

# S.N.M COLLEGE MALIANKARA

(Affiliated to Mahatma Gandhi University, Kottayam)

1. **Title of the program** : Seaweed Exhibition and Workshop
2. **Name of the Coordinator/s** : Dr. E.C. Baiju.
3. **Organizing Department/Cell** : Department of Botany
4. **Date** : 9<sup>th</sup> October 2019
5. **Number of participants**: 41
6. **Venue**: Department lab and Portico
7. **Resource Person/s** : Dr. M G Sanilkumar, Assistant Professor & Research Guide, SNM College, Maliankara
8. **Objective of the Program** : Awareness about Seaweeds and hands on training session.
9. **Detailed description of the event:**

The research Department of Botany SNM College Maliankara organized a one-day Seaweed Exhibition and Workshop on 09-10-2019. The programme started at 10 am, inaugurated by Dr. C M Sreejit, Hon: Principal SNM College Maliankara. There were 38 student and 3 teachers from DD Sabha High School, Karimbadam, N. Paravur and St. Augustine High school Njarakkal, actively participated. The workshop was carried out in three Technical sessions, include

Introduction to the world of Algae

Preface of various algal culture techniques and its application

Familiarization of Phase contrast microscope and its application in algal studies

Seaweed Exhibition

Valedictory session

The first session lead by Dr. M G Sanilkumar, HoD & Research Guide of Dept. of Botany. He had given a detailed class on micro and macroalgae, classification, habitat, and its application in our daily life. Then field visit was conducted and collected different types of microalgae from the College campus. The microscopic examination of collected samples was also done.

The second session handled by Research scholars Miss. Lidiya V S and Mrs. Priyanka M V. All the participants were visited the Algal Culture Lab of the department. Then gave an introductory talk on various algal culture techniques and its applications in our day to day life.

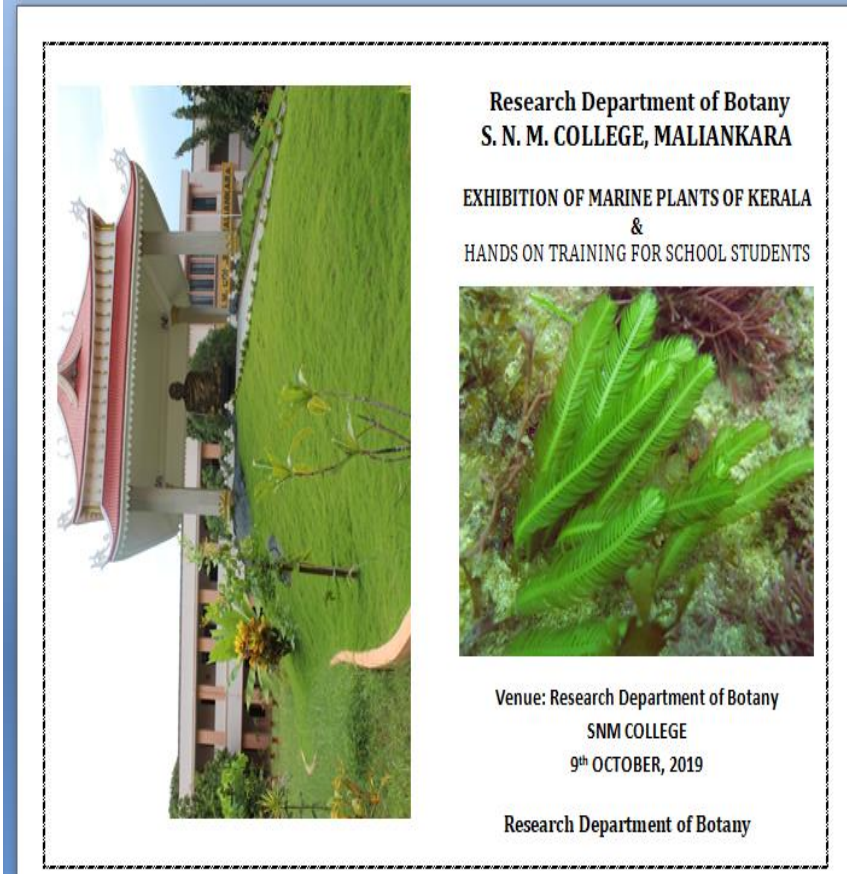
Session (iii) lead by Miss. Divya P V, Research scholar, she introduced the working and different aspects of Phase contrast microscope in algal studies. All the students were excitedly observed the specimens collected from the field through the Phase contrast microscope.

Fourth session included exhibition of 24 species of Seaweeds collected from Kerala Coast. The student's doubts regarding the Seaweeds were clarified by Miss. Roshni T Ramanan, Research Scholar.

The valedictory session includes Feedback from students and teachers and vote of thanks by Dr. E C Baiju Assistant Professor and Research Guide Dept. of Botany.

