

St.James College of Pharmaceutical Sciences St.James medical Academy River Bank, Chalakudy			
Programme:	pharmd	Sem.:	Fourth year and first year pharmd pb
Name of Course: (Subject)	Clinical pharmacy	Course Code:	
Teaching faculty of the course	ajivarghese		

### Summary of the Lecture Plan

Topic	Lectures	Hours
Introduction to daily activities of a clinical pharmacist	scope of clinical pharmacy	2
	Drug therapy monitoring	3
	Ward round participation	2
	Quality assurance of clinical pharmacy services	2
	Patient counseling	2
Clinical laboratory tests used in the evaluation of disease states, and interpretation of test results	Haematological, Liver function, Renal function, thyroid function tests	9
	Tests associated with cardiac disorders	2
	Fluid and electrolyte balance	2
	Microbiological culture sensitivity tests	2
	Pulmonary Function Tests	2
Drug & Poison information	Introduction to drug information resources available	2
	Critical evaluation of drug information and literature	2
	Preparation of written and verbal reports	1
	Poisons information- organization & information resources	2
Communication skills	including patient counselling techniques	2
Pharmacovigilance	Adverse drug reactions - Classification, mechanism	3
Pharmaceutical care concepts	presentation of cases	2
Critical evaluation of biomedical literature	Journal review	1
Medication errors	Types of error	3

### **Major issues or Core aspects to be addressed/ covered:**

Topic Title Drug therapy monitoring
medication chart review
clinical review
pharmacist interventions
Topic Title Ward round participation

Types of ward rounds
Pre rounds
Role of clinical pharmacist
Topic Title Patient counseling
Counseling steps
Barrier involved in patient counseling
Communication and non communication skill
Topic Title Clinical laboratory tests used in the evaluation of disease states, and interpretation of test results
Haematological test
Lft
Rft
Tests associated with cardiac disorders
Topic Title Drug & Poison information
Systematic approach in answering DI queries
Preparation of written and verbal reports
Establishing a Drug Information Centre
Introduction to drug information resources available
Topic Title Pharmacovigilance
predisposing factors,
causality assessment
Topic Title Pharmacovigilance

### Sample Questions

Topic Title IntroductiontoClinicalPharmacy
Pharmaceutical care and its scope
Explain about ward round participation
Role of clinical pharmacist
Drug therapy review
Topic Title ClinicalPharmacyServices
Patientmedicationhistoryinterview
Pharmacovigilance
Materiovigilance
Patient medicationcounselling
Barriers involved in patient counseling
Topic Title Lab Data Interpretation
Hematological tests
Renal function tests
Liver function tests
Tests associated with cardiac disorders
Pulmonary function tests
Thyroid function tests
Topic Title Medicines & Poison Information Services

Medicine Information Service
Definition and need for medicine information service
Medicine information resources
Systematic approach in answering medicine information queries
Preparation of verbal and written response,