



**Shri Vaishnav Vidyapeeth Vishwavidyalaya  
Shri Vaishnav Institute of Agriculture, Indore**

**Session 2024-25**

**Under-Graduate (Vocation course)**

**SEMESTER-II**

**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		Sub total
1	VOAG201	Mushroom Cultivation and Spawn Production Technology	00	00	00	60	40	00	04	04	100
			Total						04	04	100

(Prof. Vinod Dhar) *Vinod Dhar*  
 Chairperson  
 Board of Studies  
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 Vishwavidyalaya, Indore (M.P.)

(Dr. K. N. Guruprasad) *K.N. Guruprasad*  
 Dean  
 Faculty of Agriculture  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore (M.P.)

(Dr. Shishir Jain) *Shishir Jain*  
 Controller of Examination  
 Shri Vaishnav Vidyapeeth  
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(Dr. Arvind Singh) *Arvind Singh*  
 Registrar  
 Shri Vaishnav Vidyapeeth  
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(Prof. (Dr.) Upinder Dhar) *Upinder Dhar*  
 Vice Chancellor  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore (M.P.)

*21.1.2025*  
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*Dee*



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Agriculture

Vocational ~~Generic~~ Elective Course, VI 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
VOAG201	Mushroom Cultivation and Spawn 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.

#### Aim of the course

- To learn the methods of producing high-quality mushroom spawn.
- To study the specific growing conditions, substrate requirements, and cultivation techniques for different types of edible mushrooms.

#### Practical

- To get Familiar with general plant pathological laboratory glassware and equipment's
- Preparation of culture media
- Isolation of mushroom fungi
- Mother spawn Production
- Commercial/master spawn Production
- Cultivation of white oyster mushroom
- Cultivation of king oyster mushroom
- Cultivation of Button Mushroom
- Cultivation of Milk Mushroom

#### References

1. Pandey, R.K. and Ghosh, S.K. (1996). A handbook of Mushroom Cultivation. Emkey Publication.
2. Pathak, V.N. and Yadav, N. (1998). Mushroom Production and Processing Technology. Agrobios, Jodhpur.
3. Nita, B. (2000). Handbook of Mushrooms. Vol 1 & 2. Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.
4. Tewari, P. and Kapoor S.C. (1998). Mushroom Cultivation, Mittal Publication, New Delhi.



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**Generic Elective Course, VI semester**

5. Tripathi, D.P. (2005). Mushroom Cultivation, , Oxford & IBH Publishing Co. Pvt.Ltd., New Delhi.

6. Pathak Yadav Gour, (2010) Mushroom production and processing technology (2010), Agrobios (India)

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