

REPORT

SUMMER APPRENTICESHIP COURSE ON "HANDS-ON TRAINING ON MUSHROOM CULTIVATION"

Organized by
Department of Botany, A. B. N. Seal College, Cooch Behar, West Bengal 736 101

Report: The Summer apprenticeship course on Hands on training on Mushroom cultivation was organized by the Department of Botany, A.B.N. Seal College, Cooch Behar from May, 14, 2023 to June, 11, 2023. The objectives of this course were enable the students to identify edible and poisonous mushrooms; provide hands-on training for the preparation of bed for mushroom cultivation and spawn production; give the students exposure to the experiences of experts and functioning mushroom farms; help the students to learn a means of self employment and income generation. Total duration of this course was 32+ hours (5 credits). This course was designed for 10 participants. Students from different departments of our college were actively participated in this course.

Theoretical classes were conducted on the topics of history and scope of Mushroom cultivation, different types of edible mushrooms, culture media preparation, different techniques of Mushroom cultivation, spawn production, Nutritional and medicinal values of mushrooms, Storage of Mushrooms and types of foods prepared from mushroom.

In addition to theory classes hands on trainings were given to students on mushroom cultivation techniques like preparation and sterilization of substrate, preparation of PDA medium, mother culture and spawn production, preparation of mushroom beds using poly bag method and effective harvesting of sporocarps. Students visited the Mushroom Production and Processing Unit of Plant Pathology Department of Uttar Banga Krishi Vishwavidyalaya, Pundibari.

Assessment of students was carried out on the basis of internal evaluations which include attendance, assignments, viva, MCQ test and practical skill during training. 10 students were successfully completed the course. Each student was given a certificate on successful completion of this course.

Conclusion: Mushroom cultivation can help to reduce vulnerability to poverty and strengthens livelihoods through the generation of a fast yielding and nutritious source of food and a reliable source of income. As it does not require access to land, the cultivation is viable and attractive. Mushroom cultivation is not only a source for nutritious protein-rich food; it can also contribute to the production of effective medicinal products. It is an eco-friendly agricultural practice in the efficient utilization of agricultural and industrial waste. It can also play a significant role in generating self employment opportunity.



**DEPARTMENT OF BOTANY
ACHARYA B. N. SEAL COLLEGE
COOCH BEHAR, WEST BENGAL 736 101, INDIA**

Organizes

**SUMMER APPRENTICESHIP COURSE
ON**

**“HANDS-ON TRAINING ON
MUSHROOM CULTIVATION”**

(May, 14 to June, 11, 2023)

Target participants: UG 6th Semester Students (Except students of Botany Department)

Number of Seats: 10 (First Come First Served)

Registration: On Spot

Registration Fee: Nil

Venue: Department of Botany, A. B. N. Seal College

Note: No TA/DA will be provided for participating in the course

Patron:

Dr. Nilay Ray, Principal, A. B. N. Seal College

Advisors:

Dr. Arijit Chakraborty, Coordinator, IQAC, ABNSC

Sri Chandra Sekhar Pandit, Secretary, Teachers' Council, ABNSC

Course Coordinator:

Sri. Ajoy Das, Assistant Professor of Botany, ABNSC



LIST OF PARTICIPANTS

**SUMMER APPRENTICESHIP COURSE ON: HANDS-ON TRAINING ON
MUSHROOM CULTIVATION**
(Academic Year: 2022-2023)
ORGANIZED BY: Department of Botany, Acharya B. N. Seal College, Cooch Behar,
West Bengal 736 101, India

List of Participants

Sl. No.	Name	Department / Course	Semester	College Roll No.	Contact No.	Signature
1	Jaba Biswas	Physiology (Hons.)	6th	20BSCH-PHYGH-F-039	8942912339	Jaba Biswas
2	Ashaf Alamin Hoque	Physiology (Hons.)	6th	20BSCH-PHYGH-M-034	8918353323	Ashaf Alamin Hoque
3	Ahana Datta	Physiology (Hons.)	6th	20BSCH-PHYGH-M-021	9002919639	Ahana Datta
4	Gourav Roy	Physiology (Hons.)	6th	20BSCH-PHYGH-M-016	9782760856	Gourav Roy
5	Debarati Bhattacharya	Physiology (Hons.)	6th	20BSCH-PHYGH-F-042	8967424988	Debarati Bhattacharya
6	Mamoni Karjee	Physiology (Hons.)	6th	20BSCH-PHYGH-F-044	8158827022	Mamoni Karjee
7	Sudip Dutta	Physiology (Hons.)	6th	20BSCH-PHYGH-M-001	7076229785	Sudip Dutta
8	Shankha Das	Zoology (Hons.)	6th	20BSCH-ZOOL-M-054	7384400520	Shankha Das
9	Shyam Sundar Mandal	Zoology (Hons.)	6th	20BSCH-ZOOL-M-0501	8972114117	Shyam Sundar Mandal
10	Abhijit Barman	Zoology (Hons.)	6th	20BSCH-ZOOL-M-047	7602470811	Abhijit Barman

PHOTO GALLERY

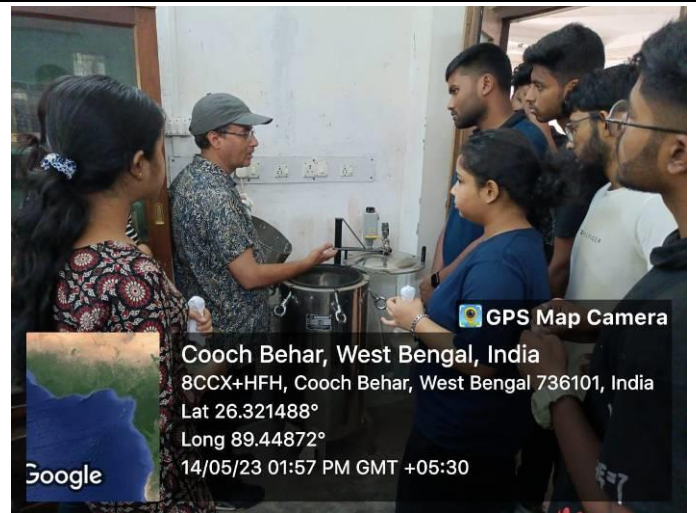


GPS Map Camera

Cooch Behar, West Bengal, India
8CCX+HFH, Cooch Behar, West Bengal 736101, India
Lat 26.321516°
Long 89.448873°
14/05/23 12:17 PM GMT +05:30

Google

Introductory class



GPS Map Camera

Cooch Behar, West Bengal, India
8CCX+HFH, Cooch Behar, West Bengal 736101, India
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Long 89.44872°
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Hands-on Training



GPS Map Camera

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Google

Hands-on Training



GPS Map Camera

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8CCX+HFH, Cooch Behar, West Bengal 736101, India
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Google

Hands-on Training

PHOTO GALLERY



Lecture cum Hands-on Training



Lecture cum Hands-on Training



Hands-on Training



Hands-on Training



Participants and other Team Members