

Programme/Class: Master of Science		Year: I	Paper: Minor										
Subject: BOTANY													
Course Code: MOSB-M		Course Title: Mushroom Cultivation											
Course outcomes:													
After the completion of the course the students will be able:													
<ul style="list-style-type: none"> To develop knowledge base regarding Mushrooms. To develop skill for commercial mushroom cultivation and management. 													
Credits: 4	Core Elective												
Max. Marks: 25+75	Min. Passing Marks: ---												
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P:													
Unit	Topics	No. of Lectures											
I.	• A general account of Mushroom.	15											
II.	• Differentiation of Edible and Non-edible Mushrooms.	15											
III.	• Spawn preparation technique.	15											
IV.	• Mushroom cultivation management.	15											
Suggested Readings:													
<ul style="list-style-type: none"> Lynch, T. Mushroom Cultivation: An Illustrated Guide to Growing Your Own Mushrooms at Home. Quarry Books. 2018. Press, B. Mushroom Cultivation: A Practical Guide to Growing Mushrooms at Home. Kindle Edition. 2021. Rana, RS and Slathia, I. Mushroom Cultivation and its Diseases. Sankalp Publication. 2020. Russell, S. The Essential Guide to Cultivating Mushrooms. Storey Publishing LLC 2014. 													
This course can be opted as an elective by the students of following subjects: Open for students other than Science.													
Suggested Continuous Evaluation Methods: Continuous Internal Evaluation shall be based on allotted Assignment and Class Tests. The marks shall be as follows:													
<table border="1"> <thead> <tr> <th>Internal Assessment</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Class Interaction</td> <td>6</td> </tr> <tr> <td>Field works</td> <td>7</td> </tr> <tr> <td>Mid-term Exam (Class Test)</td> <td>12</td> </tr> <tr> <td>Total</td> <td>25</td> </tr> </tbody> </table>		Internal Assessment	Marks	Class Interaction	6	Field works	7	Mid-term Exam (Class Test)	12	Total	25		
Internal Assessment	Marks												
Class Interaction	6												
Field works	7												
Mid-term Exam (Class Test)	12												
Total	25												
Course prerequisites: To study this course, a student must have had the UG degree in subjects other than Science.													
Suggested equivalent online courses:													
https://ihr.res.in/online-training-mushroom-spawn-production-and-mushroom-cultivation-%E2%80%98-duration-6-days https://www.classcentral.com/course/swayam-vocational-mushroom-production-23137 https://alison.com/courses/introduction-to-mushroom-farming/content https://gbpuatdigital.in/course/mushroom-cultivation													
Further Suggestions: Students should have elementary idea of useful Fungi particularly Mushrooms.													

000371

[Handwritten signature]

[Handwritten signatures]