

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

### Sample Questions

<b>Topic Title Introduction to Clinical Pharmacy</b>
Pharmaceutical care and its scope
Explain about ward round participation
Role of clinical pharmacist
Drug therapy review
<b>Topic Title Clinical Pharmacy Services</b>
Patient medication history interview
Pharmacovigilance
Materialovigilance
Patient medication counselling
Barriers involved in patient counseling
<b>Topic Title Lab Data Interpretation</b>
Hematological tests
Renal function tests
Liver function tests
Tests associated with cardiac disorders
Pulmonary function tests
Thyroid function tests
<b>Topic Title Medicines &amp; Poison Information Services</b>

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,