

St.James College of Pharmaceutical Sciences St.James medical Academy River Bank, Chalakudy			
Programme:	PHARM D	Sem.:	YEARLY
Name of Course: (Subject)	HOSPITAL PHARMACY	Course Code:	4.2
Teaching faculty of the course	DEEPTHI C DENNY		

Summary of the Lecture Plan

Topic	Lectures	Hours
Hospital	Organisation	3
	functions	2
Hospital pharmacy	Organizational structure-Staff, Infrastructure & work load statistics	3
	Management of materials and finance	3
	Roles & responsibilities of hospital pharmacist	3
Budget	Preparation	2
	Implementation	2
Hospital drug policy	Pharmacy and Therapeutic committee (PTC)	3
	Hospital formulary	2
	Infection committee	2
	Research and ethical committee	2
	developing therapeutic guidelines	2
	Hospital pharmacy communication - Newsletter	2
Hospital pharmacy services	Procurement & warehousing of drugs and Pharmaceuticals	2
	Definition, various methods of Inventory Control ABC, VED, EOQ, Lead time, safety stock	3
	Individual prescription method	2
	Floor stock method	2
	Unit dose drug distribution method	2
	Distribution of Narcotic and other controlled substances	3
	Central sterile supply services – Role of pharmacist	3

Manufacture of Pharmaceutical preparations	Sterile formulations – large and small volume parenterals	3
	Manufacture of Ointments, Liquids, and creams	3
	Manufacturing of Tablets, granules, capsules, and powders	3
	Total parenteral nutrition	2
Continuing professional development programs	Education	3
	Training	2
Radio Pharmaceuticals	Handling	3
	packaging	3
Hospital Pharmacist	Professional Relations	3
	practices	2

Major issues or Core aspects to be addressed/ covered:

Topic Title
Hospital Definition, organization & functions
Hospital pharmacy organization structure, management, Roles & responsibilities of hospital pharmacist
Topic Title
Professional Relations & practices of Hospital Pharmacist External Teaching & Internal Teaching Programme
Manufacture of Pharmaceutical preparations Sterile preparation methods Manufacturing methods TPN
Topic Title
Budget preparation & its implementation
Hospital drug policy composition, functions & operation of PTC Hospital Formulary, contents & its advantages & disadvantages composition & activities of infection control committee composition & activities of research & ethical committee Steps in developing therapeutic guidelines Format & contents in News Letter

Topic Title
Continuing professional development programs Educating & training purpose & principles
Radio Pharmaceuticals Handling & Packaging steps
Topic Title
Hospital pharmacy services Drug & Pharmaceutical Procurement & warehousing Define Inventory, Methods its advantages & disadvantages Distribution methods, advantages & disadvantages Distribution of Narcotic and other controlled substances, limitations & steps to be followed Define CSSR, location, lay out, limitations & advantages

Sample Questions

Topic Title
Hospital Define Hospital Explain its organization & functions
Hospital pharmacy Explain its organization structure What are the Roles & responsibilities of hospital pharmacist
Topic Title
Budget Explain budget preparation & its implementation
Hospital drug policy What is a PTC? Explain Its composition, functions & operation of PTC in hospital Define Hospital Formulary & its contents in detail. Explain composition & activities of infection control committee Institutional research & ethical committee in a hospital Write in detail about Standard Therapeutic Guidelines Write in detail about hospital pharmacy communication news letter
Topic Title
Hospital pharmacy services Explain Procurement & warehousing of drugs and Pharmaceuticals Define inventory. Explain ABC analysis & Economic Order Quantity methods of inventory control Write about VED analysis Explain Distribution of Narcotic and other controlled substances Write about role of pharmacist in Central sterile supply services Enumerate various drug distribution methods to inpatients with its advantages & disadvantages
Manufacture of Pharmaceutical preparations Discuss the method of sterilization for small volume parenterals

Explain about the TPN solution regimen

Topic Title

Continuing professional development programs

What is Continuing professional development for pharmacist? Explain its purpose & principles

Topic Title

Radio Pharmaceuticals

Explain the packaging & handling of radio pharmaceutical in hospitals

Topic Title

Professional Relations & practices of Hospital Pharmacist

Explain about the teaching programmes.