



DINABANDHU ANDREWS COLLEGE



CERTIFICATE COURSE ON MUSHROOM CULTIVATION TRAINING PROGRAMME

Offered by Department of Botany

Dinabandhu Andrews College

Garia, Kolkata- 84

Rupa Chakraborty

DINABANDHU ANDREWS COLLEGE
54, RAJA SC MULLICK ROAD, BAISHNABGHATA,
KOLKATA-700084

DEPARTMENT OF BOTANY

COURSE TITLE: MUSHROOM CULTIVATION TRAINING PROGRAMME

COURSE DURATION: One week (6 days)

TARGET GROUP: College Students (beginners with little or no experience in mushroom cultivation).

COURSE: Mushroom Cultivation Training.

CANDIDATE COURSE FEES: Free

TEACHING METHOD: Offline

Blended learning approach:

1. Instructor-led classroom sessions for theoretical concepts.
2. Hands-on practical exercises to reinforce learning.
3. Discussion forums for interaction and problem-solving

MARKS: 100

Assessment will be based on a combination of:

1. Regular participation (30%).
2. Practical skills (20%).
3. Regular Quizzes (10%).
4. Submission of a final project on designing a small-scale mushroom cultivation plan (40%).

LEVEL OF KNOWLEDGE: Beginner to intermediate level.

DESCRIPTION:

This course is designed to provide a comprehensive understanding of mushroom cultivation, covering the entire process from basic concepts to business and marketing aspects. Participants will gain practical skills and knowledge needed to successfully cultivate mushrooms for personal consumption or for commercial purposes.

OBJECTIVE:

1. To equip participants with the skills and knowledge needed to start their mushroom cultivation projects.

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2. To promote sustainable and efficient mushroom farming practices.

LEARNING OUTCOME:

By the end of the course, participants should be able to:

1. Understand different mushroom varieties and their cultivation requirements.
2. Experience a hands-on training on substrate preparation, inoculation and maintenance.
3. Familiar with environmental factors affecting mushroom growth.
4. Apply knowledge of pest and disease management in mushroom cultivation.
5. Plan and execute a small-scale mushroom cultivation project.

MEDIUM OF INTERACTION: ENGLISH & BENGALI

1. Bilingual instruction (local language and English) with training materials provided in both languages.
2. Interactive sessions, group activities, and Q&A sessions to enhance understanding.

ELIGIBILITY:

1. No specific educational background is required.
2. No prior experience is required, open to all interested individuals.

TECHNICAL REQUIREMENTS:

1. Participants must carry pen/copies/sheets of paper during course hours.
2. Participants should have access to a smartphone / personal computer/laptop with internet connectivity for submission of assignments (project plan).

COURSE PLANNING:

Day 1 : Introduction to Mushroom Cultivation and Varieties.

Day 2-3: Substrate Preparation and Inoculation Techniques.

Day 4 : Environmental Factors and Growing Conditions.

Day 5 : Pest and Disease Management.

Day 6 : Harvesting, Post-Harvest Handling and Project Planning.

CERTIFICATION:

Upon successful completion of the course, participants will receive a certificate of completion, validating their skills and knowledge in mushroom cultivation.

FOLLOW-UP SUPPORT:

Participants will have access to post-workshop support, including online forums, Q&A sessions, and additional resources.

VENUE:

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A suitable location with a mix of classrooms and practical training areas.

RESOURCE PERSONS:

Experienced mushroom cultivation experts, researchers, and practitioners.

REGISTRATION PROCESS:

Online registration through a dedicated portal with payment options.

Note: This course is designed to empower participants with the skills and knowledge required for successful mushroom cultivation, fostering sustainable agricultural practices and economic opportunities.

LEARNING RESOURCES

SL. No.	TITLE OF THE BOOK	AUTHOR(S)	PUBLISHER
1	Mushroom Cultivation Technology	Acharya, K., Roy, A. & Sarkar, J.	Techno World, Kolkata
2	Mushroom Cultivation	Tewari, P. & Kapoor, S.C.	Mittal Publications, Delhi
3	Handbook of Mushrooms, Ed. II, Vol I & Vol II	Bahl, N.	Oxford and IBH Publishing Company Pvt. Ltd., Kolkata

EVALUATION POLICY FOR THE ADD-ON COURSE

The basic philosophy behind the Evaluation policy for this 30 Hours Add-on course is to objectively judge the participants (students) whether the concepts were understandable to them or not and whether they could apply these concepts to solve numerical and conceptual problems. The Evaluation would be done through 2 components –

i) C1 Course-end Assessments (Written Test) [Total Marks: 30]

ii) C2 Practical /LAB [Total Marks: 20]

Total Marks of the Evaluation process would be – 50 Marks

TABLE FOR QUALIFICATION

TOTAL SCORE (OUT OF 50)	GRADE
45 – 50	O – OUTSTANDING
40 – 44	E – EXCELLENT
35 – 39	A – VERY GOOD
30 – 34	B – GOOD
25 – 29	C – FAIR
BELOW 25	F – FAILED

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GENERAL RULES AND REGULATIONS

1. Students must attend and appear for all the Module-End Assessments. If any student fails to submit any of the Module-End Assignments or fails to attend any of the Module End Assessment examinations, the particular Student would NOT BE ELIGIBLE FOR CERTIFICATE.
2. Students must attend and appear for the Course-End Assessment Examination. If any student fails to submit the Course-End Assessment or fails to attend the Course-End Assessment Examination, the particular Student would NOT BE ELIGIBLE FOR CERTIFICATE.
3. Students must attend and appear for the Course-End Viva. If any student fails to attend the Course-End Viva, the particular Student would NOT BE ELIGIBLE FOR CERTIFICATE.
4. Total Marks of Course Evaluation will be 50 Marks.
5. Minimum 50% Marks has to be scored to receive any Certificate. There will be only ONE Attempt allowed for each of the Module-End Assessments and the Course-End Assessment.
6. There will be NO PROVISION for Backlog Clearance.
7. General Rules and Regulations of the College must be followed without any exception.
8. **A minimum of 75% attendance is required to receive the certificate of the course.**

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