

Dolphin (PG) Institute of Biomedical and Natural Sciences, Manduwala Dehra dun



Report of Add-on Certificate Course 2021-2022

Department	: Agriculture
Certificate course Name	: “Vermicompost”
Duration	: 30.00 hours
Number of students registered	: Hundred
Batch	: Two batches (50 in each batch)
Duration	1 st batch 2/Sept/2021 to 30/Dec/2021 2 nd Batch 24/Jan/2022 to 05/May/2022

“Certificate course on Vermicomposting”

30.00 Hour

1- Introduction:

Department of Agriculture, **Dolphin (PG) Institute of Biomedical and Natural Sciences**, Dehradun organized 30.00 hours Certificate Add-on Course on “Vermicompost”. One hundred students successfully completed the certificate course.

Two batches of 50 students each were made and the duration of the two batches were from 2/Sept/2021 to 30/Dec/2021 and 24/Jan/2022 to 05/May/2022 respectively.

The certificate course consisted of Theoretical and Practical classes, with an aim impart the knowledge of Vermicomposting among the students to enable them to learn the process, steps and methods of preparing vermicompost. The skills learnt during the course would enable the students to enhance their practical knowledge in vermicomposting, its advantages, commercialization and business development

Objectives:

1. To acquaint the learners with theoretical as well as practical (hands-on) exposure in vermicomposting and organic waste management in agriculture for productivity improvement and livelihood security focused with business oriented.
2. To impart awareness about the organic waste recycle and create the employment opportunities
3. To Develop the skill and buildup confidence in Vermicompost preparation

List of Faculty with brief Profile

S. No	Name and Profile	
1	Dr. C.S. Pandey , Associate Professor, (HOD) Department of Agriculture Specialization– Agronomy	Course Member
2	Dr. Virendra Kumar , Assistant Professor Department of Agriculture Specialization–Agronomy	Course Coordinator
3	Mr. Pankaj Budakoti , Assistant Professor , Department of Agriculture Specialization- Agronomy	Course coordinator
4	Mr. Upendra Dwivedi , Assistant Professor Department of Agriculture Specialization- Animal Husbandry	Course Member

List of Resource Persons with brief Profile

S. No	Name and Profile	
1	Dr. Anup Badoni, Senior Scientist and Director of PLANTICA-Indian Academy of Rural Development, Dehradun	Subject Matter specialist
2	Dr. Sudhir Thapliyal, Director Institute of Agriculture Training & Research, Dehradun	Subject Matter specialist

Syllabus

Unit 1: Vermicompost: 6 hours

Definition, Importance, role of vermicompost in increasing soil fertility, its role in Organic Farming.

Unit 2: Selection of Site: 6 hours

Criteria for selection for site, climatic factors affecting composting process, selection and types of worms to be used.

Unit 3: Materials for vermicompost: 6 hours

Selection of cowdung, farm waste to be used in vermicompost.

Unit 4: Maintenance of Vermicomposting Unit: 6 hours

Maintenance of temperature, moisture, stirring, sunlight

Unit 5: Harvesting of Vermicompost: 6 hours

Registered Students:

Batch: 01

S.No	Name of Student	Course
1.	AASHISH KUMAR SINGH	B.Sc. (AGRICULTURE)
2.	ABHINEK GUPTA	B.Sc. (AGRICULTURE)
3.	ABHISHEK KUMAR JHA	B.Sc. (AGRICULTURE)
4.	ADIPTI JOSHI	B.Sc. (AGRICULTURE)
5.	ADITYA NARAYAN JHA	B.Sc. (AGRICULTURE)
6.	ALOYSIS WAHENGAM	B.Sc. (AGRICULTURE)
7.	ANGKATO AOMI	B.Sc. (AGRICULTURE)
8.	BABULU WAIKHAM	B.Sc. (AGRICULTURE)
9.	BANDANA ADHIKARI	B.Sc. (AGRICULTURE)
10.	BENJAMIN LYMASA KHAILA	B.Sc. (AGRICULTURE)
11.	BHAGENDRA KUMAR MALLA	B.Sc. (AGRICULTURE)
12.	BINA DHAMI	B.Sc. (AGRICULTURE)
13.	BINAYAK GAUTAM	B.Sc. (AGRICULTURE)
14.	BIPIN PANT	B.Sc. (AGRICULTURE)
15.	CHUTAI CHEMDOK	B.Sc. (AGRICULTURE)
16.	DAPHIAHUN KHONGSAM	B.Sc. (AGRICULTURE)
17.	DAWOOD ANSARI	B.Sc. (AGRICULTURE)

