



<b>Pharmacognosy II</b>	
<b>Title:</b> Pharmacognosy II	
<b>Course number:</b> 362 PHG	
<b>Semester:</b> Sixth Semester (Third Year).	
<b>Duration:</b> 2 + 1 Units (4 contact hours) per week.	
<b>Aims:</b> To provide the student with general introduction to pharmacognosy and drugs from natural sources, plants or animals.	
<b>Objectives:</b> At the end of the course the student should know bioactive constituents and uses of medicinal plants.	
<b>Contents:</b>	
<b>Lectures:</b> The theoretical part of the course is concerned with the definition, classification, extraction, identification, estimation and detailed study of some examples belonging to different chemical groups of medicinal plants such as alkaloids, volatile oils, carbohydrates, glycosides, resins and chromatography.	
<b>Practical:</b> Identification and estimation of alkaloids, bitter principles, carbohydrates, volatile oils, glycosides and techniques of chromatography.	
<b>Minimum course requirements:</b> 30 (2 x 15) Unit lectures and 30 practical hours (2 x 15) per level.	
<b>Evaluation methods:</b>	
-Quizzes	10%
- Mid term examination	25%
- Practical examinations	25%



- Final examination (written) 40%

**Text Books (latest editions):**

1. Trease and Evans: Pharmacognosy, William Charles Evans, London: Sounders.
2. Pharmacognosy, Varro E. Tyler, Lynn R. Brady and James E. Robbers.

**Recommended books (latest editions):**

- 1- Textbook of Pharmacognosy, T.E. Wallis.
- 2- Pharmaceutical Botany, Heber W. Youngken.
- 3- Fundamentals of Pharmacognosy & Phytotherapy, Michael Heinrich, Churchill Livingstone.