Course Syllabus

Code - Course Title	**ECZ491 - Pharmacognosy and Phytopharmacy III**
Course Type	VII. SEMESTER
Laboratory + Practice	2+1
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. GÖKALP İŞCAN, DR. ÖĞR. ÜYESİ GÖZDE ÖZTÜRK

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Phytochemical (active) substances: Active Pharmaceutical Ingredients of Animal and Microorganism Origin	
Week - 2		Phytochemical (active) substances: Active Pharmaceutical Ingredients of Animal and Microorganism Origin	
Week - 3		Investigation of Cinchonae cortex Alkaloids with TLC Quinine Quantification in Cinchonae cortex by Spectroscopic Method	
Week - 4		Examination of Curcumae longae rhizoma using TTC Quantification of Disinnamoyl Methane Derivatives in Curcumae longae rhizoma by Spectroscopic Method	
Week - 5		Antibacterial Herbal Drugs.	
Week - 6		Antifungal Herbal Drugs, Antiviral Herbal Drugs.	
Week - 7		Antiprotozoal Herbal Drugs	
Week - 8		Herbal Drugs Used Against Ectoparasites, Anthelmintic Herbal Drugs	
Week - 9		Chemotherapeutic Drugs. Anticancer Herbal Drugs. Quality Control Practices for Some Herbal Drugs. Synthesis Practices of Some Pharmaceutical Compounds.	
Week - 10		Effective Herbal Drugs in Cancer Chemotherapy	
Week - 11		Effective Herbal Drugs in Cancer Chemotherapy	
Week - 12		Antitussive Herbal Drugs, Expectorant Herbal Drugs	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Mucolytic Herbal Drugs	
Week - 14		Bronchodilator and Antiasthmatic Herbal Drugs	

Learning Outcomes

#	Learning Outcome
1	Will be able to evaluate herbal drugs related to antibacterial activity.
2	Will be able to evaluate herbal drugs related to antiviral.
3	Will be able to evaluate herbal drugs related to antifungal.
4	Will be able to evaluate herbal drugs related to antiprotozoal.
5	Will be able to evaluate herbal drugs related to antihelmintic.
6	Will be able to evaluate herbal drugs used to against ectoparasites.
7	Will be able to evaluate herbal drugs related to in cancer chemotherapy.
8	Will be able to evaluate herbal drugs related to antitussif.
9	Will be able to evaluate herbal drugs with expectorant effects.
10	Will be able to evaluate herbal drugs with mucolytic effect.
11	Will be able to evaluate herbal drugs related to bronchodilator and antiasthmatic.
12	Will be able to evaluate a selected drug.
13	Will be able to evaluate a herbal medicine.
14	Will be able to evaluate the Pharmaceutical active compound of animal and microorganism origin.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.