

ISAO

C/365

Prof. H. B. Munim,

ब. No. DS\_2B-13015/1/2019  
भारत सरकार/GOVERNMENT OF INDIA  
अंतरिक्ष विभाग/DEPARTMENT OF SPACE

\*\*\*

Antariksh Bhavan  
New BEL Road  
Bengaluru - 560 094

January 21, 2019

The Registrar,  
Goa University,  
Taleigao Plateau,  
Goa - 403 206.

Sir,

Sub: Grant-in-aid - NOBLE - IGBP - Release of grant for national networks on aerosol and boundary layer observatories set up by SPL under NOBLE - reg.

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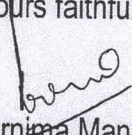
I am directed to convey the sanction of the President to a grant of ₹10,00,000/- (Rupees Ten lakh only) towards meeting the working expenditure for carrying out Network Observations for Boundary Layer Experiment (NOBLE) project under ISRO Geosphere Biosphere Programme (IGBP) during the year 2018-19 by Goa University, Goa.

2. The amount of ₹10,00,000/- (Rupees Ten lakh only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094 on receipt of the bill.
3. The grant-in-aid sanctioned shall be subject to the terms and conditions mentioned in the Annexure enclosed.
4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.
5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of support.

...2/-

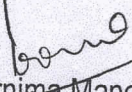
6. The expenditure involved is debitable to the Head "3402.00.103.19.00.31- Space Research- Space Sciences-Climate & Atmospheric Programme - GIA-General" under 'Grant No.91 - Department of Space' for the financial year 2018-2019.

Yours faithfully,

  
(पूर्णिमा मनोज/Poornima Manoj)  
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Scientific Secretary, ISRO, Bengaluru
2. The Director, EDPO, ISRO Hq., Bengaluru (Ref: IGBP 18.08.03/2019 dtd 02.01.2019)
3. Director, Space Physical Laboratory, VSSC, Thiruvananthapuram
4. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi
5. The Director General of Audit, O/o the Director General of Audit, Scientific Departments, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094
6. The Chief Controller of Accounts, DOS, Bengaluru
7. Senior Accounts Officer, ISRO Hq., Bengaluru
8. The Pay & Accounts Officer, Department of Space, Bengaluru-With a request to make the payment of ₹10,00,000/- (Rupees Ten lakh only) in favour of "**The Registrar, Goa University**" on receipt of the bill.
9. The Senior Head (Internal Audit), DOS, Bengaluru.
10. Accounts Officer, Special Projects, ISRO Hq, Bengaluru
11. Shri. K R Manjunath, Associate Director, EDPO, ISRO Hq
12. Prof. Harilal B Menon, Department of Marine Sciences, Goa University, Goa - 403 206.

  
(पूर्णिमा मनोज/Poornima Manoj)  
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

## GOA UNIVERSITY



School of Earth, Ocean, and Atmospheric Sciences  
Utilization Certificate

08/08/2022

Project: R&amp;D Project funded by ISRO under ISRO-IGBP NOBLE Programme

Activity: R&amp;D Project under ISRO-IGBP

Expenditure Report for the period 1<sup>st</sup> April 2022 – 2<sup>nd</sup> August 2022 under R&D Project ISRO-IGBP (NOBLE).

Sl. No.	Expenditure Head	Amount carry forwarded (Rs.)	Amount Received during the period (Rs.)	Expenditure during the period (Rs.)	Balance (Rs.)
1	Salaries	2,81,097.00	0.00	1,94,880.00	86,217.00Cr
2	Equipment	11,24,843.68	0.00	10,28,789.00	96,054.68Cr
3	Travel/Contingency	0.00	0.00	6,000.00	6000.00Dr
4	<b>Grand Total</b>	<b>14,05,940.68</b>	<b>0.00</b>	<b>12,29,669.00</b>	<b>1,76,271.68 Cr</b>

The expenditure as above has been utilized as per the rules and procedure governing the grants from the funding agency and has been properly accounted in the books of account. The relevant records are retained in this organization and are audited/subjected to audit by our auditors.

*[Signature]*  
Principal Investigator 12/08

*[Signature]*  
Finance Officer

Finance Officer  
Goa University  
Taleigao Plateau,  
Goa - 403 206

*[Signature]*  
Registrar

Registrar  
Goa University  
Taleigao Plateau,  
Goa - 403 206

**GFR 12 – A**  
**(See Rule 238(1))**  
**FORM OF UTILISATION CERTIFICATE**  
**FOR GRANTEE ORGANISATION**

UTILISATION FOR THE YEAR 1<sup>st</sup> April 2022 – 2<sup>nd</sup> August 2022 in respect of GRANTS IN AID Released by Department of Space

