives, types of pharmacies, consumer goods and purchases, and classes of layout designs. • Understand the management of pharmaceutical and hospital waste.

Curriculum

1. Pharmaceutical and Medical Terminologies Used in Hospital and Community Pharmacy
2. Introduction to Hospital Pharmacy
3. Hospital and its Organization
 - a) Classification of Hospitals.
 - b) Clinical Departments
 - c) Nursing,
 - d) Dietetic,
 - e) Pathology,
 - f) Blood Bank,
 - g) Radiology and other supportive services etc.
 - h) Pharmacy's Role in the Hospitals.
4. An Introduction to the Hospital Formulary.
5. Dispensing to Inpatients and Outpatients.
6. Safe use of Medication in the Hospital.
7. Introduction to Distribution and Control of Hospital Medicines.
8. An introduction to Health Accessories and Surgical Supplies.
9. General Introduction to Community Pharmacy, Definitions, and Background.
10. Public Health and Community Pharmacy:
 - a) Epidemiology & its Control
 - b) Preventive Health (EPI & CDC) Family Planning
 - c) Health Policy & National Drug Policy
11. Patient Education and Counselling
12. Pharmacy Layout Design:
 - a) Objectives
 - b) Types of Pharmacies
 - c) Consumer goods and purchases
 - d) Classes of Layout designs.
13. Management of Pharmaceutical and Hospital Waste