

Subject Code: BP508P	Subject Title: PHARMACOGNOSY AND PHYTOCHEMISTRY II - PRACTICAL
Pre-requisite Subject	- NONE -

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)		
Lecture	Tutorial	Practical	Credit	Practical(P)		Total Marks
				University Assessment	Continuous Assessment	Practical
NA	NA	4	2	35	15	50

PHARMACOGNOSY AND PHYTOCHEMISTRY II (Practical) 4 hours/week

- Morphology, histology and powder characteristics & extraction & detection of: Cinchona, Cinnamon, Senna, Clove, Ephedra, Fennel and Coriander
- Exercise involving isolation & detection of active principles
 - Caffeine - from tea dust.
 - Diosgenin from Dioscorea
 - Atropine from Belladonna
 - Sennosides from Senna
- Separation of sugars by Paper chromatography
- TLC of herbal extract
- Distillation of volatile oils and detection of phytoconstituents by TLC
- Analysis of crude drugs by chemical tests: (i) Asafoetida (ii) Benzoin (iii) Colophony (iv) Aloes (v) Myrrh