



GUJARAT TECHNOLOGICAL UNIVERSITY

Post Graduate Diploma in Hospital Management

Semester: 2

Branch: Post Graduate Diploma in Hospital Management

Subject Name: Hospital Planning and Project Management

Subject Code: 1527702

Rationale:

Course Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
				ESE (E)	PA (M)	ESE (V)	PA (I)	
3	0	0	3	50	0	0	50	100

Course Content:

Unit No.	Content	No. of Hours	Weightage (%)
1	<p>Introduction to Hospital Management Definition, History & Types of Hospital, Function of Hospital Classification of Hospital</p> <p>Hospital Planning Concept of Planning, Setting up goals and missions, Feasibility study, Identification of Geographical Area, Patient Group size, Types of Facilities to be provided, Characteristics of Population growth, Designing and execution</p>	7	10
2	<p>Changing health care concept in planning / designing Site surveys for planning a hospital (Techno-Commercial), Hospital building, architectural patterns, landscaping, Internal arrangements, sanitation, lighting, ventilation and traffic control,</p> <ul style="list-style-type: none"> • Planning of 30,100,250 bedded hospital(general/specialty) • Planning of 500, 750 and above bedded hospital(teaching/super-specialty/non-teaching specialty hospitals) 	8	15
3	<ul style="list-style-type: none"> • Planning Clinical Services: Overview- function- location- design- organization- space requirement- facilities- emergency services design- space requirement- physical facilities. • Planning Support Services: Overview- function- location- design- organization- space requirement- facilities- design- space requirement- physical facilities • Facilities planning: 	8	15



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	Transport – communication – food services – mortuary – information system – water- electricity- sewage line- centralized medical gas system- eco-friendly hospital. <ul style="list-style-type: none">System planning and commissioning: HR planning- Equipment planning- commissioning- Legal issues w.r.t. hospital setup.		
4	Project cost and total budget: Feasibility and viability study of Hospital Project conceptualization, functional requirements. Implementation, Case Studies	7	10
	Total Hours/Marks:	30	50

Suggested Student Activities for PA: (50 Marks)

Group Discussion, Presentation, Class Exercise, Small Project, Case Study

Suggested Learning Resources:

S. No.	Title of Book	Author	Publication with place, year and ISBN
1	Narendra Malhotra	Hospital Designing & Planning	Jaypee Publication
2	B M Sakharkar	Hospital Administration & Planning	Jaypee Publication
3	Shakti Kumar Gupta	Planning & Designing of Specialty Healthcare Facilities	Jaypee Publication
4	Shakti Kumar Gupta	Modern Trends in Planning & Designing of Hospitals	Jaypee Publication