

ADVANCED PHYTOCHEMICAL TECHNIQUES (20 DAYS)

- ❖ Introduction of herbal plants & medicinal compounds
- ❖ Selection of medicinal plant and find the method for extraction
- ❖ Extraction of medicinal compound from plant
 - Cold extraction
 - Soxhlet extraction
- ❖ Preliminary screening of Phyto chemical compounds
- ❖ Identification of compounds using TLC
- ❖ Estimation of Phytochemicals(4)
- ❖ Column purification of active medicinal compounds
- ❖ Characterization of medicinal compounds (Theory)
- ❖ Purity analysis of active compounds by HPLC
- ❖ Antimicrobial activity of compound from plant
- ❖ Antibiotic sensitivity assay
- ❖ Antioxidant activity (2)

