

MOU for undertaking project/study on The Biodiversity and Ecology of the Fragile Ecosystems of Goa: The Mangroves and the Saltpans.

This agreement is made at Margao on Third day of August in the year two thousand twenty two between Dy. Conservator of Forest, Research & Utilization Division, Margao hereinafter referred to as “the Authority” of one part and Dr. Bhakti B. Salgaonkar, Assistant Professor, Goa University, Taleigao Plateau-Goa, hereinafter referred to as the “Project Proponent” through the Registrar of Goa University, Taleigao Plateau-Goa the other part. This agreement shall come into force from 03-08-2022.

Whereas:

- a. A proposal has been received from the project proponent to render financial assistance to support the project as per the approved APO of CAMPA for the year 2022-23.
- b. The Authority has decided to carry out research on “The Biodiversity and Ecology of the Fragile Ecosystems of Goa: The Mangroves and the Saltpans” based on the decision of the Research Advisory Committee (RAC).
- c. The project proponent has submitted the detailed proposal as under:-

Plan of Work

- Phase 1 (0-3 months): Collection of recent literature, appointment of staff (Research Scholar), procurement of equipment and chemicals. Initiating the survey on mangroves and saltpans.
- Phase 2 (3-6 months): Survey of the Mangrove vegetation and saltpans of Goa. Analysis of the water/brine and sediment samples for the presence of harmful chemicals such as herbicides, heavy metals, etc.
- Phase 3 (6-9 months): Survey of the flora and fauna during the seasonal variations would be studied and documented.
- Phase 4 (9-12 months): Study on the Microbial diversity of the saline regions and dying mangroves patches. Screening for the presence of human pathogens.

	Achievable targets			
Period of study	0-3 months	3-6 months	6-9 months	9-12 months
Phase 1				
Phase 2				
Phase 3				
Phase 4				

Objective of the Project/ Study

- a. To study the effects of the rapid development and urbanization on the Mangrove vegetation and saltpans of Goa
- b. Biotic/Abiotic reasons for damage for mangrove in some parts of Goa.

Payment Terms and condition:-

The payment would be made by the Dy. Conservator of Forest, Research & Utilization Division on behalf of the Forest Department as per the payment schedule mentioned below.

Sr. No.	Phase No.	Item	Amount
1.	First Instalment	30% of the total project cost	After receiving timeline of research work approval and completion of the Agreement
2.	Second Instalment	40% of the total project cost	After submission of draft project report
3	Final Instalment	30% of the total project cost	After submission of final project report

Roles, Duties and Responsibility:-**The Project Proponent:-**

1. To study the effects of the rapid development and urbanization on the Mangrove vegetation and salt pans of Goa and Biotic/Abiotic reasons for damage for mangrove in some parts of Goa.
2. To strictly adhere to the schedule and activities mentioned in the project proposal.
3. The outcome of the research study shall be the Joint Rights of both project proponent and the Forest Department, and the Forest Department's permission is essential for publishing any Research Papers, on the findings of the project.
4. All material purchased must be handed over to the authority after completion of the project before receipt of final payment.

The Authority:-

1. To provide all the necessary assistance as may be reasonably required by the project proponent for carrying out the project successfully.
2. If at any given point of time Forest Department is not satisfied with the progress of the study, the department will stop releasing the subsequent instalment and the amount which has already been released to the Project Proponent shall be refunded by the Project Proponent with prevailing rate of interest.

Settlement of Disputes

Any Dispute or difference, which shall arise between parties hereto, whether in relation to interpretation of this agreement or to any act or omission by either party to the dispute or as to any act which ought to be done by the parties in dispute or either of them or in relation to any other matter whatsoever touching upon this Agreement shall be referred to the Principal Chief Conservator of Forest, Goa, whose decision shall be final and binding to both parties.

IN WITNESS WHEREOF THE COMMON SEAL OF THE AUTHORITY HAS BEEN
HEREUNTO AFFIXED AND THE COMMON SEAL OF THE PROJECT PROPONENT HAS
BEEN HEREUNTO AFFIXED ON THE DAY AND WEEK FIRST HEREIN ABOVE
WRITTEN.

The common seal of the Department, Government of Goa, has
been hereunto affixed and signed by Deputy Conservator of
Forests, Research & Utilization Division, Margao

D. Jay.
3/8/22.

In presence of:



The common seal of Name: Prof. V. S. Nadkarni

Designation: Registrar

Institution: Goa University, Taleigao Plateau-Goa
has been hereunto affixed and signed by:

V. S. Nadkarni
05/08/22

**REGISTRAR
GOA UNIVERSITY
TALEIGAO GOA
483 208**



Dr. Bhakti B. Salgaonkar
03/08/2022

Dr. Bhakti B. Salgaonkar,
(Assistant Professor)

In presence of:

R. S. Gad

Dr. Lakshangy S. Chazga

CERTIFICATE

1. Certified that amount claimed for the work of The Biodiversity and Ecology of the Fragile Ecosystems of Goa: The Mangroves and the Saltpans, is not claimed and paid previously.
2. Certified that the work will be carried out by Goa University, Taleigao Plateau-Goa./ draft report has been prepared based on study carried out as per the submitted and approved proposal/ final report has been prepared based on the comments of RAC on the draft report.
3. Certified that the Agreement has been signed between Goa University, Taleigao Plateau-Goa & DCF (R&U), Margao.

Accepted and passed for an amount of Rs 30% (1st Instalment) is **Rs. 1,49,400/- of total budget Rs. 4,98,000/-**