



UNIVERSITY OF JAMMU

(NAAC ACCREDITED 'A' GRADE' UNIVERSITY)
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

Academic Section

Email: academicsectionju14@gmail.com

NOTIFICATION

(23/May/Adp./39)

In Continuation to this office notification No. F.Acd./II/22/5382-5425 dated:18.09.2022, it is hereby notified for the information of all concerned that the Vice-Chancellor, in anticipation of the approval of the Competent Authority, is pleased to authorize the Changes in the **Scheme of Examinations** in the Syllabi and Courses of Studies of subject of **Botany** of Semester **Ist and IInd** for **Four Year Under Graduate Programme (FYUGP)** under the **Choice Based Credit System** as per **NEP-2020 (as given in the annexure)** for the examinations to be held in the years as per the details given below:

Subject	Semester	Course Code	For the examinations to be held in the year
Botany	Semester-I	USEBOT-104 (Skill Enhancement Course)	December 2022, 2023 and 2024
	Semester-II	USEBOT-104 (Skill Enhancement Course)	May 2023, 2024 and 2025

The Syllabi of the courses is available on the University website: www.jammuuniversity.in

Sd/-

DEAN ACADEMIC AFFAIRS

No. F. Acd/II/23/3530-3540

Dated: 23-5-2023

Copy for information and necessary action to:

1. Dean, Faculty of Science
2. Convener, Board of Studies in Botany
3. Sr. P.A.to the Controller of Examinations
4. All members of the Board of Studies
5. Confidential Assistant to the Controller of Examinations
6. I/C Director, Computer Centre, University of Jammu
7. Deputy Registrar/Asst. Registrar (Conf. /Exams. UG/Eval Non-Prof)
8. Incharge, University Website for Uploading of the notification.

Sumilasharma
Deputy Registrar (Academic) 25/5
25/5/23 24/5 24/5/23

UNIVERSITY OF JAMMU
Syllabus for FYUG Program in
BOTANY (under CBCS as per NEP-2020)
UG SEMESTER-I

(For the examinations to be held in the years December 2022, 2023, 2024)

NURSERY AND GARDENING
(SKILL ENHANCEMENT COURSE)

Course No. USEBOT104

Max. Marks: 50

	Credits	Contact Hours	Units	Examination			
				Duration (hours)		Weightage (Marks)	
				Mid semester	End semester	Mid semester	End semester
Theory & Practical	02	30	I to III	01	2½	10	40

Objectives:

The course aims to make students understand the theoretical and practical details of nursery and gardening. Knowledge so gained will provide them with the means for their self-employment and also of others.

Learning outcomes:

The students will be able to distinguish and choose the plant species amenable for nursery and gardening. They can develop their own nursery for livelihood and marketing purposes. The course will also equip the students with the basic skill needed to design and lay gardens.

Unit-I: Introduction to Nursery and Gardening

- 1.1 Definition and types of nurseries; physical resources for nurseries.
- 1.2 Selection of nursery site, ecological conditions, important nursery operations.
- 1.3 Definition and components of gardens, types of gardening (landscape and home gardening).
- 1.4 Scope and objective of gardening; garden landscaping with specific reference to Kew Botanical garden, AJC Bose Indian Botanic Garden, Kolkata and Lal Bagh Botanical Garden, Bangalore.

Unit-II: Plant Propagation Methods

- 2.1 Seed dormancy – causes and methods of breaking it; seed germination, types and factors affecting it.
- 2.2 Vegetative propagation, artificial and natural methods; Concept of soilless cultivation with special reference to aeroponics and hydroponics.

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