

c/48

GFR 12 – A
[[See Rule 238 (1)]]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-2024
in respect of *RECURRING*
as on 31st March 2024 to be submitted to SERB
Is the UC Audited (*Provisional/Audited*)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : **GOA University**
2. Name of Principal Investigator(PI) **Dr. Bidhan Audumbar Shinkre**
3. SERB Sanction order no. & date **SUR/2022/001417** dated 25 October 2023
4. Title of the Project: **Synthesis and biological evaluation of ketopiperazine-based fused heterocycles as promising pharmaceutical agents**
5. Name of the SERB Scheme : **DST-SERB-SURE**
6. Whether recurring or non-recurring grants : **RECURRING**
7. Grants position at the beginning of the Financial year
 - (i) Carry forward from previous financial year : **NIL**
 - (ii) Others, If any : **NIL**
 - (iii) **Total** : **NIL**

8. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balance of Grants received previous years [figure as at Sl. No. 7(iii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
NIL	NIL	NIL	SERB/F/7842/2023-2024	20/10/2023	Rs. 8,06,000/-	Rs. 8,06,000/-	Rs. 1,53,723/-	Rs. 6,52,277/-

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Rs. 1,53,723/-	NIL	Rs. 1,53,723/-

Details of grants position at the end of the year

- (i) Balance available at end of financial year : **Rs. 6,52,277/-**
- (ii) Unspent balance refunded to SERB (If any) : **Carried Forward for next Financial Year**
- (iii) Balance (Carried forward to next financial year) if applicable : **Rs. 6,52,277/-**

C/36

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-2024
in respect of RECURRING
as on 31st March 2024 to be submitted to SERB
Is the UC Audited (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

Certified that I have satisfied 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 other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention 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 benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under **DST-SERB-SURE** (Name of the scheme 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 utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: **26/04/2024**

Place: **Taleigao Goa**

<p>Signature of PI :</p> <p><i>D. B. Dhan A. Shinkhe</i></p>	<p>Signature with Seal :</p> <p>Name: <u>Ms. Vanita M. Patil Gaude</u></p> <p>Finance Officer (Head of Finance)</p> <p>Finance Officer Goa University Taleigao Plateau, Goa - 403 206</p>	<p>Signature with Seal :</p> <p>Name: <u>Prof. Vishnu S. Nadkarni</u></p> <p>Registrar Goa University</p> <p>Registrar Goa University Taleigao Plateau, Goa - 403 206</p>
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(Strike out inapplicable terms)

4/46

GFR 12 – A
[[See Rule 238 (1)]]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-2024
in respect of NON-RECURRING
as on 31st March 2024 to be submitted to SERB
Is the UC Audited (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : **GOA University**
2. Name of Principal Investigator(PI): **Dr. Bidhan Audumbar Shinkre**
3. SERB Sanction order no. & date **SUR/2022/001417** dated 25 October 2023
4. Title of the Project: **Synthesis and biological evaluation of ketopiperazine-based fused heterocycles as promising pharmaceutical agents**
5. Name of the SERB Scheme : **DST-SERB-SURE**
6. Whether recurring or non-recurring grants : **NON-RECURRING**
7. Grants position at the beginning of the Financial year

- (i) Carry forward from previous financial year : **NIL**
- (ii) Others, If any : **NIL**
- (iii) **Total** : **NIL**

8. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balance of Grants received previous years [figure as at Sl. No. 7(iii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
NIL	NIL	NIL	SERB/F/7841/2023-2024	20/10/2023	Rs. 5,00,000/-	Rs. 5,00,000/-	NIL	Rs. 5,00,000/-

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
NIL	NIL	NIL

Details of grants position at the end of the year

- (i) Balance available at end of financial year : **Rs. 5,00,000/-**
- (ii) Unspent balance refunded to SERB (If any) : **Carried Forward for next Financial Year**
- (iii) Balance (Carried forward to next financial year) if applicable : **Rs. 5,00,000/-**

4/32

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-2024
in respect of NON-RECURRING
as on 31st March 2024 to be submitted to SERB
Is the UC Audited (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

Certified that I have satisfied 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 other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention 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 benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under **DST-SERB-SURE** (Name of the scheme 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 utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: **26/04/2024**

Place: **Taleigao Goa**

<p>Signature of PI :</p> <p><i>Dr. Bidhan A. Shinkre</i></p>	<p>Signature with Seal :</p> <p>Name: Ms. Vanita M. Patil Gaude</p> <p>Finance Officer (Head of Finance)</p> <p>Finance Officer</p> <p>Goa University</p> <p>Taleigao Plateau,</p> <p>Goa - 403 206</p>	<p><i>Prof. Vishnu S. Nadkarni</i></p> <p>30/05/24</p> <p>Signature with Seal.....</p> <p>Name: Prof. Vishnu S. Nadkarni</p> <p>Registrar, Goa University</p> <p>Registrar</p> <p>Goa University</p> <p>Taleigao Plateau,</p> <p>Goa - 403 206</p>
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(Strike out inapplicable terms)

FILE NO. SUR/2022/001417
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 25 October, 2023

