

**BP 508 P. PHARMACOGNOSY AND PHYTOCHEMISTRY II (Practical)****Practicals Syllabus:****4 Hours / Week**

<b>S. No.</b>	<b>PRACTICALS</b>
1.	To study the morphology, histology, powder characteristics, extraction & detection of Cinchona.
2.	To study the morphology, histology, powder characteristics, extraction & detection of Cinnamon.
3.	To study the morphology, histology, powder characteristics, extraction & detection of Senna.
4.	To study the morphology, histology, powder characteristics, extraction & detection of Clove.
5.	To study the morphology, histology, powder characteristics, extraction & detection of Ephedra.
6.	To study the morphology, histology, powder characteristics, extraction & detection of Fennel.
7.	To study the morphology, histology, powder characteristics, extraction & detection of Coriander.
8.	To perform the exercise involving isolation & detection of active principles Caffeine from tea dust.
9.	To perform the exercise involving isolation & detection of active principles Diosgenin from Dioscorea.
10.	To perform the exercise involving isolation & detection of active principles Atropine from Belladonna.
11.	To perform the exercise involving isolation & detection of active principles Sennosides from Senna.
12.	To perform the separation of sugars by Paper chromatography.
13.	To study the TLC of herbal extract.
14.	To study the distillation of volatile oils and detection of phyto constituents by TLC.
15.	To study the analysis of Asafoetida crude drugs by chemical tests.
16.	To study the analysis of Benzoin crude drugs by chemical tests.
17.	To study the analysis of Colophony crude drugs by chemical tests.
18.	To study the analysis of Aloes crude drugs by chemical tests.
19.	To study the analysis of Myrrh crude drugs by chemical tests.