1. Project title R&D Project funded by ISRO under ISRO-GBP NOBLE Programme
2. Name of the PI & Designation Prof. (HAG). Harilal B Menon, Dean. School of Earth Ocean and Atmospheric Sciences, Goa University
3. Name & Address of the institution School of Earth Ocean and Atmospheric Sciences, Goa University, University P.O., Pin: 403206, Goa, India
4. Name of the Scheme **Space Sciences (2792)**
5. Whether recurring or no recurring grants **Non-recurring**
6. Grants position at the beginning of the Financial year
  - (i) Cash in Hand/Bank **INR 14,05,940.68/-** ✓
  - (ii) Unadjusted advances **NIL**
  - (iii) Total **INR 14,05,940.68/-**
7. Details of grants received, expenditure incurred and closing balances (Actuals)

Unspent Balances of grants received years (Figure as Sl. No 3(iii))	Interest earned there on	Interest deposited back to the Government	Grant received during the year			Total available Fund (1+2+3+4)	Expenditure incurred	Closing Balances (S-6)
1	2	3	4			5	6	7
			Sanction No. (i)	PAO Ref. No.	Date (ii)	Amount (iii)		
14,05,940.68			0.00			14,05,940.68	12,29,669.00	1,76,271.68

Details of Grant position at the end of the year

- (i) Cash in Hand/Bank **INR 1,76,271.68/-**
- (ii) Unadjusted Advances **NIL**
- (iii) Total **INR 1,76,271.68/-**

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned.

- (i) The main accounts and the other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing Instructions (mentioned the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/Standing Instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The expenditure on various components of the scheme was in proportions authorised as per the scheme guidelines and terms and conditions of the grants-in-aid.

- (vi) It has been ensured that the physical and financial performance under the scheme **Space Sciences (2792)** has been according to the requirements as prescribed in the guidelines issued by Govt. of India and the performance /targets achieved statement for the year to which the utilisation of the fund resulted in outcomes given at **Reports submitted to the Programme Office.**
- (vii) The utilization of the fund resulted in outcomes given at Reports duly forwarded to respective programme Office (to be formulated by the Department concerned as per their requirements/specifications).
- (viii) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed in **Annexure.**
- (ix) It is certified that for the same purpose we have not received any grant from the other Ministry/Department or any other Private Body.

*Dr. L. B. Menon*  
*12/08 (CPI)*

Date: 08/08/2022

Place: Goa University

Signature

Name

Chief Finance Officer (Head of the Finance)

Seal

Finance Officer  
Goa University  
Taleigao Plateau,  
Goa - 403 206

Signature

Name

Head of the Organisation

Seal

Registrar  
Goa University  
Taleigao Plateau,  
Goa - 403 206

भारत सरकार  
अंतरिक्ष विभाग  
विक्रम साराभाई अंतरिक्ष केन्द्र  
तिरुवनन्तपुरम-695 022  
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फैक्स : (0471) 2706535  
Mob: +91 9446980533  
Website: http://SPL.GOV.IN



4499  
Government of India  
Department of Space  
Vikram Sarabhai Space Centre  
Thiruvananthapuram-695 022  
Kerala, INDIA  
Telephone : (0471) 2562404  
Fax : (0471) 2706535  
Mob: +91 9446980533  
e-mail: s\_sureshababu@vssc.gov.in

## अन्तरिक्ष भौतिकी प्रयोगशाला SPACE PHYSICS LABORATORY

डॉ. एस सुरेश बाबू/Dr. S Suresh Babu  
प्रधान, एटीआरएफ /Head, ATRF

SPL/IGBP-NOBLE/GU/2022/1

08 March, 2022

The Registrar  
Goa University  
Goa - 403206

Dear Sir,

Sub: Regarding IGBP-NOBLE Project fund for the year 2021-22

This is regarding the utilization of the fund made available to your institute for the IGBP-NOBLE Project activities for which Prof. Harilal B. Menon, Vice Chancellor, Goa University, Goa is the Principal Investigator (PI). As per the utilization certificate received from you, the unspent amount available at your institute as on 31 March, 2021 is Rs. 18,89,593 (Rupees eighteen lakh eighty nine thousand five hundred and ninety three only). The PI may be authorized to utilize this amount for the project related expenses (as given below) of the IGBP-NOBLE Project of ISRO at Goa University, during the financial year 2021-22.

Additionally, Rs. 2,11,000 was transferred to Goa University (A/C No. 10664493609; IFSC Code: SBIN0004311; State Bank of India; instruction given to SBI, Thumbra, Trivandrum on 04 March 2022) to meet the expenditure as per the projected requirements in the MoU. With this, the balance amount available at Goa University under the IGBP-NOBLE Project is Rs. 21,00,593.

Manpower	Travel	Capital Instruments	Consumables, Sensors, Spares, AMC, Tower maintenance, Contingency	Institutional Overhead	Total INR (in Lakh)
5.00	0.50	0.00	15.00	0.5	21.00

As a mandate of the Project, PI is requested to send a copy of the data periodically to SPL for research and archival purpose.

Director, SPL may kindly approve.

