



## TEACHING PLAN: PHARMACOTHERAPEUTICS

SCHOOL: (SOP) SCHOOL OF PHARMACY		ACADEMIC SESSION: 2023 – 2024		FOR STUDENTS': D.PHARMACY II	
1	<b>Course No.</b>	DP-II		<b>Name of faculty – Bharat Saini</b>	
2	<b>Course Title</b>	PHARMACOTHERAPEUTICS			
3	<b>Credits</b>	4			
4	<b>Learning Hours</b>	Contact Hours 75			
5	<b>Course Objective</b>	This course will discuss about 1. Etiopathogenesis of selected common diseases and evidence-based medicine therapy 2. Importance of individualized therapeutic plans based on diagnosis 3. Basic methods for assessing the clinical outcomes of drug therapy.			
6	<b>Course Outcomes</b>	Upon successful completion of this course, the students will be able to 1. Help assessing the subjective and objective parameters of patients in common disease conditions 2. Assist other healthcare providers to analyse drug related problems and provide therapeutic interventions 3. Participate in planning the rational medicine therapy for common diseases 4. Design and deliver discharge counselling for patients			
7	<b>Outline syllabus:</b>				
7.01	<b>Paper Code</b>	<b>Unit</b>	<b>Introduction</b>	<b>Page Numbers<sup>1</sup></b>	<b>Lectures</b>
7.02	ER20-11T Unit I	(a)	Pharmacotherapeutics – Introduction, scope, and objectives. Rational use of Medicines, Evidence Based Medicine, Essential Medicines List, Standard Treatment Guidelines (STGs)	1-9	8
7.03	ER20-11T Unit II	(a)	Definition, etiopathogenesis, clinical manifestations, nonpharmacological and pharmacological management of the diseases associated with (a) Cardiovascular System ? Hypertension ? Angina and Myocardial infarction ? Hyperlipidaemia ? Congestive Heart Failure	16-17	8
7.4		(c)	Respiratory System ? Asthma ? COPD		4
7.5		(d)	Endocrine System ? Diabetes ? Thyroid disorders - Hypo and Hyperthyroidism		5
7.6		(e)	Central Nervous System ? Epilepsy ? Parkinson's disease ? Alzheimer's disease ? Stroke ? Migraine		8
7.7		(f)	Haematological disorders ? Iron deficiency anaemia ? Megaloblastic anaemia		4

<b>7.8</b>		(g)	Gastro Intestinal Disorders <input type="checkbox"/> Gastro oesophageal reflux disease <input type="checkbox"/> Peptic Ulcer Disease <input type="checkbox"/> Alcoholic liver disease <input type="checkbox"/> Inflammatory Bowel Diseases (Crohn's Disease and Ulcerative Colitis)		8
<b>7.9</b>		(h)	Infectious diseases <input type="checkbox"/> Tuberculosis <input type="checkbox"/> Pneumonia <input type="checkbox"/> Urinary tract infections <input type="checkbox"/> Hepatitis <input type="checkbox"/> Gonorrhoea and Syphilis <input type="checkbox"/> Malaria <input type="checkbox"/> HIV and Opportunistic infections <input type="checkbox"/> Viral Infections (SARS, CoV2)		12
<b>8</b>		(I)	Musculoskeletal disorders <input type="checkbox"/> Rheumatoid arthritis <input type="checkbox"/> Osteoarthritis		3
<b>8.1</b>		(j)	Dermatology <input type="checkbox"/> Psoriasis <input type="checkbox"/> Scabies <input type="checkbox"/> Eczema		3
<b>8.2</b>		(k)	Psychiatric Disorders <input type="checkbox"/> Depression <input type="checkbox"/> Anxiety <input type="checkbox"/> Psychosis		4
<b>8.3</b>		(L)	Ophthalmology <input type="checkbox"/> Conjunctivitis (bacterial and viral) <input type="checkbox"/> Glaucoma		2
<b>8.4</b>		(m)	Anti-microbial Resistance		2
<b>8.5</b>		(n)	Women's Health <input type="checkbox"/> Polycystic Ovary Syndrome <input type="checkbox"/> Dysmenorrhea <input type="checkbox"/> Premenstrual Syndrome		4

<b>8.5</b>	<b>Course Evaluation</b>	
<b>8.6</b>	<b>Internal Assessment: Continuous Mode</b>	
<b>8.7</b>	<b>Attendance</b>	75 Marks
<b>9</b>	<b>Text Books &amp; References</b>	
<b>9.1</b>	<b>Text book</b>	R.K.Gandgi
<b>9.2</b>	<b>References</b>	1. Indian pharmacopoeia.