

RDRM FORM A 1

INFORMATION OF SANCTIONED PROJECT
AND APPROVAL FOR IMPLEMENTATION

(REQUEST FOR VICE CHANCELLOR'S APPROVAL)

1. Project Title and sanction letter No. Mangrove mapping of 'Coast of Goa'
SAC | EPSA | BPSG | AED | SHRESTI / NMM | 18-19/05
2. Funding agency: Indian Space Research Organization (ISRO)
3. Department: Botany
4. Principal Investigator: Prof B.F. Rodrigues
5. Co-investigator (if any): -
6. Duration of project: Two years
7. Total amount of the project :Rs. 14.79 lacs.
8. Sanctioned Sub Heads and amount :
 - a) Service (salaries) - 1 No. - 7,20,000/-
 - b) Travel & field data collection - 4,00,000/-
 - c) Consumables / Contingency - 2,00,000/-
 - d) _____
 - e) _____
9. Overhead : Rs. 1,59,000/-
10. Number and Designations of research staff: 1 JRF / Project Assistant
11. Terms and conditions :
 - a) Dates for submission of Report year end.
 - b) Dates for submission of utilization certificate : year end
12. Yearwise break-up of the sanctioned amount : - Attached separately -

13) Plan of utilization of sanctioned grant over the year : (use additional sheet)

- Enclosed separately

Project Investigator

Date: 24/06/2019

for HOD

Date: 24/06/19

(For use of RDRM)

1. Project No. : GU/D-RDRM/ISRO/Botany/BFR/35/2018-19
2. Overhead expenditure sanctioned : Rs. 15/-
3. Mode of submission of utilization certificate (Half yearly/yearly) :

4. Details recorded in
 - a) Section III : _____
 - b) Finance Office : _____
 - c) RDRM : RA 24/6/19 Date : _____

(FOR USE BY VICE CHANCELLOR)

Vice Chancellor

Date: 25/6/19

भारत सरकार
अंतरिक्ष विभाग
अंतरिक्ष उपयोग केन्द्र
आंबावाडी विस्तार डाक घर,
अहमदाबाद-380 015. (भारत)
दूरभाष : +91-79-26913050, 26913060
वेबसाईट : www.sac.isro.gov.in/www.sac.gov.in



सत्यमेव जयते

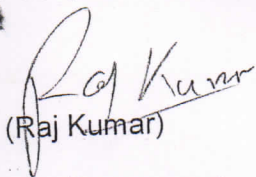
Government of India
Department of Space
SPACE APPLICATIONS CENTRE
Ambawadi Vistar P.O.
Ahmedabad - 380 015. (INDIA)
Telephone : +91-79-26913050, 26913060
website : www.sac.isro.gov.in/www.sac.gov.in

Date: 14/05/2019

Dr. Raj Kumar
Deputy Director,
Earth, Ocean, Atmosphere,
Planetary Sciences and Applications Area (EPSA)
Space Applications Centre (ISRO)
Ahmedabad – 380015
Phone 079-2691 4024

To,
The registrar,
Dept of Botany, Goa University,
Taleigao plateau, Goa 403206

I am pleased to inform you that the joint collaborative project entitled 'Mangrove mapping for the coast of Goa' has been initiated between Space Applications Centre and Botany Department, Goa university for updation of mangrove community zonation at 1:25000 scale. The project is part of National mangrove mapping project under SHRESTI Program of SAC, ISRO. A copy of the signed work-plan is attached herewith. The project duration is for two years, beginning from April 2019. We look forward for successful fulfillment of work and achieving project objectives in this joint activity.


(Raj Kumar)

डॉ. राज कुमार / Dr. Raj Kumar
उप निदेशक / Dy. Director
ईपीएसए / EPSA

Accuracy assessment for mangrove classes.

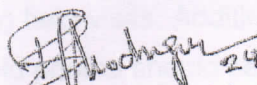
Responsibility for checking / validating in future as per any queries from government / ministry.

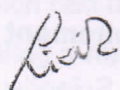
• Budget

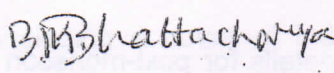
Total cost (Rs in lakh)

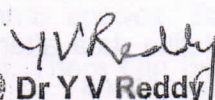
2020-21					
Sr.no	Item	18-19	2019-20	2020-21	Total (Rs in lakh)
1	Services*	0.6	3.60	3.00	7.20
2	Travel/ground truth	0	2.50	1.50	4.00
3	Institutional charges (20 % Services + Ground truth)	0.09	0.91	0.67	1.59
4	Consumables/ Contingency	0.20	1.00	0.80	2.00
	Total	0.89	8.01	5.97	14.79

*Salary for 1 Project staff per year (25000+20% HRA per month for first two years and 28000+20% HRS for third year, if applicable)

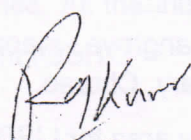

Dr Bernard F Rodrigues
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Department of Botany,
Goa University, Goa


Dr Nikhil Lele
Scientist,
Agriculture & Land Eco-systems Division,
SAC, Ahmedabad


Dr Bimal K Bhattacharya
Head,
Agriculture & Land Eco-systems Division
& Project Director, SHRESTI
(AED-BPSG-EPISA) SAC, Ahmedabad


Dr Y V Reddy
Registrar,
Goa University, Goa

REGISTRAR
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TALEIGAO GOA
403 206


Dr Raj Kumar
Deputy Director, EPSA,
SAC, Ahmedabad
डॉ. राज कुमार / Dr. Raj Kumar
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