

St.James College of Pharmaceutical Sciences St.James medical Academy River Bank, Chalakudy			
Programme:	M.Pharm	Sem.:	I SEM
Name of Course: (Subject)	Pharmacotherapeutics -I	Course Code:	MP
Teaching faculty of the course	Lincy George		

### Summary of the Lecture Plan

Topic	Lectures	Hours
Cardiovascular system:	Hypertension	3 hrs
	Congestive cardiac failure	3 Hrs
	Acute coronary syndrome	2 Hrs
	Arrhythmias,	2 Hrs
	Hyperlipidemias.	2 Hrs
Respiratory system: & Endocrine system:	Asthma	3 Hrs
	Chronic obstructive airways disease,	2 Hrs
	Drug induced pulmonary diseases	2 Hrs
	Diabetes	3 Hrs
	Thyroid diseases	2 Hrs
Gastrointestinal system:	Peptic ulcer diseases,	3 Hrs
	Reflux esophagitis	3 Hrs
	Inflammatory bowel diseases	3 Hrs
	Jaundice & hepatitis	3 Hrs
	Cirrhosis	2 Hrs
	Diarrhea and Constipation	2 Hrs
	Drug-induced liver disease	2 Hrs
Haematological diseases	Anemia,	3 Hrs
	Deep vein thrombosis	2Hrs
	Drug induced hematological disorders	1 Hr
Bone and joint disorders:	Rheumatoid arthritis	2 Hrs
	Osteoarthritis	2Hrs
	Gout,	2 Hrs
	Osteoporosis	2 Hrs
Dermatological Diseases:	Psoriasis	1 Hr
	Eczema and scabies	1 Hr
	impetigo	1 Hr
	drug induced skin disorders	1 Hr
	Conjunctivitis	1 Hr

Ophthalmology:	Glaucoma	1 Hr
----------------	----------	------

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

<b>Topic Title : Cardiovascular system:</b>
Etiology, Pathogenesis, Clinical Features and management of Hypertension
Etiology, Pathogenesis, Clinical Features and management of CHF
Etiology, clinical Features and management of Acute Coronary Syndrome
Etiology, Pathogenesis and management of Hyper lipidemia.
Etiology, Pathogenesis and management of Cardiac Arrhythmias.
<b>Topic Title: Respiratory and Endocrine System</b>
Etiology, pathogenesis, clinical features and management of different types of Asthma.
Etiology, pathogenesis, clinical features and management of COPD
Different drug induced Pulmonary Diseases with examples of drugs and management
Etiology, pathogenesis, clinical features and management of Thyroid disease
Etiology, pathogenesis, clinical features and management of Diabetes Mellitus
<b>Topic Title: Gastrointestinal system:</b>
Etiology, Pathogenesis, Clinical Features and management of Peptic Ulcer Disease
Etiology, Pathogenesis, Clinical Features and management of Gastro Esophageal Reflux Disease
Types of Inflammatory Bowel Disease, Etiology, clinical Features and management of Crohn's Disease and Ulcerative Colitis
Etiology, Pathogenesis and Drug Induced Liver Diseases
Types, clinical features and management of Jaundice
Etiology, clinical features, complications and management of Cirrhosis
Etiology, Pathogenesis, Clinical Features and management of Diarrhea and constipation
<b>Topic Title: Haematological diseases</b>
Classification of Anemia, Etiology, pathogenesis, clinical features and management of different types of Anemia
Etiology, pathogenesis, clinical features and management of Deep Vein Thrombosis and Pulmonary Embolism
Different drug induced Blood Disorders with examples of drugs and management
<b>Topic Title: Bone and joint disorders:</b>
Etiology, Pathogenesis, Clinical Features and management of Osteo arthritis
Etiology, Pathogenesis, Clinical Features and management of Rheumatoid Arthritis
Etiology, Pathogenesis, Clinical Features and management of Osteoporosis
Etiology, Pathogenesis, Clinical Features and management of Gout
<b>Topic Title: Dermatological Disorders</b>
management of Psoriasis
Clinical features and management of Eczema and scabies
Clinical features and management of impetigo

Different drug induced skin disorders
Topic Title : Ophthalmology
Clinical features and management of Conjunctivitis
Clinical features and management of Glaucoma

### **Sample Questions**

Topic Title : Cardiovascular system
Briefly explain Etiology, Pathogenesis, Clinical Features and management of Hypertension
Explain Etiology, Pathogenesis, Clinical Features and management of CHF
Write Etiology, clinical Features and management of Acute Coronary Syndrome
Explain Etiology, Pathogenesis and management of Hyper lipidemia.
Write the Etiology, Pathogenesis and management of Cardiac Arrhythmias.
Topic Title : Respiratory and Endocrine System
Etiology, pathogenesis, clinical features and management of different types of Asthma.
Etiology, pathogenesis, clinical features and management of COPD
Different drug induced Pulmonary Diseases with examples of drugs and management
Etiology, pathogenesis, clinical features and management of Thyroid disease
Etiology, pathogenesis, clinical features and management of Diabetes Mellitus
Topic Title : Hematological system
Define and classify Anaemia
Explain the etiology, clinical features and management of Megaloblastic anemia.
Explain etiology, pathogenesis, clinical features and management of Deep Vein Thrombosis
Explain Drug Induced Blood Disorders
Topic Title : Bone and joint diseases
Write Etiology, Pathogenesis, Clinical Features and management of Osteo arthritis
Explain Etiology, Pathogenesis, Clinical Features and management of Rheumatoid Arthritis
Write Etiology, Pathogenesis, Clinical Features and management of Osteoporosis
Write Etiology, Pathogenesis, Clinical Features and management of Gout
Topic Title : Dermatological diseases
Explain management of Psoriasis
Write Clinical features and management of Eczema and scabies
Explain Clinical features and management of impetigo
Write Different drug induced skin disorders
Topic Title : Ophthalmology
Clinical features and management of Conjunctivitis
Clinical features and management of Glaucoma