

Shambhunath Institute of Pharmacy

Jhalwa, Prayagraj

**(Approved by AICTE & PCI, New Delhi, NBA accredited and
Affiliated to AKTU Lucknow)**



Practical Plan
Session: 2025-26

Subject Name: Pharmacognosy & Phytochemistry-II
Subject Code: BP-508P

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Exp. No.	Experiments
1.	To study the morphological characteristics of Senna, Clove and Cinnamon bark
2.	To identify the morphological characters of given organised drug.
3.	To perform the isolation of starch from potato.
4.	To perform the isolation of Caffeine from tea leaves.
5.	To prepare Thin Layer Chromatography (TLC) plate.
6.	To identify the amino acid in a mixture by comparing the R_f value by Thin Layer Chromatography (TLC) technique.
7.	To perform the identification of sugar by using paper chromatography technique.
8.	To extract piperine from black pepper.
9.	To determine the swelling factor of isapgol seed.
10.	To extract pectin from fresh orange peels.
11.	To study about soxhlet apparatus.
12.	To separate and identify the curcumin present in turmeric by thin layer chromatography.
13.	To identification and chemical test of Benzoin.