

THE ROYAL GONDWANA COLLEGE OF PHARMACY

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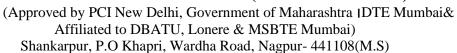
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B. Pharm & D. Pharm (DTE Code: 4680)	
oved by PCI New Delhi, Government of Maharashtra IDTE Mumbai& Affiliated to DBATU, Lonere & MSBTE Mumbai) ankarpur, P.O Khapri, Wardha Road, Nagpur- 441108(M.S)	AND TALL TO SELECT TO SELE

	COURSE OUTCOMES 2022-23 DIPLOMA IN PHARMACY				
SUBJECT CODE	D. PH.ARM I - FIRST YEAR				
20111	Pharmaceutics				
	CO1	Describe about the different dosage forms and their formulation aspects			
	CO2	Explain the advantages, disadvantages, and quality control tests of different dosage forms			
	CO3	Discuss the importance of quality assurance and good manufacturing practices			
	CO4	Basic quality control tests, concepts of quality assurance and good manufacturing practices			
	CO5	Packaging and labelling requirements of different dosage form			
20051	Pharma	aceutics			
	CO1	Calculate the working formula from the given master formula			
	CO2	Formulate the dosage form and dispense in an appropriate container			
	CO3	Design the label with the necessary product and patient information			
	CO4	Perform the basic quality control tests for the common dosage forms			
20112	Pharma	ceutical Chemistry			
	CO1	Describe the chemical class, structure and chemical name of the commonly used drugs and pharmaceuticals of both organic and inorganic nature			
	CO2	Discuss the pharmacological uses, dosage regimen, stability issues and storage conditions of all such chemical substances commonly used as drugs			
	CO3	Describe the quantitative and qualitative analysis, impurity testing of the chemical substances given in the official monographs			
	CO4	Identify the dosage form & the brand names of the drugs and pharmaceuticals popular in the marketplace			
20052	Pharma	nceutical Chemistry			
	CO1	Perform the limit tests for various inorganic elements and report			
	CO2	Prepare standard solutions using the principles of volumetric analysis			
	CO3	Test the purity of the selected inorganic and organic compounds against the monograph standards			
	CO4	Synthesize the selected chemical substances as per the standard synthetic scheme			
	CO5	Perform qualitative tests to systematically identify the unknown chemical substances			
20113	Pharma	acognosy			
	CO1	Comprehending the basic principles of botany relevant to pharmacognosy, including plant morphology, anatomy, taxonomy, and physiology.			
	CO2	Learning about medicinal plants, their identification, collection, and cultivation, along with understanding their historical and traditional uses.			
	CO3	Understanding the chemical composition of medicinal plants, including the isolation and identification of plant constituents such as alkaloids, glycosides, tannins, flavonoids, etc.			



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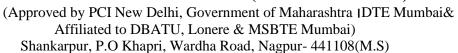


	CO4	Studying the preparation, characterization, and analysis of herbal
		drugs, extracts, and phytoconstituents, and understanding the
		various extraction techniques.
	COS	Understanding methods for quality control, standardization, and
		evaluation of herbal drugs and their formulations.
	CO6	Exploring the traditional knowledge and cultural practices related
		to the use of medicinal plants by different communities.
20053	Pharr	nacognosy
20033		Microscopic techniques to study plant cells, tissues, and structures
		relevant to pharmacognostic analysis.
		Analyzing different plant parts (leaves, roots, stems, etc.) for their
	CO2	specific pharmacognostic features and constituents.
	CO2	· · ·
	COS	Developing skills to identify crude drugs through organoleptic,
	CO4	microscopic, and physicochemical examinations.
		Analyze and interpret the internal anatomical features of medicinal
		plants through microscopy, facilitating accurate identification and
20114	77	assessment essential for pharmaceutical applications
20114		an Anatomy and Physiology
	CO1	Describe the various organ systems of the human body
	CO2	Discuss the anatomical features of the important human organs and
		tissues
	CO3	Explain the homeostatic mechanisms regulating the normal physiology in
		the human system
	CO4	Discuss the significance of various vital physiological parameters of the
20074		human body
20054		an Anatomy and Physiology
	CO1	Perform the haematological tests in human subjects and interpret the results
	CO2	Record, monitor and document the vital physiological parameters of
		human subjects and interpret the results
		Describe the anatomical features of the important human tissues under the
	-	microscopical conditions
	CO4	Discuss the significance of various anatomical and physiological
20115		characteristics of the human body
20115	_	l Pharmacy
	COI	Discuss about Scope, discipline, public and private health in social
		pharmacy.
		Explain about role of pharmacists in preventive healthcare.
	CO3	Elaborate the general role and responsibilities of pharmacists in
		public health.
	CO4	Describe various source of health hazards and diseases preventive
		measures.
	CO5	C 2,
		microorganism.



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20055	Social	Pharmacy
	CO1	Explain the role and responsibilities of pharmacists in various national health programs.
	CO2	Determine various health hazards including microbial sources.
	CO3	Compose promotional materials for public health awareness.
	CO4	Use first aid for various emergency conditions.
	CO5	Knowledge on preventive measures for various diseases.