

Audited Statement of Expenditure (Audited SoE)

1. Name of the PI with designation, mobile no. and e-mail id: Dr. Md. Maidul Islam, Assistant Professor, Aliah University, 9264666481, madulaliah@gmail.com
2. Title of the R&D Project: Bioactivity of Food Additive Rhodamine B and its Derivatives: Antimicrobial and DNA Binding Activity.
3. Name and postal address of the Institute: Department of Chemistry, Aliah University, Action Area IIA/27, New Town, Kolkata -700160.
4. First Sanctioned G. O. No. and date: 756 (Sanc.)/ST/P/S&T/9G-34/2013 date 27/11/2014
5. Date of Commencement of the Project:..... 01/09/2015.....
6. Total Duration of the Project: One year/ Two year/ Three year : Three year
7. Last Sanctioned G. O. No. and date (for which the Audited SoE is given):. 1257 (Sanc.)/ST/P/S&T/9G-34/2013 Date: 27/09/2019
8. Reporting Year of this Audited SoE: 1st year/ 2nd year/ 3rd year: 3rd year.....

Sl No	Sanctioned Heads as per Budget	Amount allotted as per Sanctioned Budget (A)	Expenditure made during the reporting year (B)	Unspent Balance (C)	Remarks, if any
1.	Manpower costs	218052	170348	47704	The fellowship was for SRF but my fellow is JRF
2.	Consumables	99891	99841	50	
3.	Travel	10000		10000	
	Total	327943	270189	57754	

Certified that we have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by DSTBT

Md Maidul Islam
Dr. Md Maidul Islam
 (MSC, M Tech. PhD)
 Assistant Professor
 Department of Chemistry
 ALIAH UNIVERSITY
 Kolkata - 700 091

[Signature]
Registrar
ALIAH UNIVERSITY
 Name & Signature
 of Head of the Institution
 with Official Seal

[Signature]
S.N. CHAKRABARTY & CO.
 Chartered Accountants
 ARN-309080E
 Kolkata-700017
 Name & Signature
 of Chartered Accountant
 with Official Seal

SAURINDRA NATH CHAKRABARTY
 M/No-016230

(IMPORTANT: Audited SoE must be completed in one single A4 page and not to split into more than one page)

2021/4/11 00:03

Utilisation Certificate (UC) in respect of Grant-In-Aid

No.

Date: 02/02/2021

1. Name of the Grantee Institute (s) : ALIAH UNIVERSITY
[Attach separate list for more than one Grantee Institution]
2. Sanctioning Authority : Science & Technology and Biotechnology
3. Sanction Order Number & Date : 1257 (Sanc.)/ST/P/S&T/9G-34/2013 Date: 27/09/2019
4. Amount Sanctioned: 3,27,943 (Three Lakh Twenty Seven Thousand Nine Hundred and Forty Three Only)
5. Drawing & Disbursing Officer : Registrar, Science & Technology and Biotechnology Dept.
6. Treasury/PAO : Pay and Account Officer III, PAO-III
[From where the bill was drawn]
7. Bill No. & Date :
8. T. V. No. & Date :
9. Amount Drawn : 3,27,943 (Three Lakh Twenty Seven Thousand Nine Hundred and Forty Three Only)
10. Unspent Balance of Previous year, if any: 6,457 (Six Thousand Four Hundred and Fifty Seven Only)
11. Amount Utilised :2,70,189 /-
12. Unspent Balance, if any, in Current year :57754 /-
13. Purpose of Utilization : Bioactivity of Food Additive Rhodamine B and its Derivatives: Antimicrobial and DNA Binding Study.

CERTIFICATE

Certified that I have satisfied myself that the conditions on which the Grant-in-Aid was sanctioned have been duly fulfilled/are being fulfilled that I have exercised the following checks to see that the money was actually utilised for the purpose for which was sanctioned.

[Applicable in case of unspent balance] The unspent fund will be adjusted against the Grant-in-Aid to be sanctioned and paid in the Current Financial Year (applicable in case of recurring grant only).

Kinds of checks exercised

1. Cash Book
2. Ledger
3.
4.
5.


 Registrar
 Aliah University
 New Town, Kolkata-700 160

Date: 02/02/2021

Signature with Official Stamp

(IMPORTANT: UC must be completed in one single A4 page and not to split into more than one page)

T.R.FORM NO.-7

[See sub-rule (2)(b) of T.R.3.06]

Challan for Deposit of money in the account of GOVERNMENT OF WEST BENGAL

1. Name of the Bank & Branch: **SBI Bikash Bhavan Goc branch**

2. (a). Name of the Treasury: **Pay and Account Office III, PAO-III**

(b). Treasury Code:

C	A	F
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3. Account Code:

3	4	2	5	6	0	2	0	0	0	1	0	7	0
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(14- Digits must be filled up properly)

4. Detail Head of Account:

5. (a) Amount : Rs. **57754/-**

(b) In Words: Rupees: **Fifty Seven Thousand Seven Hundred and Fifty Four Only**

6. By whom tendered – Name & Address: **Dr. Syeed Nurus Salam, Registrar, Aliah University, Action Area IIA/27, New Town, Kolkata 700160**

7. Name / Designation & Address of the Departmental Officer on whose behalf / favour money is paid:

Pulak Kumar Mandal, Finance Officer, Aliah University, Action Area IIA/27, New Town, Kolkata 700160

8. (a) Particulars & Authority of Deposit: Refund of unspent balance of the DST&B (Govt. of West Bengal) sponsored research project under Dr. Md. Maidul Islam, Department of Chemistry, Aliah University, Kolkata 700160, W.B.

¹ * (b) T.V. No. & Date of A.C. Bill:

9. Accounts Officer by whom adjustable: **Accountant General (A&E), West Bengal.**

Challan No. 3125/1 Dt. 24.3.21

Verified

[Signature]
Finance Officer

Signature of Departmental / Treasury Officer

[Signature]
08/4/21
Senior Accounts Officer
Kolkata Pay and Accounts Office-III

[Signature]
Depositor's Signature

Dr. Md. Maidul Islam
ASSISTANT PROFESSOR
Department of Chemistry
ALIAH UNIVERSITY

Date:

Treasury Receipted Challan No.

Received payment.

Bank Scroll Serial No.

Receipt by Bank / Treasury

Signature with seal of the Bank.

Date:



¹ * In respect of Challan relating to refund of unspent amount of A.C. Bill

Government of West Bengal
Department of Science & Technology and Biotechnology
Vigyan Chetana Bhavan, Salt Lake, Kolkata – 700064

Project Completion Certificate

Memo No. : 1618/ST/P/S&T/9G-16/2013

Date: 03/01/2023

This is to certify that the R&D Project titled “Design and Syntheses of Host for Trapping Carcinogenic Ions and Molecular Guest” sponsored by the Department of Science & Technology and Biotechnology, Government of West Bengal has successfully completed on 23/09/2021 by PI: Dr. Md. Akhtarul Alam, Assistant Professor, Department of Chemistry, Aliah University.



Amiya Kumar Kalidaha
Senior Scientific Officer and
Convener, R&D Expert Committee on Chemical Sciences

Audited Statement of Expenditure (Audited SoE)

- Name of the PI with designation, mobile no. and e-mail id:** Dr. Md. Akhtarul Alam,
Associate Professor, Aliah University, 8240768561, alam_iitg@yahoo.com
- Title of the R&D Project:** 2
- Name and postal address of the Institute:** Department of Chemistry, Aliah University,
Action Area IIA/27, New Town, Kolkata -700160.
- First Sanctioned G. O. No. and date:** 376(Sanc.)/ST/P/S&T /9G-16/2013 Date:
21.07.2014. DST (Govt. W.B.)
- Date of Commencement of the Project:**..... 01/04/2015.....
- Total Duration of the Project: One year/ Two year/ Three year :** Three year
- Last Sanctioned G. O. No. and date (for which the Audited SoE is given):**...1256(Sanc.)/ST/P/S&T/9G-16/2013 Date 27/09/2019
- Reporting Year of this Audited SoE: 1st year/ 2nd year/ 3rd year:** 3rd year.....

Sl No	Sanctioned Heads as per Budget	Amount allotted as per Sanctioned Budget (A)	Expenditure made during the reporting year (B)	Unspent Balance (C)	Remarks, if any
1.	Manpower costs	2,24,400/-	2,24,400/-	0.00/-	
2.	Consumables	1,20,000/-	1,20,000/-	0.00/-	
3.	Travel	20,000/-		20,000/-	Due to Covid-19 pandemic couldn't attained any seminar/Conference
4.	Contingent expenditures	4,600/-	4,600/-	0.00/-	
	Total	3,69,000/-	3,49,000/-	20,000/-	

Certified that we have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by DSTBT



M/NO-016230

Name & Signature of Chartered Accountant with Official Seal.

