

MBPC3044 HOSPITAL PLANNING AND FACILITY MANAGEMENT (3-0-0)

Course Objective:

- To provide foundational knowledge of hospital infrastructure planning, layout, and design.
- To understand facility management practices including maintenance, safety, and sustainability.
- To examine strategic planning for future expansions and technological integration.

Module - I

Management and Organizations - Management Role- Levels of Managers and Management Skills - Classical School- Behaviour School-Management Science School

Management Functions and Process Planning- Organizing -Staffing - Directing-Controlling

Hospital Management: Levels and Roles Governing Board, Executive Board and Advisory Board - CEO, Medical Administration, Nursing Administration and Hospital Administration- Middle Level Managers in Hospital and their Responsibilities

Module - II

Hospital Functional Planning Flow and area analysis – inter departmental relations– departmental and room functions– standard room– bed distribution, space requirements –developing a move sequence. Planning for Medical Specialties: An over view of – Oncology –General Medicine – Cardio – Thoracic , Gastroenterology – Urology – Nephrology – Radiology – Psychiatry – Endocrinology – Neurology – Ophthalmology – Dental Services – Maternity Services – Accident and Emergency Services etc. – Out Patients and Day – Care Services – Inpatient Nursing Units – Intensive Care Units – Operation Theatres.

Module - III

Nutrition and Dietary services– Pharmacy services– Medical Records services

Facilities Engineering– Maintenance of Civil Assets– Electrical supply and Water supply Medical gas pipeline– Plumbing and Sanitation– Air conditioning system– Hot water and Steam supply– Communication Systems–Biomedical engineering departments in modern hospitals.

Laundry services– Housekeeping services– CSSD-Energy conservation methods– AMC

Ambulance services– Mortuary services– Hospital security services.

Course Outcomes:

- To Design functional hospital layouts that support efficient patient care and staff movement.
- To implement safety and emergency preparedness measures tailored to healthcare environments.
- To apply legal and regulatory guidelines in hospital construction and maintenance.

Text Books:

1. Peter M Ginter, W. Jack Duncan, Linda E Swayne,'Strategic Management Of Health Care Organization'8th Edition,Wiley,2017
2. Gupta,'Hospital Administration And Management: A Comprehensive Guide', Jaypee Brothers Medical Publishers Pvt. Ltd., New Delhi,2016
3. G.D.Kunders, HOSPITAL AND FACILITIES PLANNING AND DESIGN