



CARMEL COLLEGE, MALA

Nationally Re-accredited with 'A' grade (Third Cycle)

Thrissur Dt., Kerala- 680732, Ph:04802890247, Fax: 04802890247

E-mail: carmelcollege@rediffmail.com, Website: www.carmelcollegemala.ac.in



Criteria I

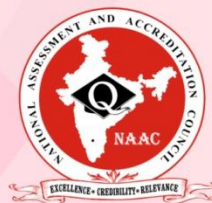
Curricular Aspects

1.2.2 Number of Add on /Certificate programs offered during the year

Summary Report of Certificate Courses

2021-2022

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BASICS OF FISHERIES BIOLOGY

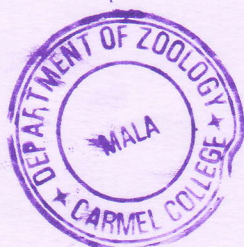
ACADEMIC YEAR 2021-22

Fisheries Biology explores the interaction among fish populations, the environment and humans. Fisheries researchers confront issues ranging from managing harvest of fish populations to developing novel approaches for culturing finfish and shellfish. Recent years, this sector has been increasingly popular in demand and has offered many opportunities to society. It has also kept its role of being an integral part of the economy of developed as well as developing countries. Realizing the opportunities and possibilities of this industry, the Department of Zoology, Carmel College, Mala organize a certificate course on the Basics of Fisheries Biology for the students. The Department outlined this course to enrich the students with supplementary information that will help aid in their future career prospects as well as enhance their personal lives.

The course was conducted in the academic year 2021 – 2022. There were a total of 61 participants which included the students of 1st, 2nd and 3rd DC Zoology. The students were given theory and practical classes. Dr. Shaji, Former Director of Biodiversity Board was the resource person. Syllabus includes Identification of different fish species, fishes surviving in different environments. The course also includes the ecology and conservation of endangered species as per IUCN.

Outcome

As we analyze the attainment of course outcome, we could see that the objective of the course are fulfilled. At the end of this course the students were able to identify various water fishes surviving at different environments, which in turn help them to find out its ecology and need for conservation. It forms a pre-requisite for their biological research, and maintenance of fish farms.

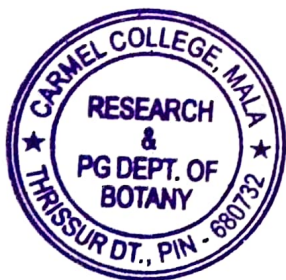


Carmel College, Mala
Department of Botany
Certificate course- MUSHROOM CULTIVATION- THE WAY TO AN
ENTREPRENEUR
2021-2022

Department of Botany, Carmel college Mala, conducted a certificate course on Mushroom cultivation- the way to an entrepreneur during the year 2021-2022. Fifty five students from various departments were enrolled in this course. Ms. Liji took the class related to the various types of mushroom and their importance and also explained the various techniques involved in mushroom cultivation. As part of the course, a virtual lab visit at MSSRF was also conducted for the students.

Outcome:

