

1. Subject Title: **Hospital Planning**

2. Subject Code: **HOM-701**

3. Contact Hours **60**

Self Study and Assignment 30

Credit Hours 06

4. Subject description and expected learning outcomes

The course designed to enhance the technical skill and knowledge of students to understand the intricacies of hospital Planning and Construction.

5. Mode of Delivery

Lecture

Seminar

Assignments

Presentations

Hospital Visits

6. Contents

Week	Hours	Units	Content
1	6	1	Overview of healthcare as an enterprise, history and development of hospitals, hospital planning –proposal writing
	6	2	Hospital Planning: Feasibility Study-Technical evaluation
	6		Hospital Planning: Feasibility Study-Financial evaluation
	3	3	Detailed Project Report
	2	4	Hospital Design-Master Plan
	2		Hospital Design-Functional analysis
2	1		Hospital Design-Architectural Design of clinical and support services
	3		OPD Services
	3		Diagnostics Services
	3		Radiology Services
	2		Emergency services
	4		Operation Theatre
	2		Central Sterile Services
	2		Pharmacy Services
	1		Hospital Design-Architectural Design of Utility services
	4		Engineering service system plan
	2		Laundry Services
	3		Dietary and Kitchen services
	2		Hospital Design-Equipment plan

Week	Hours	Units	Content
	3		Hospital Design- commissioning plan, Post commissioning evaluation

Hospital Visit with faculty is arranged during the module

7. Assignments:

Assignment will be given after each unit. These assignments would focus on assessing the skill on using the knowledge and concepts of hospital planning on real life and understanding the issues and problems in hospital planning.

The student in groups, undertake to plan a department and collectively this leads to planning of a Hospital. This planning is presented department wise on the last day of the module and is reviewed by Faculty. The discussion leads to clarity of the Planning & Design Principles.

8. Assessment:

The students will be assessed by a written Examination and assignments. The distribution of marks will be as follows:

Final written examination	70%
Mid-term examination & assignments	30%

9. Readings

- IIHMR course material
- Hospital Planning and Administration: R. Liewelyn Davies and H.M.C. Macaulay- Geneva: W.H.O. 1996.
- David R Porter & Ann Arbor -: Hospital Architecture: Guidelines for design and renovation: AUPHA 1982
- Kunders G. D. S. Gopinath and Asoka Katakam. Hospital Planning, Design and Management
- Jolly .D and Gerbaud: Hospitals of Tomorrow: WHO Publication
- National Building Code
- National Electrical Code
- JCAHO, Hospital Accreditation Standards, 2003
- Mayhall Glen C, "Hospital Epidemiology & Infection Control - Overview of the Medical Information System", 1995.
- Robinson G.A., "Hospital Administration", London, Butterworths,
- Rowland Howard S. and Rowland Beatrice L, " Handbook of Hospital Administration", Aspen Publications, 1984.