



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Agriculture, Indore

Vocational

SEMESTER-VIII

EVALUATION SCHEME

S. No.	Course Code	Course Name	Theory			Practical		Credit		Total Marks	
			End Sem University Exam	Mid Term Exam	Teachers Assessment*	End Sem University Exam	Teachers Assessment*	Theory	Practical I		Sub total
1	VOAGS01	Bioagent Production Technology	00	00	00	60	40	0	4	4	100
Abbreviation			Total		Total		Total		Total		

[Signature]

(Prof. Vinod Dhar)
 Chairperson
 Board of Studies
 SVIAG, SVVV, Indore (M.P.)

[Signature]

(Dr. K. N. Guruprasad)
 Dean
 Faculty of Agriculture
 SVVV, Indore (M.P.)

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(Dr. Shishir Jain)
 Controller of Examination
 SVVV, Indore (M.P.)

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(Dr. Arvind Singh)
 Registrar
 SVVV, Indore (M.P.)

[Signature]
 21.1.2025

(Prof. (Dr.) Upinder Dhar)
 Vice Chancellor
 SVVV, Indore (M.P.)



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Agriculture
Vocational course
VIII semester

Course Code	Course Name	TEACHING & EVALUATION SCHEME							
		Theory			Practical		Credits		
		END SEM University Exam	Mid term exam	Teachers Assessment	END SEM University Exam	Teachers Assessment	L	P	Total
VOAG801	Bioagent Production Technology	00	00	00	60	40	0	4	4

1. **Legends:** L - Lecture; P – Practical

2. *Teacher Assessment shall be based on following components: Quiz / Assignment / Project / Participation in Class.

Objective:

Basic knowledge of bioagent production technology for sustainable plant disease and pest management

Course Outcomes

1. Student will learn about different Bioagents used in plant disease and pest management
2. Student will learn about production technology of bioagents

Practical

Unit I

Concept of Bioagents and bio-pesticides. Importance, scope and potential of bioagents.
Isolation, purification of Trichoderma Pseudomonas and Bacillus

Unit II

Mass multiplication of Trichoderma, Pseudomonas and Bacillus

Unit III

Identification of Entomopathogenic entities in field condition. Isolation and purification of Entomopathogenic Fungi.

Unit IV

Mass multiplication of Entomopathogenic Fungi.

Unit V

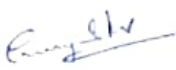
Quality control of bioagents Methods of application. Storage, shelf life and marketing. Factors influencing the efficacy of bioagents.

Suggested Readings

- Biofertilizers and Biocontrol Agents for Organic Farming, Dr. Reeta Khosla
- Biofertilizers and Biopesticides, by Krishnendu Acharya (Author), Surjit Sen (Author), Manjula Rai (Author)
- Biofertilizers and Biopesticides (English, Hardcover, Channa Basava A., H. C. Lakshman)
- Biofertilizers and Biopesticides, Dr. Shalini Suri



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