



NILGIRI COLLEGE OF ARTS AND SCIENCE

BHARATHI NELKALANJIYAM

CERTIFICATE COURSE ON PADDY CULTIVATION

Course Coordinator

Mr.M Abishek

Coordinator, Nature Club

Duration of the Course: 6 Months



Nature Club

An Initiative of Nature Club



NILGIRI COLLEGE OF ARTS AND SCIENCE

CERTIFICATE COURSE ON PADDY CULTIVATION

CURRICULUM

Name of the Certificate Course	: “BHARATHI NELKALANJIYAM - NATIVE PADDY CULTIVATION”
Board of Studies	: Dr.Senthilkumar G (Principal, Farmer) : Prof. Mohan Babu (Dean, Environmentalist) : Mr. Valsan (Neighborhood Veteran Traditional Farmer)
Course Coordinator	: Mr.M Abishek (Coordinator, Nature Club)
Duration of the Course	: 6 Months

OBJECTIVES OF THE COURSE

This certificate course aims at providing practical knowledge and the values of native paddy cultivations for the students. This course ensures the learner can assimilate the practice of native paddy cultivations. The course objectives are mentioned below:

1. To create a feeling of reverence in the mind of students toward agriculture
2. To teach the process of paddy cultivation and ensure the sustainability of organic cultivation.
3. To preserve and regenerate the traditional highly nutritional paddy seeds.
4. To uphold the greatness of farming and to respect the farmers.
5. To give lessons to the students on the hard work of farmers and their farming activities

ELIGIBILITY CRITERIA

All the UG and PG students of NILGIRI COLLEGE OF ARTS AND SCIENCE students are eligible to enroll in this course with no prior knowledge of farming and agriculture. The students and other interested candidates can enroll in this course with the principal's approval.

COURSE CONTENTS

The total duration of the course is 50 hours, including theory and practical.

1. FIELD PREPARATION (8 HOURS)

- Preparing the field
- Testing of soil quality (such as ph. level)
- Ploughing – Initial Level
- Basic fertilization
- Ploughing – Secondary Level

2. SEED, PLOUGHING, AND SAPLINGS (8 HOURS)

- Sacking the seeds in fungicide
- Bundling for germination
- Sowing the seeds
- Watering
- Measuring the growth every five days

3. TRANSPLANTATION (8 HOURS)

- Separating the saplings
- Dipping to fungicide
- Field preparation
- Transplantation

4. FERTILIZATION AND PEST CONTROL (5 HOURS)

Removing weeds

First fertilization

Pest control

Removing weeds

6. BEFORE HARVESTING (5 HOURS)

Study of its growth

Letting water out

Study of harvesting

6. HARVESTING AND PROCESSING (16 HOURS)

Reaping

Stacking

Handling

Trashing

Storage

THE SCHEME OF ASSESSMENT

The course has a duration of 50 hours with both theory and practical components. The evaluation scheme for this course is as follows.

1. Theory
2. Course Participation
3. Practical Knowledge

Theory assessment comprise of 20 percent marks which is based on the classroom evaluation. Course participation is attendance in the cultivation activities, and practical knowledge is assessed by observing the involvement in the cultivation; both have 40 percent of the marks.

Sl. No	Component	Mark
1	Theory	20
2	Course Participation	40
3	Practical Knowledge	40

VARIETIES OF PADDY

SL NO	NAME OF THE PADDY	NUMBER OF DAYS TO HARVEST
1	MADHUSALA	140
2	BHARMA BLACK	140
3	GIRISALA	135-140
4	GANDHAKASALA	150-160
5	KUNKUMASALI	110-115
6	KULLAN VIOLET	110
7	URUNI KAIMA	150-160
8	SARASWATHI	140-145
9	SIDHASANNA	130-135
10	KALAMALLI	140
11	KARIKAJABALA	150-155
12	CHENDHAADI	140-145
13	NJAVARA	100-110
14	MALLIKURUVA	140-150
15	KALABHATH	140
16	DAMBHARSALI	120
17	JAGANNADHAN	135-140
18	RAMLI	100-105
19	KRISHNAKAMODH	135-140
20	NALIKERA	145-150
21	RATHNACHOODI	110-120
22	THULASIBOKH	130-135
23	BLACK JASMIN	145-150
24	CHERIYA KUNJAN	120-125
25	RATHASALI	100-110
26	CHANNA	140
27	RATHASALI	100-110
28	CHANNA	140

COURSE OUTCOME

The following are the expected outcome of the certificate course:

1. Students will have a feeling of reverence toward agriculture
2. Students will know the paddy cultivation process and the importance of organic cultivation.
3. Preserve and regenerate the traditional and highly nutritional paddy seeds.
4. Uphold the greatness of farming and respect the farmers.
5. Students will be aware of hard work of farmers and their farming activities



NILGIRI COLLEGE OF ARTS AND SCIENCE

BHARATHI NEL KALANJIYAM CERTIFICATE COURSE ON PADDY CULTIVATION

[an initiative of Nature Club]

APPLICATION FORM

Name :

Batch : 2019-20 2020-21 2021-22 2022-23

Department :

Reg No :

Year : First Second Third

Enrollment Date : / / 2022

Mobile No :

Parent/Guardian :

Mobile No :

Signature of Candidate :

.....*FOR OFFICE USE ONLY*.....

The student is **ENROLLED** / **NOT ENROLLED** in the course

Remarks if not enrolled

Course Coordinator

Principal