



Esttd. 1962
NAAC 'A' Grade

SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- www.unishivaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094

शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९०००० (अभ्यास मंडळे विभाग— २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

SU/BOS/Science/

No 00043

Date: 03 JUL 2021

To,

The Principal,
All Affiliated Concerned Science Colleges/Institutions
Shivaji University, Kolhapur.

Subject: Regarding replace syllabi of **M. Sc. Botany Part. II Sem IV Generic Elective Course CBCS** degree programme under the Faculty of Science and Technology

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the replace syllabi of

M. Sc. Botany Part. II Sem IV Generic Elective Course under the Faculty of Science and Technology.

Old Papar	Replaced New Papar
Botany and Human welfare	Horticulture and Green house Technology

This Course syllabi shall be implemented from the Second term of Academic Year 2020-2021 onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (students Online Syllabus)

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,


Dy Registrar

Copy to:

1	The Dean, Faculty of Science & Technology	7	Appointment Section
2	Director, Board of Examinations and Evaluation	8	P.G.Seminar Section
3	The Chairman, Respective Board of Studies	9	Computer Centre
4	B.Sc. Exam	10	Affiliation Section (U.G.)
5	Eligibility Section	11	Affiliation Section (P.G.)
6	O.E. I Section	12	P.G.Admission Section

DEPARTMENT OF BOTANY
(CHOICE BASED CREDIT SYSTEM) SEM IV
Generic Elective Course Botany (GE-407)
Horticulture and Green house technology.

Total Lectures: 30

Unit-I: Green house Technology

(15)

- 1) Glass house, polyhouse, shade house, mist chambers and growth chambers (5)
- 2) Construction, operation, maintenance and management of greenhouse (5)
- 3) Greenhouse environment: watering, fertigation and pest control (5)

Unit-II: Horticulture and Gardening

(15)

- 1) Methods of propagation: Propagation through Seeds, vegetative and micro propagation (3)
- 2) Avenue trees, Climbers and lianas, Edge and hedge plants, Foliage and flowering plants, Bulbous plants, Cycads and palms, Orchids and aquatic plants (5)
- 3) Types of gardens, Landscape gardening, Indoor gardening and Kitchen gardening (5)
- 4) Wild plants from Western Ghats having ornamental potential (2)

References:

Gopaldaswamiyengar, K. S., Parthasarathy R. G. and P. Mukadam. 1991. Complete Gardening of India. G. Parthocrruthy, Bangalore

Rangaswami, G, Mahadevan A. 2010: Diseases of crop plants in India. Singh, R. S. 2009: Plant Diseases, 9th Edition.

Handbook of Agriculture. ICAR ,New Delhi.1969.

Nelson, P.V.1973.Greenhouse operation and management. Reston Publishing Co.Inc