Audited Statement of Expenditure (Audited SoE)

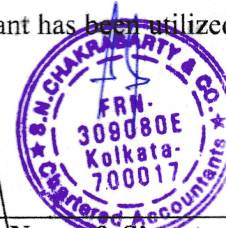
- Name of the PI with designation, mobile no. and e-mail id:** Dr. Md. Akhtarul Alam, Associate Professor, Aliah University, 8240768561, alam_iitg@yahoo.com
- Title of the R&D Project:** 2
- Name and postal address of the Institute:** Department of Chemistry, Aliah University, Action Area IIA/27, New Town, Kolkata -700160.
- First Sanctioned G. O. No. and date:** 376(Sanc.)/ST/P/S&T /9G-16/2013 Date: 21.07.2014. DST (Govt. W.B.)
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	Total	3,69,000/-	3,49,000/-	20,000/-	

Certified that we have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by DSTBT

Md. Akhtarul Alam
(Dr. Md. Akhtarul Alam)

Registered
Aliah University
New Town, Kolkata-700 160



Md. Akhtarul Alam
Name & Signature
of Associate Professor
Aliah University
Dept. of Chemistry
Kolkata-700160

Name & Signature
of Head of the Institution
with Official Seal

Name & Signature
of Chartered Accountant
with Official Seal

(IMPORTANT: Audited SoE must be completed in one single A4 page and not to split into more than one page)

T.R.FORM NO.-7

[See sub-rule (2)(b) of T.R.3.06]

Challan for Deposit of money in the account of GOVERNMENT OF WEST BENGAL

1. Name of the Bank & Branch: **SBI Bikash Bhavan Goc branch**

2. (a). Name of the Treasury: **Pay and Account Office III, PAO-III**

(b). Treasury Code:

C	A	F
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3. Account Code:

3	4	2	5	6	0	2	0	0	0	1	0	7	0
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(14- Digits must be filled up properly)

4. Detail Head of Account:

5. (a) Amount : Rs.

20,000 /-

(b) In Words: Rupees: **Twenty Thousand Only**

6. By whom tendered – Name & Address: **Dr. Syeed Nurus-Salam, Registrar, Aliah University, Action Area IIA/27, New Town, Kolkata 700160**

7. Name / Designation & Address of the Departmental Officer on whose behalf/ favour money is paid:

Pulak Kumar Mandal, Finance Officer, Aliah University, Action Area IIA/27, New Town, Kolkata 700160

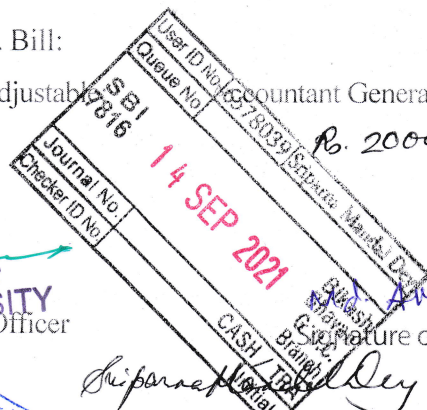
8. (a) Particulars & Authority of Deposit: Refund of unspent balance of the DST&B (Govt. of West Bengal) sponsored research project under Dr. Md. Akhtarul Alam. Department of Chemistry, Aliah University, Kolkata 700160, W.B.

¹ * (b) T.V. No. & Date of A.C. Bill:

9. Accounts Officer by whom adjustable: **Accountant General (A&E), West Bengal.**

Verified

Signature of **Finance Officer** **ALIAH UNIVERSITY** / Treasury Officer



Signature of Principal Investigator

Date:

Treasury Received Challan No. **Challan No. 3425/1**

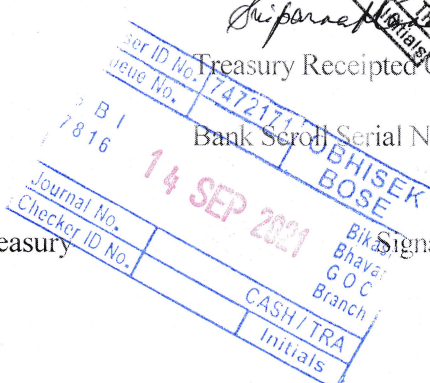
Received payment.

Bank Serial No. **Bo 16/9/21**

Receipt by Bank / Treasury

Signature with seal of the Bank. **date - 14/9/21**

Date:



Verified
Administrative Accounts Officer,
Kolkata Pay & Accounts Office-III
Finance (Audit) Deptt., Govt. of W.B.
Subhanna, DF Block, Sector-1
Bidhannagar, Kolkata-700064

¹ * In respect of Challan relating to refund of unspent amount of A.C. Bill

GFR12-A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
in respect of *RECURRING*
as on 31.03.2024 to be submitted to SERB
Is the UC *Provisional (Provisional/Audited)*
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : Aliah University
2. Name of Principal Investigator(PI) : Dr. Md. Hedayetullah Mir
3. SERB Sanction order no. & date : CRG/2022/001842 Dated 19.12.2022
4. Title of the Project : **Hopping MOFs: Development of Photoactive Metal-Organic Frameworks (MOFs) for the Fabrication of Next Generation Smart Materials**
5. Name of the SERB Scheme : CRG
6. Whether recurring or non-recurring grants : **RECURRING**
7. Grants position at the beginning of the Financial year 2023-24 : NIL
 - (i) Carry forward from previous financial year (Rs) : 544305/-
 - (ii) Others, If any : NA
 - (iii) **Total (Rs)** : **Rs. 544305/-**

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

Unspent Balance of Grants received previous years (Rs) [figure as at Sl. No. 7(iii)]	Interest Earned Thereon (Rs)	Interest deposited back to the SERB (Rs)	Grants received during the year 2022-23(Rs)			Total Available funds (1+2-3+4) (Rs)	Expenditure Incurred (Rs)	Closing Balances (5-6) (Rs)
			Sanction No. (i)	Date (ii)	Amount (Rs) (iii)			
1	2	3	4			5	6	7
544305	7545	NA	NA	NA	NA	551850	518230	33620

Component wise utilization of grants:

Grants-in-aid- General (Rs)	Grant-in-aid-creation for capital assets (Rs)	Total (Rs)
518230	NA	518230

Details of grants position at the end of the year

- (i) Balance available at end of financial year : Rs. 33620/-
- (ii) Unspent balance refunded to SERB (If any) : NA
- (iii) Balance (Carried forward to next financial year) if applicable : **Rs. 33620/-**


GFR12-A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
 in respect of **RECURRING**
 as on 31.03.2024 to be submitted to SERB
 Is the UC **Provisional** (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 **CRG** (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: 06.05.2024

Place: Kolkata

<p style="font-size: small;">Md. Hedayetullah Mir Signature of PI : 06.05.2024</p> <p style="text-align: center;">Assistant Professor Department of Chemistry Aliah University, Kolkata</p>	<p style="text-align: center;">  Finance Officer ALIAH UNIVERSITY Signature with Seal..... Name: Chief Finance Officer (Head of Finance)</p>	<p style="text-align: center;">  07/05/24 Registrar (Officiating) Aliah University Signature with Seal..... New Town, Kolkata Head of Organisation</p>
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 06/05/24

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : CRG/2022/001842 Dated 19.12.2022
2. Name of the PI : Dr. Md. Hedayetullah Mir
3. Total Project Cost : Rs. 28,74,696/-
4. Revised Project Cost : NA
(if applicable)
5. Date of Commencement : 23.12.2022
6. Statement of Expenditure : 31.03.2024

(Month wise expenditure incurred during current financial year 2023-24)

Month & year	Expenditure incurred/ committed (Rs.)
April 2023	
May 2023	76000
June 2023	63180
July 2023	
August 2023	93333
September 2023	
October 2023	241910
November 2023	40533
December 2023	
January 2024	
February 2024	139720
March 2024	26984
Total	681660

1. Grant received in each year:
 - a. 1st Year : Rs. 13,05100/-
 - b. 2nd Year : NIL
 - c. 3rd Year : NA
 - d. Interest, if any : Rs. 28,568/- (for 1st year Rs. 8,672/- and for 2nd year Rs. 19,896/-)
 - e. Total (a + b + c + d) : Rs. 13,33,668/-

Statement of Expenditure

(to be submitted financial year wise i.e. DOS* to 31st March of that financial year say 20XX, 01-04-20XX till 31.03.20XX+1 year and so on)


Sr No	Sanctioned Heads	Total Funds Allocated (indicate sanctioned or revised)	Expenditure Incurred			Total Expenditure till 31.03.2024 (VII = IV + V + VI)	Balance as on (31.03.2024) VIII = III - VII	Requirement of Funds upto 31 st March 2025	Remarks (if any)
			1 st Year (23.12.2022 to 31 st March 2023)	2 nd Year (1 st April 2023 to 31 st March 2024)	3 rd Year & So on (1 st April to 31 st March next year)				
(I)	(II)	(III)	(IV)	(V)	(VI)				
1.	Manpower costs	1443360	47806	357200		405006	1038354	570000	Fellowship is due from January 2024
2.	Consumables	500000	101023	111030		212053	287947	200000	
3.	Travel	60000	-	-		-	60000	30000	
4.	Contingencies	90000	30000	50000		80000	10000	10000	
5.	Others, if any	20000	-	-		-	20000	20000	
6.	Equipment	500000	-	163430		163430	336570	336570	Procurement is under process
7.	Overhead expenses	261336	87200	-		87200	174136	174136	
8.	Total	2874696	266029	681660		947689	1927007	1340706	

Md. Hedayetullah Mir
(DR MD HEDAYETULLAH MIR)
Name and Signature of Principal Investigator:

Date: 06.05.2024



Assistar' Professor
Department of Chemistry
Aliah University, Kolkata


 Finance Officer
ALIAH UNIVERSITY
 Signature of Competent financial authority: _____
 (with seal) Date: _____

* DOS – Date of Start of project

Note:

- Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VIII) should not exceed corresponding figures in Column (III)
- Utilization Certificate (Annexure III) for each financial year ending 31st March has to be enclosed along with request for carry-forward permission to the next financial year.

