

D. B. G. GOVT. COLLEGE, PANIPAT

Session 2025-2026 (EVEN SEMESTER)

NAME OF PROFESSOR: Mr. Arvind Kumar

DESIGNATION: Assistant Professor in Botany

SUBJECT/PAPER: (B23-VAC-408) - Basics of Medicinal Plants

CLASS- B.Sc. 2nd (4th sem)

SR. NO.	MONTH	TOPICS TO BE COVERED	REMARKS IF ANY
1.	1ST jan -15TH jan	Medicinal plants: history, importance and prospects. Medicinal Plants – past and present status in world and India.	
	16 jan – 31 Jan	Medicinal plants as industrial crops - constraints and remedial measures. Medicinal plant diversity & local healthcare.	
2.	1 Feb to 15 Feb	Traditional system of medicine in India, Concept and principles of Ayurveda, Siddha, Unani and Homeopathy.	Assignment 1+Test
	16 Feb -29 Feb	Methods of extraction of active compounds: polar and non-polar extraction; extraction of essential oils; Types of herbal remedies: maceration, infusion, decoction, tinctures, compress, bathing, pills, ointments.	

3.	1 Mar- 15 Mar	Important medicinal plants of India and their uses: <i>Dioscorea, Nardostachysjatamansi,</i>	Assignment 2+ Test
	16 Mar-31 Mar	Important medicinal plants of India and their uses: <i>Allium, Saussureaobvallata, Swertia chirata, Oscimum, Azadirachta, Rawolfia.</i>	
4.	1Apr- 15 Apr	Important medicinal plants of India and their uses: <i>Phyllanthus, Vinca rosea, Justicia adhatoda, Terminalia arjuna, T. chebula, Tamarindus indica, Aloe vera, Withania somnifera.</i>	
	16 Apr – 30 Apr	National Medicinal Plant Board and State Medicinal Plant Boards - objectives and functions.	
	01 May – 15 May	Other organizational initiatives for promotion of Medicinal plants at National and International levels.	
	16 May – 30 May	Herbal industries. Intellectual property rights (IPR).	

TWO ASSIGNMENTS AND ONE UNIT TEST WILL BE TAKEN AS PER SCHEDULE.

Signature of Assistant Professor