**10. Outcome of the event/Evaluation by Program Coordinator:** The school students were able to observe different microscopic and macroscopic algae. They were also given insight into various algal culture techniques.

### 11. Brochure



The brochure is enclosed in a blue border and a dashed black border. On the left side, there is a vertical photograph of a building with a red roof and a green lawn. On the right side, there is a photograph of a green, feathery marine plant. The text is centered on the right side of the brochure.

**Research Department of Botany  
S. N. M. COLLEGE, MALIANKARA**

**EXHIBITION OF MARINE PLANTS OF KERALA  
&  
HANDS ON TRAINING FOR SCHOOL STUDENTS**

**Venue: Research Department of Botany  
SNM COLLEGE  
9<sup>th</sup> OCTOBER, 2019**

**Research Department of Botany**

S. N. M. COLLEGE, MALIANKARA

Research Department of Botany  
S. N. M. COLLEGE, MALIANKARA

## EXHIBITION ON MARINE PLANTS OF KERALA & HANDS ON TRAINING FOR SCHOOL STUDENTS

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### Programme Schedule

#### Session I

(10.00 am to 11.15 am - Marine Plants Exhibition  
at the Department of Botany)

#### Session II

(11.30 am to 12.45 pm - Hands on training in Algal studies for  
High School students)

Prayer

Welcome Speech

: Ms. Lakshmi P

(Asst. Professor, Department of Botany)

Inauguration

: Dr. C.M. Sreejit

(Principal, SNMC)

Felicitation

: Dr. C.N. Sunil

(Associate Professor (Botany) & Research Guide)

Vote of Thanks

: Dr. Rajju EC.

(Asst. Professor, Department of Botany)

Dear friends,

Algae are considered to be one among the most valuable plant creatures in the world. The algae changed the atmosphere of the planet, gave rise to the land plants. They provide half of the planet's annual oxygen supply and are directly responsible for all seafood, and indirectly responsible for all land food. They help supply fixed nitrogen to support life on the planet.

Marine Plants are commonly called as Seaweeds, which refers to species of macroscopic, multi-cellular, marine algae. The term includes different species of red, brown and green macroalgae. Seaweed species provide essential nursery habitat for fisheries and other marine species and thus protect food sources. Other group, i.e. microscopic algae, play a vital role in capturing carbon, producing up to 90% of Earth's oxygen. Understanding these roles offers principles for conservation and sustainable use.

In this context, it is our great pleasure to invite you to an exhibition on Marine plants (Seaweeds) of Kerala and Hands on training for high school students for providing awareness and various applications regarding algae. The high school students of DD Sabha School, Karimhadam will be attending this programme.

Since the Department of Botany having an ample collection of seaweeds along the Kerala coast, we are extremely happy to invite you to this exhibition.

With warm regards,

Dr. M.G. Sanilkumar  
(Head of the  
Department)

Ms. Lakshmi P.  
(Convener, Botany  
Association)

Maliankara

04.09.2019

## 12. Photos







13. Newspaper Report photo (If any)



#### 14. List of participants

Sl.No	Name	Gender	Class
1	Laila Jacob	Female	Teacher
2	Anju M	Female	Teacher
3	Maya D	Female	Teacher
4	A Lakshanya	Female	Student
5	Abram Prince John	Male	Student
6	Adam J Komaroth	Male	Student
7	Adam Solomon Ajith	Male	Student
8	Adityadev P	Male	Student
9	Arush P A	Male	Student
10	Evin Antony Arun	Male	Student
11	Jerome V Jeevan	Male	Student
12	Muhammed Hazim Anwar	Male	Student
13	Nakshatra Sarath	Female	Student
14	Aaira Aidin	Female	Student
15	Adhaniel Kalarithra Binu	Male	Student
16	Aiswarya Sarath	Female	Student
17	Barkath Izzah Syed Azad	Male	Student
18	Anaya Kumari	Female	Student
19	Armaan Shihabudheen	Male	Student
20	David Abraham Thomas	Male	Student
21	Devanandha Sreejith	Female	Student
22	Devdath Sreejith	Male	Student
23	Dua Bindh Sidhique	Female	Student
24	Hamdan Azhar	Male	Student
25	Hetal Nigil Palliyil	Female	Student
26	Imran M Faisal	Male	Student
27	Insha Fathima	Female	Student
28	Jadon Mathew Arun	Male	Student
29	Joan Abigal Suraj	Female	Student
30	Krishvi Singh	Female	Student
31	Mahin Izaan P.N	Male	Student
32	Muhammed Zidan	Male	Student
33	N Sanvi Mridini	Female	Student
34	Naira Ishal	Female	Student
35	Ryan Chrysologus	Male	Student
36	Sidharth Sreejith	Male	Student
37	Siya Miriam Johnson	Female	Student
38	Tirzah Jayz Niju	Female	Student
39	Vedha Aswathy	Female	Student
40	Niranjana Praseed	Female	Student
41	Misbahudheen E N	Male	Student