Handwritten signature/initials

GFR12-A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
in respect of *NON-RECURRING*
as on 31.03.2024 to be submitted to SERB
Is the UC *Provisional (Provisional/Audited)*
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : Aliah University
2. Name of Principal Investigator(PI) : Dr. Md. Hedayetullah Mir
3. SERB Sanction order no. & date : CRG/2022/001842 Dated 19.12.2022
4. Title of the Project : **Hopping MOFs: Development of Photoactive Metal-Organic Frameworks (MOFs) for the Fabrication of Next Generation Smart Materials**
5. Name of the SERB Scheme : CRG
6. Whether recurring or non-recurring grants : **NON-RECURRING**
7. Grants position at the beginning of the Financial year 2023-24: NA
 - (i) Carry forward from previous financial year : Rs. 503438/-
 - (ii) Others, If any (Interest) : NA
 - (iii) **Total** : **Rs. 503438/-**

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

Unspent Balance of Grants received (Rs.) previous years [figure as at Sl. No. 7(iii)]	Interest Earned Thereon (Rs.)	Interest deposited back to the SERB (Rs.)	Grants received during the year 2023-24 (Rs.)			Total Available funds (1+2-3+4) (Rs.)	Expenditure Incurred (Rs.)	Closing Balances (Rs.) (5-6)
			Sanction No. (i)	Date (ii)	Amount (Rs.) (iii)			
1	2	3	4			5	6	7
503438	12351	NA	NA	NA	NA	515789	163430	352359

Component wise utilization of grants:

Grants-in-aid- General (Rs.)	Grant-in-aid-creation for capital assets (Rs.)	Total (Rs.)
NA	163430	163430

Details of grants position at the end of the year

- (i) Balance available at end of financial year : Rs. 352359/-
- (ii) Unspent balance refunded to SERB (If any) : NA
- (iii) Balance (Carried forward to next financial year) if applicable : **Rs. 352359/-**

GFR12-A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
in respect of NON-RECURRING
as on 31.03.2024 to be submitted to SERB
Is the UC Provisional (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.
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- (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 **CRG** (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.)
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Date: 06.05.2024

Place: Kolkata

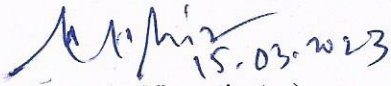
<p style="font-size: small;">Signature of PI :</p> <p style="font-size: small;">Assistant Professor Department of Chemistry Aliah University, Kolkata</p> <p style="font-size: x-small;">(Strike out inapplicable terms)</p>	<p style="text-align: center;"> Finance Officer ALIAH UNIVERSITY</p> <p style="font-size: small;">Signature with Seal :</p> <p style="font-size: small;">Name:</p> <p style="font-size: small;">Chief Finance Officer (Head of Finance)</p>	<p style="text-align: center;"> Registrar (Officiating) Aliah University New Town, Kolkata</p> <p style="font-size: small;">Signature with Seal :</p> <p style="font-size: small;">Name:</p> <p style="font-size: small;">Head of Organisation</p>
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(Strike out inapplicable terms)

Finance Officer
 ALIAH UNIVERSITY

UTILISATION CERTIFICATE

Certified That out of **Rs. 45,000/-** of grants-in-aid sanctioned during the year 2022-23 in favour of PI **Dr. Md Hedayetullah Mir** under UGC-DAE Consotrium of Scientific Research letter/Order No. **CRS/2021-22/02/538** dated **30-03-2022** and Rs. NIL on account of unspent balance of the previous year, a sum of Rs. NIL has been utilised for the purpose of execution of the project for which it was sanctioned and that the balance of Rs. NIL remainig unutilised at the end of the year has been surrendered to the UGC-DAE Consotrium of Scientific Research (Vide DD No Nil Dated Nil) will be adjusted towards the grants-in-aid payable during the next year i.e.2023-24.


(Principal Investigator)


Finance Officer
Finance Officer
ALIAH UNIVERSITY
Date :


Signature of the Head of the
Registrar
ALIAH UNIVERSITY
Date :



Date
Assistant Professor
Department of Chemistry
Aliah University, Kolkata

(To be filled by UGC-DAE CSR)

Certified that I have satisfied that the conditions on which the grants-in-aid ws sanctioned have been fulfilled/are being fuilfilled and that I have excercised the following checks to see that the money was actually utilised for the purpose for which it


Kinds of Checks exercised.

- 1
- 2
- 3
- 4
- 5

Signature : _____

Designation: _____


Date : _____


Date 15/3/23

UTILISATION CERTIFICATE
FOR THE FINANCIAL YEAR 2022-23

Annexure-III

- | | |
|--|--|
| 1 Title of the Project/Scheme : | Photoresponsive Metal Frameworks (MOFs) for the Fabrication of Smart Photoactuating Frameworks (MOFs) for the Fabrication of Smart Photoresponsive Metal-Organic Materials |
| 2 Name of the Institution | ALIAH UNIVERSITY |
| 3 Principal Investigator | Dr. Md Hedayetullah Mir |
| 4 UGC-DAE Consortium for Scientific Research sanction order No & date sanctioning the project | Ref: CRS/2021-22/02/538
Date: 30-03-2022 |
| 5 Head of account as given in the original sanction order | Consumable and Contingency |
| 6 Amount brought forward from the previous financial year quoting UGC-DAE Consortium for Scientific Research letter no & date in which th authority to carry forward the said amount was given | i. Amount (Rs.) NA
ii. Letter No.
iii. Date |
| 7 Amount received during the financial year | i. Amount (Rs.) 45,000.00
ii. Letter/Order No CRS/2021-22/02/538
iii. Date 31-03-2022 |
| 8 Total amount that was available for expenditure (excluding commitments) during the financial year (SI No 6+7) | Rs. 45,000.00 |
| 9 Actual expenditure (Excluding commitments) | Rs. 45,000.00 |
| 10 Balance amount available at the end of the financial year | Rs. - |
| 11 Unspent balance refunded, if any | Rs. - |
| 12 Amount to be carried forward to the next financial year | Rs. - |


15.03.2023

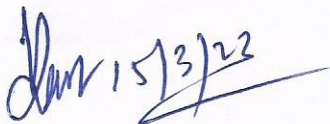
(Principal Investigator)



Assistant Professor
Department of Chemistry
Aliah University, Kolkata


15/3/23
Finance Officer
ALIAH UNIVERSITY


15/3/23
Signature of the
Head of the Institute
Registrar
ALIAH UNIVERSITY


15/3/23

**Statement of Expenditure
for the Financial Year 2022-23**

Sl No	Sanctioned Heads	Total Funds Allocated (Sanctioned)	Expenditure Incurred			Total Expenditure till _____	Balance as on _____	Remarks (If any)
			1st Year	2nd Year	3rd Year			
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII=IV+V+VI)	(VIII=III-VII)	
1	Consumable and Contingency	45,000.00	45,000.00	-	-	45,000.00	-	
8	Total	45,000.00	45,000.00	-	-	45,000.00	-	

[Signature]
(Principal Investigator)

Date : 15.03.2023



Assistant Professor
Department of Chemistry
Aliah University, Kolkata

[Signature]
Finance Officer

Date :

ALIAH UNIVERSITY

[Signature]
Signature of the Head of the Institute

Date :

ALIAH UNIVERSITY

[Signature]
15/3/23
[Signature]

Annexure-II

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : SERB/F/6401/2019-2020 dated 07.11.2019
2. Name of the PI : Dr. Sk Md Obaidullah
3. Total Project Cost : 1830000/-
4. Revised Project Cost (if applicable) : NA
5. Date of Joining : 22.10.2019
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
March 2020	245000/- committed for Workstation purchase (tendering done, work order given)

1. Grant received in each year:
- a. 1st Year : 250000/- Research Grant and 25000/- Overhead
 - b. 2nd Year : NA
 - c. 3rd Year : NA
 - d. Interest, if any : 2930/-
 - e. Total (a + b + c + d) : 277930/-

ALAM DHARMA
LIBRARY OFFICE
YTI 09 10 10 10 10

Statement of Expenditure

(to be submitted financial year wise i.e. DOS* to 31st March of that financial year say 20XX, 01-04-20XX till 31.03.20XX+1 year and so on)

Sr No	Sanctioned Heads	Total Funds Allocated (indicate sanctioned or revised)	Expenditure Incurred			Total Expenditure till..	Balance as on (date)	Requirement of Funds upto 31 st March next year	Remarks (if any)
			1 st Year (DOS to 31 st March next year)	2 nd Year (1 st April to 31 st March next year)	3 rd Year & so on (1 st April to 31 st March next year)				
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII = IV + V + VI)	(VIII = III - VII)		
1.	Fellowship	NA	NA			NA	NA	NA	
2.	Research Grant	250000/-	0			0	250000/-	250000/-	
3	Overhead expenses	25000/-	25000/-			25000/-	0	25000/-	
4	Total	275000/-	25000/-			25000/-	250000/-	275000/-	

Dr. Sk Md Obaidullah

SK Md Obaidullah

Name and Signature of Principal Investigator:

Date: 24.06.2020

Signature of Competent financial authority (with seal):

17/06/2020
 Finance Officer
 ALIAH UNIVERSITY

* DOS – Date of Start of project

Note:

1. Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VIII) should not exceed corresponding figures in Column (III)
2. Utilization Certificate (Annexure III) for each financial year ending 31 March has to be enclosed along with request for carry-forward permission to the next financial year.