ORDER

Subject: Financial Sanction of the research project titled **Synthesis and biological evaluation of ketopiperazine-based fused heterocycles as promising pharmaceutical agents** under the guidance of Dr. Bidhan Audumbar Shinkre, School of Chemical Sciences, Goa University, Taleigao, North goa, Goa-403206 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 2917200/-** (Rs. Twenty Nine Lakh Seventeen Thousand Two Hundred Only) with break-up of **Rs. 500000/- under Capital (Non-recurring) head** and **Rs. 2417200/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2917200/-** has been approved are given below:

The following budget may be considered for **Goa University, Taleigao Plateau**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Hot air oven -> Desktop PC -> Refrigerator -> High vacuum pumps -> Rotavapor	500000
A'	Total (Non-Recurring)	500000
B	Recurring Items	
1	Recurring - I : (Research Personnel -> Project Associate-I) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	972000 1180000 0
2	Recurring - IV : (Overhead Charges)	265200
B'	Total (Recurring)	2417200
C	Total cost of the project (A' + B')	2917200

- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 90,000 each should be spent for travel and contingency.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

7. The institute will furnish to the SERB, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

8. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

9. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project

10. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

11. The project File no. SUR/2022/001417 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

12. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

Rahr

(Dr. V Ramesh)

ms_pac_sure@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Bidhan Audumbar Shinkre School of Chemical Sciences Goa University, Taleigao, North goa, Goa-403206 Email: bidhan.shinkre@unigoa.ac.in Mobile: 919689921846 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Goa University, Taleigao Plateau (Receipt of Grant may be intimated by name to the undersigned)

Rahr

(Dr. V Ramesh)

ms_pac_sure@serbonline.in

FILE NO. SUR/2022/001417-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016


Dated: 25 October, 2023

ORDER

Subject: Research project entitled **Synthesis and biological evaluation of ketopiperazine-based fused heterocycles as promising pharmaceutical agents** under the guidance of Dr. Bidhan Audumbar Shinkre, School of Chemical Sciences, Goa University, Taleigao, North Goa, Goa-403206.

1. In continuation of SERB's sanction order No. SUR/2022/001417 dated 25 October, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 806000/-** under 'Grants-in-aid General' to Goa University, Taleigao, North Goa, Goa-403206 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 25 October, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **State University Research Excellence (SERB SURE) (General) (PAC SERB SURE)**.
5. The Sanction has been issued with the approval of the competent authority on **19 October, 2023** and vide Diary No. **SERB/F/7842/2023-2024** dated **20 October, 2023..**
6. The release amount of **Rs. 806000/-** (Rupees Eight Lakh Six Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	unigoa
Account Name	Goa University
Account Number	10664493609
Bank Name & Branch	State Bank of India State Bank of India University Branch Goa University Complex Taleigao Plateau, 403206
IFSC/RTGS Code	SBIN0004311
Email id of A/C Holder	registrar@unigoa.ac.in
Email id of PI	bidhan.shinkre@unigoa.ac.in


(Dr. V Ramesh)
ms_pac_sure@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.

3.	File Copy
4.	Dr. Bidhan Audumbar Shinkre School of Chemical Sciences Goa University , Taleigao, North goa, Goa-403206 Email: bidhan.shinkre@unigoa.ac.in Mobile: 919689921846 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Goa University, Taleigao Plateau (Receipt of Grant may be intimated by name to the undersigned)

(Dr. V Ramesh)
 ms_pac_sure@serbonline.in

FILE NO. SUR/2022/001417-C
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 25 October, 2023

ORDER

Subject: Research project entitled **Synthesis and biological evaluation of ketopiperazine-based fused heterocycles as promising pharmaceutical agents** under the guidance of Dr. Bidhan Audumbar Shinkre, School of Chemical Sciences, Goa University, Taleigao, North Goa, Goa-403206.

1. In continuation of SERB's sanction order No. SUR/2022/001417 dated 25 October, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 500000/-** under 'Grants-in-aid Capital' to Goa University, Taleigao, North Goa, Goa-403206 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 25 October, 2023.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **State University Research Excellence (SERB SURE) (Capital) (PAC SERB SURE)**.
5. The Sanction has been issued with the approval of the competent authority on **19 October, 2023** and vide Diary No. **SERB/F/7841/2023-2024** dated **20 October, 2023**.
6. The release amount of **Rs. 500000/-** (Rupees Five Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	unigoa
Account Name	Goa University
Account Number	10664493609
Bank Name & Branch	State Bank of India State Bank of India University Branch Goa University Complex Taleigao Plateau, 403206
IFSC/RTGS Code	SBIN0004311
Email id of A/C Holder	registrar@unigoa.ac.in
Email id of PI	bidhan.shinkre@unigoa.ac.in

Ramesh

(Dr. V Ramesh)
ms_pac_sure@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.

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4.	Dr. Bidhan Audumbar Shinkre School of Chemical Sciences Goa University , Taleigao, North goa, Goa-403206 Email: bidhan.shinkre@unigoa.ac.in Mobile: 919689921846 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Goa University, Taleigao Plateau (Receipt of Grant may be intimated by name to the undersigned)

(Dr. V Ramesh)
 ms_pac_sure@serbonline.in