

The Islamia University of Bahawalpur

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Tentative Course Plan

DEPARTMENT OF BOTANY

Class: BS Botany

Semester-8th (Botany)

Session: 2016-20

Instructor		Ghulam Sarwar	Email: lifesci.flora786@gmail.com	
Course Title		Economic Botany	Program	BS Botany
Course Number		BOTA- 01804	Credit Hours	3(2+1)
Session	Topic	Topic Title	Video Link	
1	1	Introduction to Economic Botany: history & application	https://youtu.be/j74OIWD1AJI	
2 & 3	2	Plants as source of food, feed and fiber.	1. https://youtu.be/7IMjpYEOZbU 2. https://youtu.be/ypg5uDGAmIw 3. https://youtu.be/mI7K8PY9kHw	
4 & 5	3	Plants as source of timber and vegetables.	1. https://youtu.be/OFpMfxr5wTE 2. https://youtu.be/mby8nc8oRoQ	
5 & 6	4	Plants as source of phytochemicals and medicine.	1. https://youtu.be/AYIE039NAH0	
7 & 8	5	Study of Cryptogams for their economic uses.	1. https://youtu.be/1YPukLOovb8 2. https://youtu.be/X9uuwrS7HG0 3. https://youtu.be/mFxfh6IQqrcw 4. https://youtu.be/SI3uy8ho1k0 5. https://youtu.be/laQgOKehN0Y	
9 & 10	1	Study of Phanerogams for their economic use.	1. what are phanerogams and classification 2. Economic importance of Gymnosperm 3. Economic importance of angiosperm	
11,12	2	Geographic distribution, taxonomy and nomenclature of plants according to the nature and type of their economic products	1. Geographical distribution of plants 2. plant as source of perfume 3. plant as a source of Resin	
13, 14		Geographic distribution, taxonomy and nomenclature of plants according to the nature and type of their economic products	4. BioGeography map 5. plant as a source of spices fiber yielding plants	
15,16		Geographic distribution, taxonomy and nomenclature of plants according to the nature and type of their economic products	6. Timber 7. plant as a source of oil	
17,18	1.	Cultural approaches to the improvement of economic plants for better yield of economic products	https://youtu.be/8rb_exM0kgY https://youtu.be/JtkhHIG3nx4	
19,20	2.	Physiological approaches to the improvement of economic plants for better yield of economic products.	https://youtu.be/8ATRfaiaOLg https://youtu.be/8azbkNei3KU	
21,22	3.	Molecular approaches to the improvement of economic plants for better yield of economic products.	https://youtu.be/pM6QW90HsnU https://youtu.be/DDZtr6wRldU	
23,24.	4.	Strategies for the domestication and preservation of economic plants.	https://youtu.be/VDxhcpspFqUh https://youtu.be/CJdiDVm-EJ0	
25& 26	1	Strategies for domestication and preservation of economic plants	https://youtu.be/GtbPnLsi2VM https://youtu.be/6YyWcJfLBMw	
27 &28	2	Environmental and eco-physiological Consideration of economic plants.	https://youtu.be/oKkfAW6TWg4 https://youtu.be/axlEL4C4kN4 https://youtu.be/Gllan7rB9E0	
29	3	Human and veterinary medicinal plants	https://youtu.be/Kt0Lgy17I78	
30&31	4	Plant toxins and Their application	https://youtu.be/dBcS_-WrTIE	

Instructions for students from competent Authority :

Student's Responsibilities

- Student shall be responsible for accessing the material distributed through the Course Material Bundle for each of his / her courses and saving the material for offline use.
- Student shall be responsible to join online classroom sessions made available through official University servers.
- Student shall be responsible to participate actively in all activities assigned through the Learning Management System and to explore all links to further information disseminated through the Learning Management System.
- Student shall be responsible to prepare for exams and tests, both online and paper based, according to the content distributed through Course Material Bundle and LMS.

23/03/2021
Deputy Registrar (Acad)
The Islamia University
Bahawalpur