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2019-20
in respect of RECURRING
as on to be submitted to SERB
Is the UC Provisional (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : Aliah University
2. Name of Principal Investigator(PI) : Dr. Sk Md Obaidullah
3. SERB Sanction order no. & date : SERB/F/6401/2019-2020 dated 07.11.2019
4. Title of the Project : Automated writer identification/verification system from multi-script documents
5. Name of the SERB Scheme : TARE (CRG/NPDF/ECR.....etc.)
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 :
- (iii) Total :

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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
			SANCTION NO.	DATE	AMOUNT			
NIL	2930/-	NA	SERB/F/6401/2019-20	07.11.2019	275000/-	277930/-	25000/- (Overhead)	252930/-

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
25000/-		25000/-

Details of grants position at the end of the year

- (i) Balance available at end of financial year : ... 252930/-
- (ii) Unspent balance refunded to SERB (If any) : ... NA
- (iii) Balance (Carried forward to next financial year) if applicable : ... 252930/-

Principal Officer
ALIAH UNIVERSITY

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2019-20
in respect of RECURRING
as on to be submitted to SERB
Is the UC Provisional (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 TARE (CRG/NPDF/ECR.....etc.) (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: 24.06.2020

Place: Kolkata

<p style="text-align: center;"><i>SK Md Obaidullah</i></p> <p>Signature of PI :</p>	<p style="text-align: center;"><i>17/6/2020</i></p> <p style="text-align: center;">Finance Officer</p> <p>Signature with Seal Name: ALIAH UNIVERSITY Chief Finance Officer (Head of Finance)</p>	<p style="text-align: center;"><i>17/6/2020</i></p> <p style="text-align: center;">Registrar (Acting)</p> <p>Signature with Seal Name: Aliah University Head of Organisation 11A/27, New Town, KOL-156</p>
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(Strike out inapplicable terms)

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21
in respect of RECURRING
as on to be submitted to SERB
Is the UC provisional (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : Aliah University
2. Name of Principal Investigator(PI) Dr. Sk Md Obaidullah
3. SERB Sanction order no. & date SERB/F/6401/2019-2020 dated 07.11.2019
4. Title of the Project Automated Writer Identification/Verification from Multi-script Documents
5. Name of the SERB Scheme : TARE (CRG/NPDF/ECR.....etc.)
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 : ..Rs. 252930/-
 - (ii) Others, If any :
 - (iii) **Total** : **Rs. 252930/-**.....

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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
252930/-	3879/-	Nil	Nil	NA	Nil	256809/-	244500/-	12309/-

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
244500/-		244500/-

Details of grants position at the end of the year

- (i) Balance available at end of financial year : ... 12309/-
- (ii) Unspent balance refunded to SERB (If any) : ... Nil
- (iii) Balance (Carried forward to next financial year) if applicable : ... 12309/-

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21.
in respect of RECURRING
as on to be submitted to SERB
Is the UC ..provisional.....(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 underTARE..... **(CRG/NPDF/ECR.....etc.)** (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:

Place:

<p style="font-size: 1.2em; color: blue;"><i>SK md Obaidullah</i></p> <p>Signature of PI :</p>	<p style="color: green; font-size: 1.2em;"><i>[Signature]</i></p> <p style="color: purple; font-weight: bold;">Finance Officer ALIAH UNIVERSITY</p> <p>Signature with Seal..... Name:</p> <p style="font-weight: bold;">Chief Finance Officer (Head of Finance)</p>	<p style="color: blue; font-size: 1.2em;"><i>[Signature]</i></p> <p style="color: purple; font-weight: bold;">Registrar ALIAH UNIVERSITY</p> <p>Signature with Seal..... Name:</p> <p style="font-weight: bold;">Head of Organisation</p>
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(Strike out inapplicable terms)

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : SERB/F/6401/2019-2020 dated 07.11.2019
2. Name of the PI : Dr. Sk Md Obaidullah
3. Total Project Cost : Rs. 18,30000/-
4. Revised Project Cost (if applicable) : NA
5. Date of Commencement : 22.10.2019
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed

1. Grant received in each year:
 - a. 1st Year : Rs. 275000/- (Rs. 250000/- Research Grant and Rs. 25000/- Overhead)
 - b. 2nd Year : Rs. 268000/- (Rs. 243000/- Research Grant and Rs. 25000/- Overhead)
 - c. 3rd Year : NA
 - d. Interest, if any : Rs. 747/- (Savings account created at Aliah during February 2022, earlier money was taken in current account)
 - e. Total (a + b + c + d) : Rs. 275000/- + Rs. 268000/- + Rs. 747/- = Rs. 5,43747/- (as on 31.03.2022)

Statement of Expenditure (from 01.04.2021 to 31.03.2022)
 (to be submitted financial year wise i.e. DOS* to 31st March of that financial year say 20XX, 01-04-20XX till 31.03.20XX+1 year and so on)

Sr No	Sanctioned Heads	Total Funds Allocated (indicate sanctioned or revised (III))	Expenditure Incurred			Total Expenditure till.. (VII = IV + V + VI)	Balance as on (date) (VIII = III - VID)	Requirement of Funds upto 31st March next year	Remarks (if any)
			1st Year (DOS to 31st March next year) (IV)	2nd Year (1st April to 31st March next year) (V)	3rd Year & so on (1st April to 31st March next year) (VI)				
1.	Fellowship	NA	NA	NA	NA	NA	NA	NA	NA
2.	Research Grant	750000/-	0	244500/-	0	244500/-	505500/-	262000/-	Received 245500/- on February 2022
3.	Overhead expenses	75000/-	25000/-	0	25000/-	50000/-	25000/-	25000/-	Received 25000/- on February 2022
4.	Total	825000/-	25000/-	244500/-	25000/-	294500/-	530500/-	287000/-	Project closed on October 2022, 3 rd Grant not received

Dn. SK MD OBADULLAH
 SR MD OBADULLAH

Name and Signature of Principal Investigator:
 Date: 12/09/2023

Signature of Competent financial authority: _____
 (with seal) **ALIAH UNIVERSITY**
 Finance Officer

DOS - Date of Start of project

- Note:**
- Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VII) should not exceed corresponding figures in Column (III)
 - Utilization Certificate (Annexure III) for each financial year ending 31st March has to be enclosed along with request for carry-forward permission to the next financial year.

[Handwritten signature]
 12/9/23

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : SERB/F/6401/2019-2020 dated 07.11.2019
2. Name of the PI : Dr. Sk Md Obaidullah
3. Total Project Cost : Rs. 1830000/-
4. Revised Project Cost (if applicable) : NA
5. Date of Joining : 22.10.2019
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
October 2020	Rs. 244500/-

1. Grant received in each year:
- a. 1st Year : Rs. 250000/- Research grant and Rs. 25000/- Overhead
- b. 2nd Year : Nil
- c. 3rd Year : NA
- d. Interest, if any : Rs. 2930/- (1st year) + Rs. 3879/- (2nd year) = Rs. 6809/-
- e. Total (a + b + c + d) : (Rs. 250000/- + Rs. 25000/- + Rs. 6809/-) = Rs. 281809/-

Statement of Expenditure (01.04.2020 to 31.03.2021)

(to be submitted financial year wise i.e. DOS* to 31st March of that financial year say 20XX, 01-04-20XX till 31.03.20XX+1 year and so on)

Sr No	Sanctioned Heads	Total Funds Allocated (indicate sanctioned or revised)	Expenditure Incurred			Total Expenditure till..	Balance as on (date)	Requirement of Funds upto 31 st March next year	Remarks (if any)
			1 st Year (DOS to 31 st March next year)	2 nd Year (1 st April to 31 st March next year)	3 rd Year & so on (1 st April to 31 st March next year)				
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII = IV + V + VI)	(VIII = III - VII)		
1.	Fellowship	NA	NA	NA	NA	NA	NA	NA	
2.	Research Grant	750000/-		244500/-		244500/-	5500/-	244500/-	
3	Overhead expenses	75000/-	25000/-			25000/-	0	25000/-	
4	Total	825000/-	25000/-	244500/-		269500/-	5500/-	269500/-	

SK Md Obaidullah

Dr. Sk Md Obaidullah

Name and Signature of Principal Investigator:

[Signature] 23/6/21

Signature of Competent financial authority (with seal):

Finance Officer
ALIAH UNIVERSITY

Date:

Date: 21.06.2021

* DOS – Date of Start of project

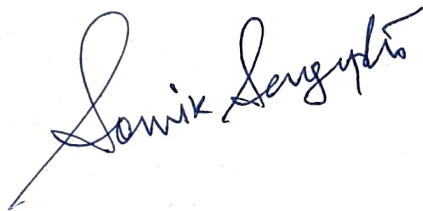
Note:

- Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VIII) should not exceed corresponding figures in Column (III)
- Utilization Certificate (Annexure III) for each financial year ending 31 March has to be enclosed along with request for carry-forward permission to the next financial year.

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : TAR/2022/000367 16.01.23
2. Name of the PI : Dr. Souvik Sengupta
3. Total Project Cost : 18,30,000
4. Revised Project Cost (if applicable) :
5. Date of Commencement : 28.10.2022
6. Statement of Expenditure (Month wise expenditure incurred during current financial year) :

1. Grant received in each year:
 - a. 1st Year : 2,75,000/-
 - b. 2nd Year :
 - c. 3rd Year :
 - d. Interest, if any : 1,553/-
 - e. Total (a + b + c + d) : 2,76,553/



Statement of Expenditure
(to be submitted financial year wise i.e. DOS* to 31st March of that financial year say 20XX, 01-04-20XX
till 31.03.20XX+1 year and so on)

Period 28.10.2022-31.03.2023


Sr No (I)	Sanctioned Heads (II)	Total Funds Allocated (indicate sanctioned or revised (III))	Expenditure Incurred			Total Expenditure till. (VII = IV + V + VI)	Balance as on (date) (VIII = III - VII)	Requirement of Funds upto 31st March next year	Remarks (if any)
			1st Year (DOS to 31st March next year) (IV)	2nd Year (1st April to 31st March next year) (V)	3rd Year & so on (1st April to 31st March next year) (VI)				
1.	Research Grant	7,50,000							
2.	Overhead expenses	75,000	25,000						
3.	Total	8,25,000	25,000			25,000	8,00,000		

Souvik Sengupta

Name and Signature of Principal Investigator:

(PR. Souvik Sengupta)

Date: 03.10.23


 Signature of Competent Financial authority
 (with seal)
 Finance Officer
 ALLAH UNIVERSITY

* DOS – Date of Start of project

Note:

1. Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VIII) should not exceed corresponding figures in Column (III)
2. Utilization Certificate (Annexure III) for each financial year ending 31st March has to be enclosed along with request for carry forward permission to the next financial year.