18.	DEBJATY SAHA	B.Sc. (AGRICULTURE)
19.	DEEPA PANDEY	B.Sc. (AGRICULTURE)
20.	DEEPAK PANDEY	B.Sc. (AGRICULTURE)
21.	DEV SHANKAR ADHIKARI	B.Sc. (AGRICULTURE)
22.	DUREN SAPAM	B.Sc. (AGRICULTURE)
23.	ELTON GAUTAM	B.Sc. (AGRICULTURE)
24.	ERITO TSIDO	B.Sc. (AGRICULTURE)
25.	FERDOUSY CHOWDHURY	B.Sc. (AGRICULTURE)
26.	GHANAPYARI KHURAIJAM	B.Sc. (AGRICULTURE)
27.	GOKUL DEV PANT	B.Sc. (AGRICULTURE)
28.	GYANU BHUSAL	B.Sc. (AGRICULTURE)
29.	HANSHA RAJ DHAMI	B.Sc. (AGRICULTURE)
30.	HARI KRISHNAN	B.Sc. (AGRICULTURE)
31.	HORKEN D PADU	B.Sc. (AGRICULTURE)
32.	IADAHUN KHONGJEE	B.Sc. (AGRICULTURE)
33.	ILLIBO P. AYEMI	B.Sc. (AGRICULTURE)
34.	JANAK JOSHI	B.Sc. (AGRICULTURE)
35.	JANAK KHANAL	B.Sc. (AGRICULTURE)
36.	JAYA NARAYAN JOSHI	B.Sc. (AGRICULTURE)
37.	JIBAKANTA HAOBAM	B.Sc. (AGRICULTURE)
38.	KABITA PAUDEL	B.Sc. (AGRICULTURE)
39.	KABITA BHANDARI	B.Sc. (AGRICULTURE)
40.	KAMLESH KUMAR YADAV	B.Sc. (AGRICULTURE)
41.	KARUNA ROKAYA	B.Sc. (AGRICULTURE)
42.	KOSHRAJ POKHREL	B.Sc. (AGRICULTURE)
43.	LAISHRAM SURJIT SINGH	B.Sc. (AGRICULTURE)
44.	NIKITA JEENA	B.Sc. (AGRICULTURE)
45.	NINGSANG SUBBA LIMBOO	B.Sc. (AGRICULTURE)
46.	NISHAAN K.C	B.Sc. (AGRICULTURE)
47.	PRAGATI MAHATA	B.Sc. (AGRICULTURE)
48.	RAMESH YADAV	B.Sc. (AGRICULTURE)
49.	VICKY PALE	B.Sc. (AGRICULTURE)
50.	YADAV MARASINI	B.Sc. (AGRICULTURE)

Batch: 02

1.	Name of Students	Course
2.	ANGEL KHATRI	B.Sc. (AGRICULTURE)
3.	ARUN POKHREL	B.Sc. (AGRICULTURE)
4.	ARUSHI	B.Sc. (AGRICULTURE)
5.	ASHOK CHAUDHARY	B.Sc. (AGRICULTURE)
6.	BISHAL BASNET	B.Sc. (AGRICULTURE)
7.	BRIJESH KUMAR YADAV	B.Sc. (AGRICULTURE)
8.	BYLA KRI	B.Sc. (AGRICULTURE)
9.	CHANCHAL SHARMA	B.Sc. (AGRICULTURE)
10.	DENIN OINAM	B.Sc. (AGRICULTURE)
11.	DEVA ACHARYA	B.Sc. (AGRICULTURE)
12.	HAIGUYI AUOUSLINE ZOLIANG	B.Sc. (AGRICULTURE)
13.	KESHARI KANT CHAUDHARY	B.Sc. (AGRICULTURE)
14.	LAXMAN THAKULLA	B.Sc. (AGRICULTURE)

15	LEKHNATH CHAUDHARY	B.Sc. (AGRICULTURE)
16	LEVITHUNG JAMI	B.Sc. (AGRICULTURE)
17	LIMAAKUM	B.Sc. (AGRICULTURE)
18	LOKCHANDRA RAI	B.Sc. (AGRICULTURE)
19	LOKESH KUMAR SHAHI	B.Sc. (AGRICULTURE)
20	MARTO BASAR	B.Sc. (AGRICULTURE)
21	MENEHO	B.Sc. (AGRICULTURE)
22	MERAZUL HODA	B.Sc. (AGRICULTURE)
23	MHONTHUNG E OVUNG	B.Sc. (AGRICULTURE)
24	MOULI PAUL	B.Sc. (AGRICULTURE)
25	MUKESH MONDAL	B.Sc. (AGRICULTURE)
26	NANCY ANZUMIT LICKOM	B.Sc. (AGRICULTURE)
27	NAOSEKPAM LENINSON SINGH	B.Sc. (AGRICULTURE)
28	NARANDRA BHATT	B.Sc. (AGRICULTURE)
29	NIVESH GUPTA	B.Sc. (AGRICULTURE)
30	NYAKEN CHISI	B.Sc. (AGRICULTURE)
31	NYORING PONGLAHAM	B.Sc. (AGRICULTURE)
32	OM PRAKASH PANDIT	B.Sc. (AGRICULTURE)
33	PASSANG TSERING	B.Sc. (AGRICULTURE)
34	PHILIP DEBBARMA	B.Sc. (AGRICULTURE)
35	PRAMILA BISHOKARMA	B.Sc. (AGRICULTURE)
36	PRASHANT KUMAR KUSHWAHA	B.Sc. (AGRICULTURE)
37	PRATYUSH RAJ	B.Sc. (AGRICULTURE)
38	PRAVEEN KUMAR SHUKLA	B.Sc. (AGRICULTURE)
39	PRETTY SINAM	B.Sc. (AGRICULTURE)
40	PUJAN THAPA	B.Sc. (AGRICULTURE)
41	PUNGAM NGATHEM	B.Sc. (AGRICULTURE)
42	PUSKAR BHATTA	B.Sc. (AGRICULTURE)
43	RAHI MASOOM RAZA	B.Sc. (AGRICULTURE)
44	RAHUL BARAHMA	B.Sc. (AGRICULTURE)
45	RAMYA PANDA	B.Sc. (AGRICULTURE)
46	RANJEET KUMAR	B.Sc. (AGRICULTURE)
47	ROOPAK RAJ BHATT	B.Sc. (AGRICULTURE)
48	SOUMIQUE AHAMED	B.Sc. (AGRICULTURE)
49	SUBHAM KUMAR	B.Sc. (AGRICULTURE)
50	SUBILA L SANGTAM	B.Sc. (AGRICULTURE)
51	SUPRIYA DAS	B.Sc. (AGRICULTURE)

Lectures:



Field work in vermicompost unit:







Packaging of vermicompost:

