

Academic Report on the Study Tour to NCPOR and NIO, Goa

**Department of Aquaculture
MES Asmabi College, P. Vemballur**

Introduction

As part of the curriculum and experiential learning program, 33 final-year B.Sc. Aquaculture students from MES Asmabi College, P. Vemballur, undertook a study tour to two prestigious national research institutes in Goa — the **National Centre for Polar and Ocean Research (NCPOR), Vasco Da Gama** and the **National Institute of Oceanography (NIO), Dona Paula**. The study tour, conducted on **20th and 21st January 2025**, aimed to expose students to cutting-edge research, technological advancements, and career opportunities in the fields of aquaculture, fisheries, oceanography, and polar research.

The student team was accompanied by **Dr. Kesavan K**, Associate Professor and Head of the Department of Aquaculture, **Smt. Sreelakshmi T P**, Assistant Professor in B.Voc. Fish Processing Technology, and **Mr. Mohammed Areej E M**, Assistant Professor in Biochemistry.

Highlights of the Visits

Visit to National Centre for Polar and Ocean Research (NCPOR), Vasco Da Gama – 20/01/2025

- The team received a warm welcome and visited various sections of the institute.
- Students attended a comprehensive presentation detailing the **mandate, major projects, and scientific activities** of NCPOR.
- **Dr. Thamban Meloth**, Director of the Institute delivered an engaging talk on the **scope of Aquaculture and Fisheries students in polar research**, highlighting interdisciplinary opportunities in extreme environmental studies and marine ecosystems.
- **Dr. Swathy, Post-Doctoral Fellow**, presented detailed insights into the **research activities and services** offered by NCPOR.
- The visit provided exposure to the significance of polar studies, cryospheric research, and their linkage with global climate systems.

Visit to National Institute of Oceanography (NIO), Dona Paula – 21/01/2025

- The student team was welcomed by **Dr. Sharon Tracy Gomas, Senior Technical Officer**.
- Dr. Sharon delivered an informative lecture and presentation on the **mandate, research areas, and technological contributions** of NIO.
- The students visited a special **exhibition showcasing marine minerals, oceanographic research vessels, and state-of-the-art oceanographic equipment**.
- They explored various **laboratories** engaged in multidisciplinary ocean research, learning about diverse aspects like marine biology, chemical oceanography, physical oceanography, and deep-sea exploration.

Core Observations and Learning Outcomes

- The visits provided students **first-hand exposure** to large-scale national research institutes dedicated to **polar and ocean studies**.
- Students understood the **integration of aquaculture and fisheries science** with polar research, marine resource exploration, and environmental monitoring.
- The **interactive sessions** broadened their knowledge of potential research areas and **career opportunities** in government research institutes, scientific expeditions, and environmental conservation projects.
- Insight into advanced research vessels and laboratory facilities enhanced the students' practical understanding of oceanographic methodologies.
- The visits emphasized the relevance of **sustainable aquaculture practices, climate change studies**, and the importance of **marine ecosystem research**.

Conclusion

The academic visit to NCPOR and NIO was a highly enriching experience for the students of B.Sc. Aquaculture. It strengthened their academic knowledge, inspired scientific curiosity, and provided valuable exposure to career and research possibilities in the field of aquatic sciences. The study tour successfully met its objective of integrating theoretical learning with practical understanding, thereby contributing significantly to the students' professional development.