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-22
in respect of *RECURRING*
as on _____ to be submitted to SERB
Is the UC Provisional (*Provisional/Audited*)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : Aliah University
2. Name of Principal Investigator(PI): Dr. Sk Md Obaidullah
3. SERB Sanction order no. & date: SERB/F/6401/2019-20 dated 07.11.2019
4. Title of the Project: Automated Writer Identification/Verification from Multi-script Documents
5. Name of the SERB Scheme : TARE (CRG/NPDF/ECR etc.)
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 : 5500/- (Savings account opened in Aliah during February 2022)
 - (ii) Others, If any : NA
 - (iii) **Total** : **5500/-**

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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
5500/-	747/- (Savings account opened in Aliah during February 2022)	NA	SERB/F/6401/2019-20	07.11.2019	268000/-	274247/-	25000/- (overhead)	249247/-

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
25000/-		25000/-

Details of grants position at the end of the year

- (i) Balance available at end of financial year : 249247/-
- (ii) Unspent balance refunded to SERB (If any) : ...
- (iii) Balance (Carried forward to next financial year) if applicable : 249247/-

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-22
in respect of *RECURRING*
as on to be submitted to SERB
Is the UC Provisional (*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 (CRG/NPDF/ECR.....etc.) (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:

Place:

 Signature of PI :	 Finance Officer ALIAH UNIVERSITY Signature with Seal : Name : Chief Finance Officer (Head of Finance)	 Registrar ALIAH UNIVERSITY Signature with Seal : Name : Head of Organisation
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(Strike out inapplicable terms)



GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR
in respect of *RECURRING*
as on 31.03.23 to be submitted to SERB
Is the UC provisional (*Provisional/Audited*)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization :Aliah University.....
2. Name of Principal Investigator(PI)Dr. Souvik Sengupta.....
3. SERB Sanction order no. & dateTAR/2022/000367..... 16.01.23.....
4. Title of the Project...Natural Language Processing and Machine Learning based enhancement in Education Technologies.....
5. Name of the SERB Scheme :TARE..... (CRG/NPDF/ECR....etc.)
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 :
 - (ii) Others, If any :
 - (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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
-	1553	-	TAR/2022/000367	16.01.23	275000	276553	25000	251553

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
25000	0	25000

Details of grants position at the end of the year

- (i) Balance available at end of financial year : ... 2,51,553/-
- (ii) Unspent balance refunded to SERB (If any) : ...
- (iii) Balance (Carried forward to next financial year) If applicable : ... 2,51,553/-



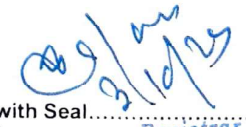
Souvik Sengupta

GFR 12 – A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23
 in respect of **RECURRING**
 as on **31.03.2023** to be submitted to SERB
 Is the UC **Provisional**.....(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 **TARE (CRG/NPDF/ECR.....etc.)** (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: **03.10.23**
 Place: **Kolkata**

 Signature of PI :	 Signature with Seal : Name: P. K. Kumar Chief Finance Officer (Head of Finance)	 Signature with Seal : Name: Registrar Aliah University Head of Organisation
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Finance Officer
ALIAH UNIVERSITY

(Strike out inapplicable terms)

File No. 02/295/2016-17/RP, Dated: 31.03.2017

Audited Statement of Accounts

Major Project Entitled: 'Assessment of Socio-Economic Vulnerability of Flood Victims and Preparation of Community-Based Disaster Management Plan using Social Engineering. A Study of Murshidabad District, West Bengal'

Expenditure Head	Percentage Allocation to total Budget of the Study	Actual Value as per the Study	Actual Expenditure	Unspent/(Excess) Balances return to ICSSR
Full time Research Staff	Not exceeding 50%	Rs. 4,00,000/-	Rs. 4,00,071/-	(Rs. 71/-)
Part Time Assistant/Hiring Charges				
Field work cost Travel/Logistics/Lodging-Boarding etc.	Not less than 37.5%	Rs. 3,00,000/-	Rs. 3,08,498/-	(Rs. 8,498/-)
Source Materials/Software/Data Base etc.				
Office Equipment & Contingency	5%	Rs. 40,000/-	Rs. 40,214/-	(Rs. 214/-)
Institutional Overheads	7.5%	Rs. 60,000/-	Rs. 60,000/-	NIL
Total	100%	Rs. 8,00,000/-	Rs. 8,08,783/-	(Rs. 8,783/-)


Registrar/Principal/Director

Registrar
ALIAH UNIVERSITY


Project Director

FOR R. DAS & ASSOCIATES

FRN: 318161E
Chartered Accountants


(RIP DAS)
Proprietor
M.NO. FCA 53912

Dr. Aznarul Islam
Assistant Professor & Project Director
ICSSR, MHRD
Department of Geography
ALIAH UNIVERSITY
Kolkata-700014

Dated: 26th June, 2020
Place: 1A, Ashutosh Mukherjee Road,
Kolkata-700 020



FORM
GFR 19-A
(See Rule 212 (1))
FORM OF UTILISATION CERTIFICATE

Sl. No.	Letter No. and date	Amount
1.	02/295/2016-17 /RP/	Rs. 8,00,000/-
Dt: 31 st Mar., 2017		
TOTAL		Rs. 8,00,000/- Rupees Eight Lakh Only

Certified that out of Rs. 8,00,000/- of grants-in-aid sanctioned during the year 2016-2017 in favour of Aliah University (Research Project)- "Assessment of Socio-Economic Vulnerability of Flood Victims and Preparation of Community-Based Disaster Management Plan using Social Engineering. A Study of Murshidabad District, West Bengal" under the ICSSR Letter No. given in the margin and Rs. Nil on account of unspent balance of the previous year, a sum of Rs. 8,08,783/- only has been utilized for the purpose of said Research Project for which it

was sanctioned and that the balance of Rs. Nil remaining unutilized at the end of the year has been surrendered to the ICSSR (vide No. N.A Dated N.A) will be adjusted towards the grants-in-aid payable during the next year N.A.

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

Kinds of Checks exercised.

01. Verified the physical achievement.
02. Funds from other Centrally Sponsored Schemes were not utilized for this programme.
03. The performance is satisfactory.
04. Cash book verified and found correct.
05. Stock register verified and found correct.

Arun Hosen

Registrar/Principal/Director

Registrar
ALIAH UNIVERSITY

Aznarul Islam
Project Director

Dr. Aznarul Islam
Assistant Professor & Project Director
ICSSR MHRD
Department of Geography
ALIAH UNIVERSITY
KOLKATA - 700 014

FOR R. DAS & ASSOCIATES

FRN: 318161E
Chartered Accountants

(RIP DAS)
(RIP DAS)
Proprietor

M.NO. FCA 53912



Dated: 26th June, 2020
Place: 1A, Ashutosh Mukherjee Road,
Kolkata-700 020

FORM
GFR 19-A
(See Rule 212 (1))

FORM OF UTILISATION CERTIFICATE

Sl. No.	Letter No. and date	Amount
1.	02/282/2017-18 /RP/ Minor	Rs. 2,70,000/-
Dt: 10 th Jan., 2018		
TOTAL		Rs.2,70,000/-
Rupees Two Lakh Seventy Thousand Only		

Certified that out of Rs. 2,70,000/- of grants-in-aid sanctioned during the year 2017-2018 in favour of Aliah University (Research Project)- "A Pragmatic Assessment of Health Care Facilities And Health Well-Being in North 24 Parganas: A Case from Indo-Bangladesh Border" under the ICSSR Letter No. given in the margin and Rs. Nil on account of unspent balance of the previous year, a sum of Rs. 2,63,426/- only has been utilized and for the purpose of said Research Project for which it was sanctioned and that the balance of Rs. Nil remaining unutilized at the end of the year has

been surrendered to the ICSSR (vide No. N.A Dated N.A) will be adjusted towards the grants-in-aid payable during the next year N.A.

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

Kinds of Checks exercised.

01. Verified the physical achievement.
02. Funds from other Centrally Sponsored Schemes were not utilized for this programme.
03. The performance is satisfactory.
04. Cash book verified and found correct.
05. Stock register verified and found correct.


Registrar/Principal/Director
Registrar
ALIAH UNIVERSITY


Project Director

FOR R. DAS & ASSOCIATES
FRN: 318161E
Chartered Accountants


Dr. Nasrin Banu
Assistant Professor & Project Director
ICSSR
Department of Geography
ALIAH UNIVERSITY
Kolkata-700014

Dated: 01st December, 2019
Place: 1A, Ashutosh Mukherjee Road,
Kolkata-700 020


(RIP DAS)
Proprietor
M.NO. FCA 53912



File No. 02/282/2017-18/RP/Minor, Dated: 10.01.2018

Audited Statement of Accounts

Major Project Entitled: 'A Pragmatic Assessment of Health Care Facilities And Health Well-Being in North 24 Parganas: A Case from Indo-Bangladesh Border'

Expenditure Head	Percentage Allocation to total Budget of the Study	Actual Value as per the Study	Actual Expenditure	Unspent/(Excess) Balances return to ICSSR
Research Staff Full time/Part-time/Hired Services	Not exceeding 45%	Rs. 1,21,500/-	Rs. 1,22,400/-	(Rs. 900/-)
Field work Travel/Logistics/Lodging-Boarding etc.	Not exceeding 30%	Rs. 81,000/-	Rs. 81,123/-	(Rs. 123/-)
Equipment Computer, Printer etc. Books/Journals/Source Materials/Software and Data Sets, etc.	Not exceeding 15%	Rs. 40,500/-	Rs. 41,146/-	(Rs. 646/-)
Contingency	Not exceeding 5%	Rs. 13,500/-	Rs. 18,757/-	(Rs. 5,257/-)
Publication of Report(will spent by ICSSR)	5%	Rs. 13,500/-	N.A	N.A
Total	100%	Rs. 2,70,000/-	Rs. 2,63,426/-	(Rs. 6,926/-)



Registrar/Principal/Director
Registrar
ALIAH UNIVERSITY


Project Director

FOR R. DAS & ASSOCIATES
FRN: 318161E
Chartered Accountants

Dr. Nasrin Banu
Assistant Professor & Project Director
ICSSR, MHRD
Department of Geography
ALIAH UNIVERSITY
Kolkata-700014

Dated: 01st December, 2019
Place: 1A, Ashutosh Mukherjee Road,
Kolkata-700 020


(RIP DAS)
Proprietor
M.NO. FCA 53912

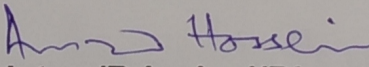


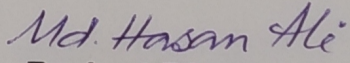
File No. 02/319/2017-18/RP/Minor, Dated: 10.01.2018

Audited Statement of Accounts

Minor Project Entitled: 'Child Labour and their Psycho-Economic Conditions in the Brick Kiln Industries: A study of Murshidabad District, West Bengal'.

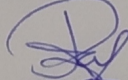
Expenditure Head	Percentage Allocation to total Budget of the Study	Actual Value as per the Study	Actual Expenditure	Unspent/(Excess) Balances return to ICSSR
Research Staff Full time/Part-time/Hired Services	Not exceeding 45%	Rs. 1,35,000/-	Rs. 1,35,600/-	(Rs. 600/-)
Field work Travel/Logistics/Lodging-Boarding etc.	Not exceeding 30%	Rs. 90,000/-	Rs. 90,638/-	(Rs. 638/-)
Equipment Computer, Printer etc. Books/Journals/Source Materials/Software and Data Sets, etc.	Not exceeding 15%	Rs. 45,000/-	Rs. 45,200/-	(Rs. 200/-)
Contingency	Not exceeding 5%	Rs. 15,000/-	Rs. 15,207/-	(Rs. 207/-)
Publication of Report(will spent by ICSSR)	5%	Rs. 15,000/-	N.A	N.A
Total	100%	Rs. 3,00,000/-	Rs. 2,86,645/-	(Rs. 1,645/-)


Registrar/Principal/Director
Registrar
ALIAH UNIVERSITY


Project Director

FOR R. DAS & ASSOCIATES
FRN: 318161E
Chartered Accountants

Dated: 06th July, 2020
Place: 1A, Ashutosh Mukherjee Road,
Kolkata-700 020


(RIP DAS)
Proprietor
M.NO. FCA 53912



FORM
GFR 19-A
(See Rule 212 (1))

FORM OF UTILISATION CERTIFICATE

Sl. No.	Letter No. and date	Amount
1.	02/319/2017-18 /RP/ Minor	Rs. 3,00,000/-
	Dt: 10 th Jan., 2018	
	TOTAL	Rs.3,00,000/- Rupees Three Lakh Only

Certified that out of Rs. 3,00,000/- of grants-in-aid sanctioned during the year 2017-2018 in favour of Aliah University (Research Project)- "Child Labour and their Psycho-Economic Conditions in the Brick Kiln Industries: A study of Murshidabad District, West Bengal" under the ICSSR Letter No. given in the margin and Rs. Nil on account of unspent balance of the previous year, a sum of Rs. 2,86,645/- only has been utilized and for the purpose of said Research Project for which it was sanctioned and that the balance of Nil remaining unutilized at the end of the year has been surrendered to

the ICSSR (already retained by ICSSR) will be adjusted towards the grants-in-aid payable during the next year N.A.

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

Kinds of Checks exercised.

01. Verified the physical achievement.
02. Funds from other Centrally Sponsored Schemes were not utilized for this programme.
03. The performance is satisfactory.
04. Cash book verified and found correct.
05. Stock register verified and found correct.

Amr Hassan

Registrar/Principal/Director

Registrar

ALIAH UNIVERSITY

Md. Hassan Ali

Project Director

FOR R. DAS & ASSOCIATES

FRN: 318161E

Chartered Accountants

Dated: 06th July, 2020

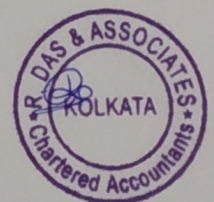
Place: 1A, Ashutosh Mukherjee Road,
Kolkata-700 020

RIP DAS

(RIP DAS)

Proprietor

M.NO. FCA 53912





N. Alam & Co.

Chartered Accountants

15A, MUZAFFAR AHMED STREET
(FORMERLY RIPON STREET)

KOLKATA - 700 016

OFF. : 2229-1682, 9830184648 (M)

RES. : 2226-3583

Email : nalamcom@gmail.com

UTILIZATION CERTIFICATE

This is to certify that the Aliah University (Research Project) – “Study of atomic coherent and incoherent resonances using Hanle configuration formed by the laser field and homogenous magnetic field” by Dr. Md. Mabud Hossain, Department of Physics, Aliah University, of Action Area-II , A/27, New Town, Kolkata, received the Recurring Grant of Rs 1,50,000/- (Rupees One Lac Fifty Thousand) and Non-Recurring Grant of Rs 18,00,000/- (Rupees Eighteen Lacs only) in year 2014-15 vide Dy. No. SERB/F/3778/2014-15 dated 14.08.2014. The said Grants were utilized in the following manners.

<u>Non – Recurring Grant (Equipment)</u>	Rs 18,00,000
Less : Expenditure incurred in 2015-16	<u>Rs. 16,92,684</u>
Un-utilized Grant as on 31.03.2016	<u>Rs .1.07,316</u>

<u>Recurring Grant</u>	Rs 1,50,000
Less : Utilized during the period 2015-16	<u>Rs1,47,134</u>
Unutilised Grant as on 31.03.2016	<u>Rs. 2,866</u>

Place: Kolkata

Date:05th Sep 2016

For **N. ALAM & CO**
Chartered Accountants
Firm Registration No.314146E

N. Alam
(N.Alam)
Partner
(M.No. 051730)





N. Alam & Co.

Chartered Accountants

15A, MUZAFFAR AHMED STREET
(FORMERLY RIPON STREET)

KOLKATA - 700 016

OFF. : 2229-1682, 9830184648 (M)

RES. : 2226-3583

Email : nalamcom@gmail.com

UTILIZATION CERTIFICATE

This is to certify that the Aliah University (Research Project) – “Study of atomic coherent and incoherent resonances using Hanle configuration formed by the laser field and homogenous magnetic field” by Dr. Md. Mabud Hossain, Department of Physics, Aliah University, of Action Area-II , A/27, New Town, Kolkata, received the Recurring Grant of Rs 1,50,000/- (Rupees One Lac Fifty Thousand) in year 2016-17 vide Dy. No. SERB/F/9057/2016-17 dated 06.03.2017. The said Grants were utilized in the following manners.

Non – Recurring Grant (Equipment)

Unutilized Grant b/f	Rs. 1,07,316.00
Less : Expenditure incurred in 2016-17 and Paid in subsequent year	Rs. 23,572.00
Un-utilized Grant as on 31.03.2017	Rs. 83,744.00

Recurring Grant

Unutilized Grant b/f	Rs. 2,866.00
Add: Grant Received during 2016-17	Rs. 1,50,000.00
	Rs. 1,52,866.00
Less : Expenditure incurred and paid during 2016-17 Expenses incurred in 2016-17 and paid in subsequent year	Rs. 5,750.00
Unutilised Grant as on 31.03.2017	Rs. 1,39,313.00
	Rs. 7,803.00

Place: Kolkata

Date: 30.08.2017

For N. ALAM & CO

Chartered Accountants

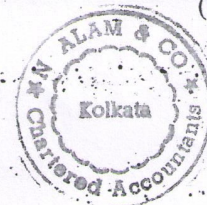
F.R.N. No. 314146E

Md. Taquiddin.

(Md. Taquiddin)

Partner

(M.No. 306372)





N. Alam & Co.

Chartered Accountants

15A, MUZAFFAR AHMED STREET
(FORMERLY RIPON STREET)

KOLKATA - 700 016

OFF : 2229-1682, 9830184648 (M)

RES : 2226-3583

Email nalamcom@gmail.com

UTILIZATION CERTIFICATE

This is to certify that the Aliah University (Research Project) – “Study of atomic coherent and incoherent resonances using Hanle configuration formed by the laser field and homogenous magnetic field” by Dr. Md. Mabud Hossain, Department of Physics, Aliah University, of Action Area-II , A/27, New Town, Kolkata, has following deficit grant as on 31st March 2018.

Non – Recurring Grant (Equipment)

Unutilized Grant b/f	Rs. 83,744.00
Less : Expenditure incurred and paid in 2017-18	<u>Rs. 80,317.00</u>
Un-utilized Grant as on 31.03.2018- (I)	Rs. 3427.00

Recurring Grant

Unutilized Grant b/f	Rs. 7,803.00
Less : Expenditure incurred and paid during 2017-18	Rs. 5,900.00
Expenses incurred in 2017-18 and yet to be paid	<u>Rs. 2,08,811.00</u>
Deficit Recurring Grant as on 31.03.2018- (II)	(Rs.2,06,908.00)
Total Deficit Grant as on 31-03-2018 (I +II)	(Rs. 2,03,481.00)

Place: Kolkata

Date: 06.06.2018

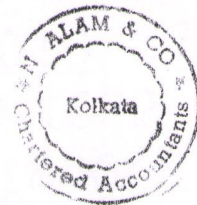
For N. ALAM & CO
Chartered Accountants
F.R.N. No. .314146E

Md. Taquiddin.

(Md. Taquiddin)

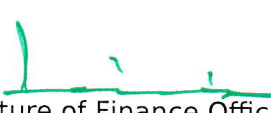
Partner

(M.No. 306372)



UTILISATION CERTIFICATE


It is hereby certified that out of **Rs. 2,93,200/-** of grants-in-aid sanctioned during the year 2020-2021 (F.Y.: 2021-2022) (3rd & Final Year of the Project) in favour of Dr. Md. Mabud Hossain (PI of the Project) under this Ministry / Department (Department of Science and Technology and Biotechnology, Govt. of W. B.) Letter/ Order No. 1225(Sanc.)/STBT-11012(26)/19/2019-ST SEC, Dated 28/02/2022 (3rd & Final Year) total of **Rs. 2,93,200/-** has been utilized for the purpose of ~~Purchase of Non-recurring permanent equipment~~, Remuneration of one SRF, Consumable, Travel, Other cost and Contingencies for which it was sanctioned and that the remaining balance of **NIL** is unspent/un-utilized at the end of the **THIRD & FINAL YEAR** of the project which may be adjusted towards the next grants-in-aid payable.


Signature of Finance Officer *12/12/23*
of the Institution
(With seal and Date) **ALIAH UNIVERSITY**
Finance Officer


Signature of Chartered Accountant *14/12/2023*
(With seal and Date)



Done
Acc. 12/12/23

For M/s. R. N. ROY & CO.
Chartered Accountants

Proprietor

R. N. ROY & CO.
Chartered Accountants
MD. SAIFUDDIN SHAH
Proprietor
Membership No. 61377

UDIN :- 23061377 B G W M N Z 3960



Aliah University

(Under the department of Minority Affairs and Madrasah Education, Govt. of West Bengal)
IIA/27, New Town, Kolkata - 700160, Phones: (033) 2341 6444, West Bengal, India

Standard Form - III

Audited Statement of Expenditure (Audited SoE)

1. Name of the PI with designation, mobile no. and e-mail id, Registration id & date and Application id & date (Vigyansathi Portal):

Principal Investigator (PI): Dr. Md. Mabud Hossain, Assistant Professor, 9433336243, mhossain.phy@gmail.com, Registration id: 3408/ASTP/M/AU21/23, Application id: 1414/RND/PS23/Nil/Dec-2023/1/1, Date: 13-12-2023

Co-Principal Investigator (Co-PI): Dr. Jayanta Kumar Saha, Assistant Professor, 9434355907, jsaha84@gmail.com, Registration id: 3424/ASTP/M/AU21/23, Application id: 1414/RND/PS23/Nil/Dec-2023/1/1, Date: 13-12-2023

2. Title of the R&D Project:

Study of coherent nonlinear resonances in Zeeman sublevels of hyperfine structure of Rb atoms using pump-probe laser spectroscopy: Theory and Experiment

3. Name and postal address of the Institute:

Aliah University, IIA/27, New Town, Kolkata-700 160

4. First Sanctioned G. O. No.: **249(Sanc.)/ST/P/S&T/16G-26/2017, Dated 25/03/2018**

(File No. ST/P/S&T/16G-26/2017)

5. Date of Commencement of the Project: **09/07/2018** [Date of joining of the JRF]

6. Total Duration of the Project: ~~One year/ Two years/~~ Three years: **Three years**

(Due to Covid-19, No Fund allotted in FY 2020-2021 of 3rd Year; Fund allotted in FY 2021-22, with sanction order date 28/02/2022. However, extension for utilization of fund was given up to 31st March 2023)

7. Last Sanctioned G. O. No. and date (for which the Audited SoE is given):

1225(Sanc.)/STBT-11012(26)/19/2019-ST SEC, Dated 28/02/2022 (3rd & Final Year)

8. Reporting Year of this Audited SoE: ~~1st-year/ 2nd-year/~~ 3rd year: **3rd year**

Budget Utilization details:

Sl No.	Sanctioned Heads as per Budget	Amount allotted as per Sanctioned Budget (A)	Expenditure made during the reporting year (B)	Unspent Balance (C)	Remark, if any (Expenditure done in brief)
1.	Remuneration of One SRF @ 21000/- per month	2,52,000/-	2,52,000/-	Nil	Remuneration of SRF for 1 year



Aliah University

(Under the department of Minority Affairs and Madrasah Education, Govt. of West Bengal)
IIA/27, New Town, Kolkata - 700160, Phones: (033) 2341 6444, West Bengal, India

2.	Consumable	10,000/-	10,000/-	Nil	BNC cable, book printing, papers, cartridge, etc
3.	Travel	20,000/-	20,000/-	Nil	Lab visit at IIT, NISER, SINP, etc.
4.	Other Cost	10,000/-	10,000/-	Nil	Laser head repairing, minor parts, servicing, etc.
5.	Contingencies	1,200/-	1,200/-	Nil	Folders, papers, notebooks, marker, etc
	Total	2,93,200/-	2,93,200/-	Nil	

Certified that we have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by DSTBT.

Md. Mabud Hossain
Dr. Md Mabud Hossain (PI) 13/12/23

Jayanta Kumar Saha 13/12/2023
Dr. Jayanta Kumar Saha (Co-PI)

Pulak Kumar Mandal 13/12/23
Pulak Kumar Mandal

Name & Signature of Principal Investigator and Co-Principal Investigator with Official Seal
[Signature]
Assistant Professor
Department of Physics
ALIAH UNIVERSITY
Newtown Campus, Kol-156

Name & Signature of Finance Officer of the Institution with Official Seal
[Signature]
Finance Officer
ALIAH UNIVERSITY

[Signature]
Dr. Syed Nurus Salam

Name & Signature of Head of the Institute with Official Seal

Registrar
ALIAH UNIVERSITY



[Signature] 14/12/2023
Name & Signature of Chartered Accountant with Official Seal

For M/s, R. N. ROY & CO.
Chartered Accountants
[Signature]
Proprietor

UDIN:- 23061377 BGNMNZ 3960

Annexure-II

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

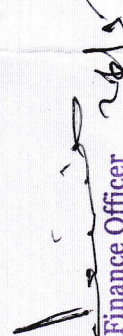
1. SERB Sanction Order No and date : CRG/2022/003547 dated 10th March, 2023
2. Name of the PI : Dr. Jayanta Kumar Saha
3. Total Project Cost : Rs. 25,66,545/-
4. Revised Project Cost (if applicable) : NA
5. Date of Commencement : 13.03.2023
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

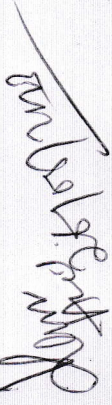
Month & year	Expenditure incurred/ committed
March, 2023	Rs. 44,133/-
Total	Rs. 44,133/-

1. Grant received in each year:
- a. 1st Year : Rs. 5,99,863/-
- b. Interest, if any : NIL
- c. Total (a + b) : Rs. 5,99,863/-

Jayanta Kumar Saha
(PI)
Assistant Professor
Department of Physics
ALIAH UNIVERSITY
Newtown Campus, Kol-156




Finance Officer
ALIAH UNIVERSITY



Statement of Expenditure: financial year wise i.e. DOS (13.03.2023) to 31.03.2023

Sr No	Sanctioned Heads	Total Funds Allocated (indicate sanctioned or revised)	Expenditure Incurred			Total Expenditure till 31 st March 2023	Balance as on 31 st March 2023	Requirement of Funds up to 31 st March 2024	Remarks (if any)
			1 st Year (DOS to 31 st March 2023)	2 nd Year (1 st April, 2023 to 31 st March, 2025)	3 rd Year (1 st April, 2024 to 31 st March, 2025)				
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII = IV+ V+VI)	(VIII = III - VII)		Balance in hand to be carried forward to the next financial year i.e. 2023-24
1.	Research Personnel*	14,43,360/-	NIL	NIL	NIL	NIL	14,43,360/-	4,04,240/-	Total fund received = Rs. 5,99,863/-
2.	Consumables, Travel and Contingencies	3,70,000/-	19,133/-	NIL	NIL	19,133/-	3,50,867/-	1,50,000/-	Total expenditure incurred = Rs. 44,133/-
3.	Scientific Social Responsibilities	20,000/-	NIL	NIL	NIL	NIL	20,000/-	NIL	
4.	Equipment	4,99,863/-	NIL	NIL	NIL	NIL	4,99,863/-	4,99,863/-	
5.	Overhead expenses	2,33,322/-	25,000/-	NIL	NIL	25,000/-	2,08,322/-	52,774/-	
6.	Total	25,66,545/-	44,133/-	NIL	NIL	44,133/-	25,22,412/-	11,06,877/-	Balance amount as on 31st March 2023 = Rs. 5,55,730/-

* Date of joining of the fellow is 16th May, 2023

* Extra fund required upto 31st March 2024 : [Rs. 11,06,877/- - Rs. 5,55,730/- =] Rs. 5,51,147/-

Jayanta Kumar Saha

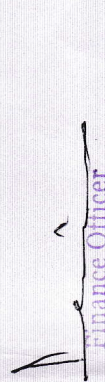
JAYANTA KUMAR SAHA (PI)
Name and Signature of Principal Investigator:

Date: 26.05.2023
Assistant Professor
Department of Physics
ALIAH UNIVERSITY

* DOS - Date of Start of Project on Campus, Kol-156

Note:

- Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VII) should not exceed corresponding figures in Column (III)
- Utilization Certificate (Annexure III) for each financial year ending 31st March has to be enclosed along with request for carry-forward permission to the next financial year.