With thanks and Regards,

8/3/2022  
(डॉ. एस सुरेश बाबू/Dr. S Suresh Babu)

निदेशक, एसपीएल/ Director, SPL

डॉ. राजीव/Dr. K. Rajeev  
निदेशक, एसपीएल/Director, SPL

C: 1. Prof. Harilal B. Menon, Vice Chancellor, Goa University

भारतीय अंतरिक्ष अनुसंधान संगठन

हस्ताक्षर

Indian Space Research Organisation

# GOA UNIVERSITY



## Department of Marine Sciences Utilization Certificate

29/12/2023

Project: R&D Project funded by ISRO under ISRO-GBP NOBLE Programme

Activity: R&D Project under ISRO-GBP

Expenditure Report for the period 1<sup>st</sup> April 2019 – 31<sup>st</sup> March 2020.  
Certified that installment for the period 2018-19 has been received for the work connected to R&D Project ISRO-GBP (NOBLE).

Sl. No.	Expenditure Head	Amount carry forwarded (Rs.)	Amount Received during the period (Rs.)	Expenditure during the period (Rs.)	Balance (Rs.)
1	Salaries	4,14,407.00	8,50,000.00	5,05,610.00	7,58,797.00
2	Equipment	2,06,693.68	16,55,684.76*	6,17,534.76	12,44,843.68*
3	Travel/Contingency	3,01,076.00	50,000.00	18,284.00	3,32,792.00
4	Overhead charges	1,50,000.00	50,000.00	2,00,000.00	NIL
5	<b>Grand Total</b>	<b>10,72,176.68*</b>	<b>26,05,684.76*</b>	<b>13,41,428.76</b>	<b>23,36,432.68*</b>

The expenditure as above has been utilized as per the rules and procedure governing the grants from the funding agency and has been properly accounted in the books of account. The relevant records are retained in this organization and are audited/subjected to audit by our auditors.

\*Includes the amount of Rs. Rs. 6,05,684.76 transferred from ISRO-GBP ARFI programme (B. H. A-38 (6)) to ISRO-GBP NOBLE programme under sub budget heads A-38 (7) (2) of Goa University.

A handwritten signature in blue ink, appearing to read 'Harish B. Menon'.

Principal Investigator

A handwritten signature in blue ink, appearing to read 'R. S. S. S. S.'.  
**Finance Officer**  
**Goa University**  
**Taleigao Plateau**  
**Goa-403 206**A handwritten signature in blue ink, appearing to read 'R. S. S. S. S.'.  
**Registrar**  
**REGISTRAR**  
**Goa University**  
**Taleigao Plateau-Goa.**

**GFR 12 – A**  
**(See Rule 238(1))**  
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**FOR GRANTEE ORGANISATION**

UTILISATION FOR THE YEAR 1<sup>st</sup> April 2019 – 31<sup>st</sup> March 2020 in respect of GRANTS IN AID Released by Department of Space

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3. Name & Address of the institution School of Earth Ocean and Atmospheric Sciences, Goa University, University P.O., Pin: 403206, Goa, India
4. Name of the Scheme **Space Sciences (2792)**
5. Whether recurring or no recurring grants Non-recurring
6. Grants position at the beginning of the Financial year
  - (i) Cash in Hand/Bank 10,72,176.68/-
  - (ii) Unadjusted advances NIL
  - (iii) Total 10,72,176.68/-
7. Details of grants received, expenditure incurred and closing balances (Actuals) Rs. Cr.

Unspent Balances of grants received years (Figure as Sl. No 3(iii))	Interest earned thereon	Interest deposited back to the Government	Grant received during the year			Total available Fund (1+2+3+4)	Expenditure incurred	Closing Balances (S-6)
1	2	3	4			5	6	7
			Sanction No. (i)	PAO Ref. No.	Date (ii)	Amount (iii)		
10,72,176.68			20,00,000.00			36,77,861.44*	13,41,428.76	23,36,432.68*

\* Total available funds include Rs. 6,05,684.76 transferred from ISRO-GBP ARFI programme (B. H. A-38 (6)) to ISRO-GBP NOBLE programme (B. H. A-38 (7)) of Goa University.

Details of Grant position at the end of the year

- (i) Cash in Hand/Bank 23,36,432.68/-
- (ii) Unadjusted Advances NIL
- (iii) Total 23,36,432.68/-

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned.

- (i) The main accounts and the other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing Instructions (mentioned the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
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- (ix) It is certified that for the same purpose we have not received any grant from the other Ministry/Department or any other Private Body.

Date: 29/12/2023

Place: Goa University

Signature

Name.....**MILIND SHIVOLKAR**

Chief Finance Officer (Head of the Finance)

Seal

**Finance Officer**  
**Goa University**  
**Taleigao Plateau**  
**Goa-403 206**

Signature

Name.....**RAMESH V. PAI**

Head of the Organisation

Seal

**REGISTRAR**  
**Goa University**  
**Taleigao Plateau-Goa.**