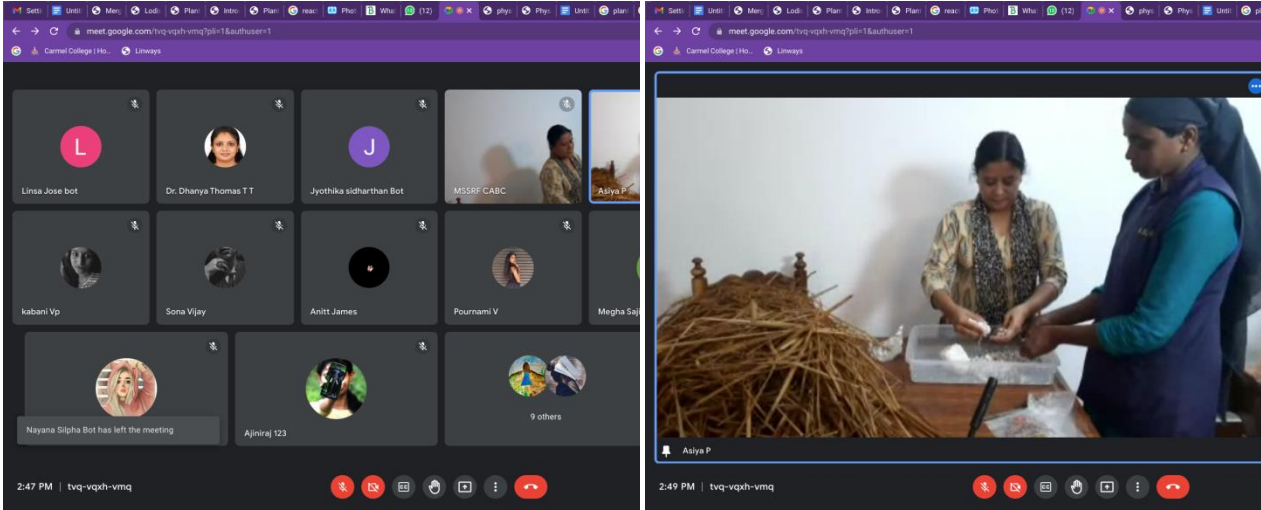
- The students are able to segregate edible and non-edible mushroom
- The students are able to cultivate the mushroom at local spaces



A handwritten signature in blue ink, appearing to be 'Liji', written over a horizontal line.

Head
Department of Botany
Carmel College, Mala
Thirissur, Kerala - 680732

Mushroom Cultivation the Way to an entrepreneur 2021-2022




DEPARTMENT OF ENGLISH
CARMEL COLLEGE, MALA
REPORT OF ESSENTIAL COMMUNICATION SKILLS 2021-22

The Department of English and Internal Quality Assurance Cell jointly offer a Certificate Course in “Essential Communication Skills” to enhance listening, speaking, reading and writing (LSRW) skills. Vocabulary and fluency in language is assured through digital learning.

The aim of this course is to develop fluency in conversation where the use of English is imperative, to develop the speech skills necessary for confident and intelligent participation in group discussion and to take up team leader roles in society as well as future workplaces. The course comprises four modules on oral communication, introduction to speech sounds, professional skills and digital learning which includes writing e-mails, creating google forms and making power point presentations.

11 students enrolled for the certificate course in “Essential Communication Skills”. After the successful completion of this course, the students will change for the better with good speaking and listening skills. They will be intelligible in their own speech after acquiring the listening and speaking skills to comprehend and adequately respond to the English spoken in different parts of the world.


Dr. PRETTY JOHN P.
Assistant Professor & HOD
Department of English
Carmel College, Mala



CARMEL COLLEGE, MALA

Department of Chemistry

Certificate Course –CCSM-01-Solid Waste management

2021-22

Waste management today involves not only the collection and transportation of waste; but also treatment, disposal and recycling. Department of Chemistry, Carmel College, Mala conducted a Certificate Course on Solid Waste management during the year 2021-22. The overall objectives of the course were to provide an overview of the state of solid waste management and various technologies for handling wastes and on compliance with respect to environment laws, which on the whole helps to enhance the capacities of the students to take up challenging responsibilities in the above said sector. Twenty-three students from various departments were enrolled in this course. Eminent faculties conducted the classes that covered various technology options for collection, transportation, processing, treatment and disposal of Solid Waste that comes from different sectors.

Outcome:

On doing this programme, the students will be able to:

- Understand the challenges of waste management
- Learn about appropriate and sustainable solutions for the same
- Recognize the market opportunity for recycled and reused products



Princy K.G.P
DR. PRINCY K.G.
ASSOCIATE PROFESSOR & HEAD
DEPT. OF CHEMISTRY
CARMEL COLLEGE, MALA