

Date: 14-11-2022.

From
Prof. T. Vijaya
Chairman, Board of Studies
Department of Botany
V.S.University,
Nellore - 524324

To
The Registrar
Vikrama Simhapuri University
KAKUTURU
NELLORE - 524 320.


Sir,

Sub: Submission of revised syllabus, model papers, Course Structure, Program Objectives and Programme Outcomes for I, II, III & IV Semesters of M.Sc., Botany (CBCS) along with the minutes of approval of BoS members - Reg.
Ref: Your letter No. VSU/CDS/ Academic PG-BOS Botany/Meeting/2022-2023, dated 31-10-2022.

With the reference cited, the BOS meeting held on 14/11/2022 at Department of Botany at 10.00 AM in Vikrama Simhapuri University College, Kavali. Appropriate modifications are incorporated in the prescribed syllabus and the model question papers have been discussed thoroughly.

I am herewith submitting the resolution of the BOS meeting along with the copy of syllabus for M.Sc. Programme in Botany effective from the academic year 2022-23 as per the NEP guidelines.

Thanking you,

Yours sincerely

14/11/22
(Prof. T. VIJAYA)

VIKRAMA SIMHAPURI UNIVERSITY COLLEGE, KAVALI

DEPARTMENT OF BOTANY

Agenda for M.Sc. Botany BOS Meeting held on 14.11.2022

- Syllabus preparation and program structure as per NEP-2020 for the academic year 2022-23 onwards.
- As per the UGC mail dated: 17.10.2022, Course on Cyber Security is Mandatory for all programmes from 2022-23 during first semester in place of Human Values & Professional. Syllabus from UGC is enclosed.
- Program regulations - Eligibility criteria for admission in to PG program, Maximum credits for each program, minimum credits to qualify the program, pass marks for each course, external, internal marks, practicals/Projects/Internships.
- Model question papers and scheme of examinations.

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VIKRAMA SIMHAPURI UNIVERSITY
KAKUTURU, NELLORE-524324

M.Sc. BOTANY Syllabus
(CHOICE BASED CREDIT SYSTEM)
With effect from the Academic Year -2022-2023
Based on
National Education Policy (NEP) - 2020
Programme Code: BOT

SEMESTER - I

Core - Theory	BOT-101	Microbiology, Mycology and Plant Pathology
Core - Theory	BOT-102	Phycology, Bryology and Pteridology
Compulsory Foundation	BOT-103	Genetics and Plant Breeding
Elective Foundation	BOT-104	Taxonomy of Angiosperms
Practical - I	BOT-105 PI	Theory Papers BOT 101 & 102
Practical - II	BOT-106 PII	Theory Papers BOT 103 & 104
Audit Course (Self-Study)	BOT-107	Cyber Security

SEMESTER - II

Core - Theory	BOT-201	Tools and Techniques in Plant Biology
Core - Theory	BOT-202	Diversity and Evolution of Gymnosperms
Compulsory Foundation	BOT-203	Plant Anatomy and Embryology
Elective Foundation	BOT-204	Plant Physiology and Biochemistry
Practical - I	BOT-205 PI	Theory Papers BOT 201 & 202
Practical - II	BOT-206 PII	Theory Papers BOT 203 & 204
Audit Course (Self-Study)	BOT-207	Personality Enhancement and Leadership

SEMESTER - III

Core - Theory	BOT-301	Molecular Biology of Plants
Core - Theory	BOT-302	Plant Ecology
Generic Elective	BOT-303	A) Ethnobotany
		B) Biodiversity and Conservation
Core & Generic Practical	BOT-304 P	Plant Anatomy and Embryology, Plant Ecology & Generic Elective
Skilled Oriented Course	BOT-305	Mushroom Cultivation Theory & Practical
Open Elective	BOT-306 (A)	Marine Plant Resources
	BOT-306 (B)	Economic Botany

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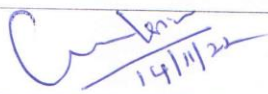
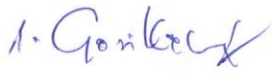
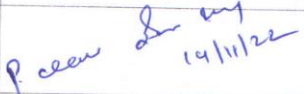

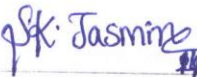
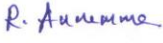
SEMESTER - IV

Core - Theory	BOT-401	Plant Cell and Tissue Culture
Core - Theory	BOT-402	Genetic Engineering of Plants
Generic Elective	BOT-403	A) Applied Plant Physiology
		B) Phytomedicine
Core & Generic Practical	BOT - 404 P	Practicals
Project work	BOT-404	Dissertation, Presentation & Viva
Open Elective	BOT-405	A) Organic Farming
		B) Gardening and Nursery Techniques

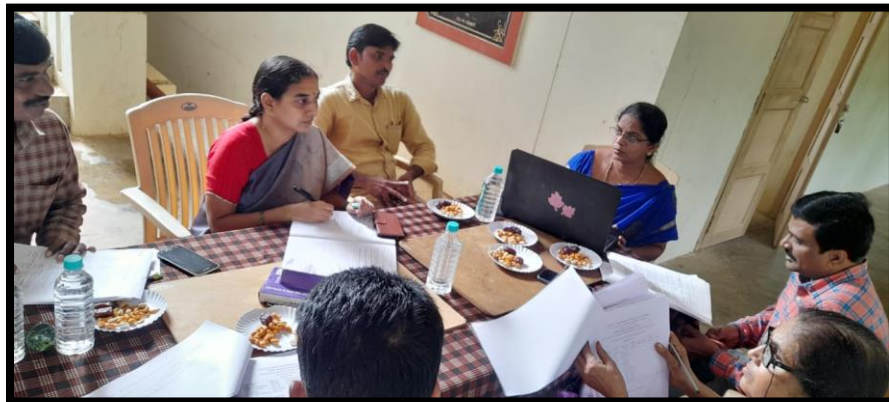
Minutes of the BOS meeting held on 14/11/2022 at Department of Botany at 10.00 AM in Vikrama Simhapuri University College, Kavali.

It is resolved to approved the above structure and syllabus for four semesters of M.Sc. Botany fulltime programme with effect from 2022-2023 as per the NEP guidelines.

The following members were present in the meeting:

S. No.	Name	Designation	Signature
1	Prof. T. Vijaya Department of Botany, SV University, Tirupati	Chairperson	 14/11/22
2	Head Department of Botany, Vikrama Simhapuri University College, Kavali	Ex-officio Member	
3	Prof. R. Bharath Kumar Department of Botany, Rayalaseema University, Kurnool	External Member	
4	Dr. P. Chandra Obula Reddy Department of Botany, Yogi Vemana University, Kadapa	External Member	 14/11/22
5	Dr. A. Madhusudhana Reddy Department of Botany, Yogi Vemana University, Kadapa	External Member	 14/11/2022
6	Mr. S. Ravi Shankar District Forest Officer, Social Forestry, Nellore	Special Invitee	
7	Sk. Jasmine Department of Botany, VSU	Meritorious Student	 14/11/22
8	R. Annamma Department of Botany, VSU	Meritorious Student	


14/11/22



**MEETING OF BOS CHAIRMAN AND MEMBERS FOR M.Sc.
BOTANY SYLLABUS AND COURSE STRUCTURE**