LIST OF STUDENTS PARTICIPATED IN STUDY TOUR

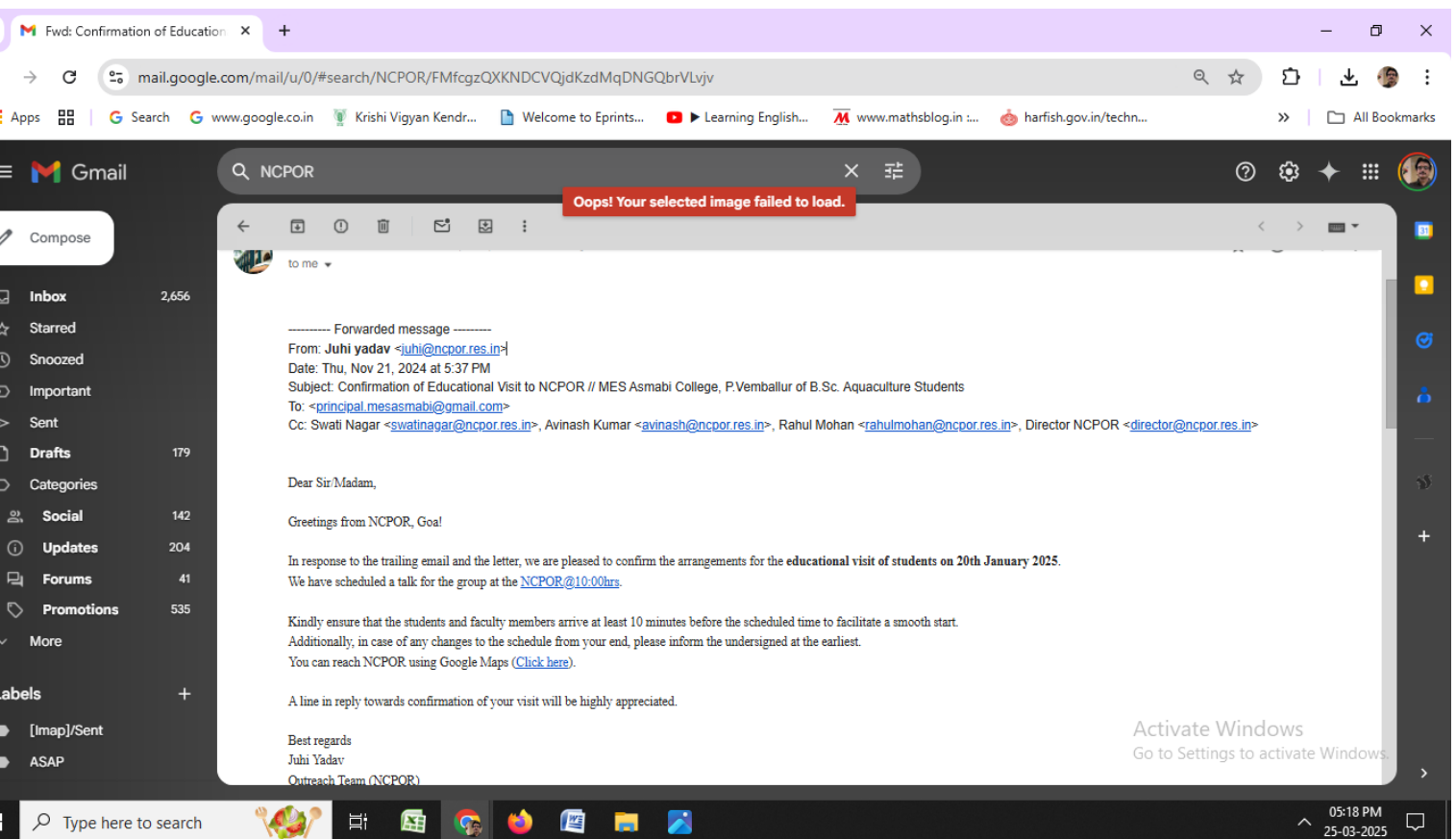
Sl.No.	Uty. Reg. No.	Name of the Candidate
1.	AIAWSAQ001	HANAZAINAB E
2.	AIAWSAQ002	ABDU RAHMAN ELLATH
3.	AIAWSAQ003	AL AMEEN N
4.	AIAWSAQ004	V M MUHAMMED SHUAIB
5.	AIAWSAQ005	KRISHNAPRIYA K S
6.	AIAWSAQ006	MUHSINA MUSTHAF A
7.	AIAWSAQ007	ALWIN RISON
8.	AIAWSAQ008	ATHULKRISHNA I P
9.	AIAWSAQ009	P M SIVA NANDAN
10.	AIAWSAQ010	PRINCE K P
11.	AIAWSAQ011	ASHITHA SIVADASAN
12.	AIAWSAQ012	DEVAGANGA A S
13.	AIAWSAQ013	HARSHA K HARI
14.	AIAWSAQ014	HRIDYA SANTHOSH
15.	AIAWSAQ015	LENITHA BINU
16.	AIAWSAQ016	MALAVIKA PRADEEP
17.	AIAWSAQ017	P J KRISHNAPRIYA
18.	AIAWSAQ018	RAFAH SHANAVAS
19.	AIAWSAQ019	RIDHA SHERIN A
20.	AIAWSAQ020	SHAHANAS N A
21.	AIAWSAQ021	VIGITHA V
22.	AIAWSAQ022	ADITHYAN ANILKUMAR
23.	AIAWSAQ023	ADITHYAN A S
24.	AIAWSAQ025	AKHILKRISHNA P H
25.	AIAWSAQ026	ANANTHAKRISHNAN K P
26.	AIAWSAQ027	ANSAF V A
27.	AIAWSAQ028	ARJUNKRISHNA K M
28.	AIAWSAQ029	GOKUL K S
29.	AIAWSAQ030	MOHAMMED SALIH P Y
30.	AIAWSAQ034	P B NISSIN BABU
31.	AIAWSAQ035	RAHUL P S
32.	AIAWSAQ037	VIJUN M
33.	AIAWSAQ038	VINMESH KUMAR K A







SCREENSHOT OF PERMISSION LETTER FOR STUDY TOUR FROM NCPOR AND NIO, GOA



Browser window showing a Gmail interface. The address bar displays: mail.google.com/mail/u/0/#search/nio/FMfcgzQXKNHtdsdqIshfVzsZjIMtJjWS

Gmail interface elements:

- Search bar: nio
- Compose button
- Left sidebar menu:
 - Inbox (2,656)
 - Starred
 - Snoozed
 - Important
 - Sent
 - Drafts (179)
 - Categories
 - Social (142)
 - Updates (204)
 - Forums (41)
 - Promotions (535)
 - More
 - Labels
 - [imap]/Sent
 - ASAP

Message details:

- Subject: Fwd: MES Asmabi College,P.Vemballur - Request for permission for study tour of B.Sc. Aquaculture Students
- From: PRINCIPAL MES ASMABI <principal.mesasmabi@gmail.com>
- Date: Mon, Nov 25, 2024, 3:41 PM
- Content:

----- Forwarded message -----
From: Sharon Tracy <sharon@nio.res.in>
Date: Mon, Nov 25, 2024 at 2:52 PM
Subject: Re: MES Asmabi College,P.Vemballur - Request for permission for study tour of B.Sc. Aquaculture Students
To: principal.mesasmabi <principal.mesasmabi@gmail.com>

Dear Sir,

Thank you for your e-mail and the interest shown in our institute and the research.
Your group of students are welcomed to visit CSIR-NIO, Goa on 21st January 2025 at 10.30 AM.
The activities of the institute will be explained in form of a film screening.
Kindly maintain a decent dress code. Kindly carry the letter of the HOD/ Principal (2 Copies).
If you need any further assistance you may please email at sharon@nio.org
On arrival kindly contact at the main gate.

Thank you
Sharon Gomes