 Finance Officer
ALIAH UNIVERSITY

Signature of Competent financial authority: _____
 Date: _____

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23
in respect of *NON-RECURRING*
as on 31-03-2023 to be submitted to SERB
Is the UC Provisional (*Provisional/Audited*)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : **Aliah University, Newtown, Kolkata 700160**
2. Name of Principal Investigator (PI) : **Dr. Jayanta Kumar Saha**
3. SERB Sanction order no. & date : **CRG/2022/003547 dated 10-03-2023**
4. Title of the Project : **Structural, Quantum Entanglement and Quantum Information Theoretic Measures on Confined Few-body Atomic and Molecular Systems**
5. Name of the SERB Scheme : **CRG**
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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4	5	6	7		
			Sanction No. (i)	Date (ii)	Amount (iii)			
NIL	NIL	NIL	CRG/2022/003547	10-03-2023	Rs. 4,99,863/-	Rs. 4,99,863/-	NIL	Rs. 4,99,863/-

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. 4,99,863/-**
- (ii) Unspent balance refunded to SERB (If any) : **NIL**
- (iii) Balance (Carried forward to next financial year) if applicable : **Rs. 4,99,863/-**

Jayanta Kumar Saha
(PI)

 **Assistant Professor**
Department of Physics
ALIAH UNIVERSITY
 Newtown Campus, Kol-156

26/03/23
Registrar
ALIAH UNIVERSITY

28/3
Finance Officer
ALIAH UNIVERSITY


GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23
in respect of NON-RECURRING
as on 31-03-2023 to be submitted to SERB
Is the UC Provisional (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 **CRG (CRG/NPDF/ECR.....etc.)** (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: 26.05.2023

Place: Kolkata

<p style="text-align: center;"><i>Jayanta Kumar Saha</i> Signature of PI: Name: JAYANTA KUMAR SAHA</p> <p style="text-align: center;">Assistant Professor Department of Physics ALIAH UNIVERSITY Newtown Campus, Kol-156</p> 	<p style="text-align: center;">Signature with Seal: Name: PULAK KUMAR MANDAL Finance Officer Aliah University (Head of Finance)</p> <p style="text-align: center;"><i>Pulak Kumar Mandal</i> Finance Officer ALIAH UNIVERSITY</p>	<p style="text-align: center;">Signature with Seal: Name: SAYED NURUS SALAM Registrar Aliah University (Head of Organization)</p> <p style="text-align: center;"><i>Sayed Nurus Salam</i> Registrar ALIAH UNIVERSITY</p>
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(Strike out inapplicable terms)

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23
in respect of *RECURRING*
as on 31-03-2023 to be submitted to SERB
Is the UC Provisional (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : **Aliah University, Newtown, Kolkata 700160**
2. Name of Principal Investigator (PI) : **Dr. Jayanta Kumar Saha**
3. SERB Sanction order no. & date : **CRG/2022/003547 dated 10-03-2023**
4. Title of the Project : **Structural, Quantum Entanglement and Quantum Information Theoretic Measures on Confined Few-body Atomic and Molecular Systems**
5. Name of the SERB Scheme : **CRG**
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**

5. 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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
NIL	NIL	NIL	CRG/2022/003547	10-03-2023	Rs. 1,00,000/-	Rs. 1,00,000/-	Rs. 44,133/-	Rs. 55, 867/-

Component wise utilization of grants:

Grants-in-aid-General	Grant-in-aid-creation for capital assets	Total
Rs. 44,133/-	NIL	Rs. 44,133/-

Details of grants position at the end of the year

- (i) Balance available at end of financial year : **Rs. 55, 867/-**
- (ii) Unspent balance refunded to SERB (If any) : **NIL**
- (iii) Balance (Carried forward to next financial year) if applicable : **Rs. 55, 867/-**

Jayanta Kumar Saha
(PI)

Assistant Professor
Department of Physics
ALIAH UNIVERSITY
Newtown Campus, Kol-156



[Signature]
Registrar
ALIAH UNIVERSITY

[Signature]
Finance Officer
ALIAH UNIVERSITY 28/5


GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23
in respect of *RECURRING*
as on 31-03-2023 to be submitted to SERB
Is the UC *Provisional (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 **CRG (CRG/NPDF/ECR.....etc.)** (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: 25.05.2023

Place: Kolkata

<p>Jayanta Kumar Saha Signature of PI: Name: JAYANTA KUMAR SAHA</p> <p>Assistant Professor Department of Physics ALIAH UNIVERSITY Newtown Campus, Kol-156</p> 	<p>Signature with Seal: Name: PULAK KUMAR MANDAL Finance Officer Aliah University (Head of Finance)</p> <p>Finance Officer ALIAH UNIVERSITY</p>	<p>Signature with Seal: Name: SAYED NURUS SALAM Registrar Aliah University (Head of Organization)</p> <p>Registrar ALIAH UNIVERSITY</p>
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(Strike out inapplicable terms)

Annexure-II

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : CRG/2022/003547 dated 10th March, 2023
2. Name of the PI : Dr. Jayanta Kumar Saha
3. Total Project Cost : Rs. 25,66,545/-
4. Revised Project Cost (if applicable) : NA
5. Date of Commencement : 13.03.2023
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year 2023-24)

Month & year	Expenditure incurred/ committed
August, 2023	Rs. 2,17,984/-
September, 2023	Rs. 38,440/-
October, 2023	Rs. 63,486/-
November, 2023	Rs. 38,440/-
December, 2023	Rs. 38,440/-
January, 2024	Rs. 68,707/-
February, 2024	Rs. 38,440/-
March, 2024	Rs. 1,01,930/-
Total	Rs. 6,05,867/-

1. Grant received in each year:
 - a. 1st Year (2022-23) : Rs. 5,99,863/-
 - b. 2nd Year (2023-24) : Rs. 5,50,000/-
 - c. Interest, if any : Rs. 21,571/-
 - d. Total (a+b+c) : Rs. 11,71,434/-

Jayanta Kumar Saha
6/5/24



Dr. Jayanta Kumar Saha
Principal Investigator

Assistant Professor
Department of Physics
Aliah University
Newtown Campus
Kolkata-160, West Bengal, India

Dr. Jayanta Kumar Saha

Statement of Expenditure: financial year wise i.e. DOS (13.03.2023) to 31.03.2024

Sr No	Sanctioned Heads	Total Funds Allocated (indicate sanctioned or revised)	Expenditure Incurred			Total Expenditure till 31 st March 2024	Balance as Requirement of Funds up to 31 st March 2024	Balance as Requirement of Funds up to 31 st March 2025	Remarks (if any)
			1 st Year (DOS to 31 st March 2023)	2 nd Year (1 st April, 2023 to 31 st March, 2024)	3 rd Year (1 st April, 2024 to 31 st March, 2025)				
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII = IV + V + VI)	(VIII = III - VII)		Balance in hand to be carried forward to the next financial year i.e. 2023-24
1.	Research Personnel*	14,43,360/-	NIL	4,04,240/-	NIL	4,04,240/-	10,39,120/-	4,61,280/-	Total fund received = Rs. (5,99,863+5,50,000)/- = Rs. 11,49,863/-
2.	Consumables, Travel and Contingencies	3,70,000/-	19,133/-	1,01,627/-	NIL	1,20,760/-	2,49,240/-	1,25,000/-	Interest earned = Rs. 21,571/-
3.	Scientific Social Responsibilities	20,000/-	NIL	NIL	NIL	NIL	20,000/-	10,000/-	Total expenditure incurred = Rs. 6,50,000/-
4.	Equipment	4,99,863/-	NIL	NIL	NIL	NIL	4,99,863/-	4,99,863/-	
5.	Overhead expenses	2,33,322/-	25,000/-	1,00,000/-	NIL	1,25,000/-	1,08,322/-	54,161/-	
6.	Total	25,66,545/-	44,133/-	6,05,867/-	NIL	6,50,000/-	19,16,545/-	11,50,304/-	Balance amount as on 31st March 2024 = Rs. 5,21,434/-

* Date of joining of the fellow is 16th May, 2023

* Extra fund required upto 31st March 2025 : [Rs. 11,50,304/- - Rs. 5,21,434/- =] Rs. 6,28,870/-

Jayanta Kumar Saha

(JAYANTA KUMAR SAHA)

Name and Signature of Principal Investigator:

Date: 06/05/2024



Dr. Jayanta Kumar Saha
Principal Investigator

Assistant Professor
Department of Physics
Aliah University
Newtown Campus

* DOS - Date of Start of project

Note:

- Expenditure under the sanctioned heads up to the point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VII) should not exceed corresponding figures in Column (III)
- Utilization Certificate (Annexure III) for each financial year ending 31st March has to be enclosed along with request for carry-forward permission to the next financial year.

[Signature]
Signature of Competent financial authority:
(with seal)

Date:

Finance Officer

ALIAH UNIVERSITY

[Signature]
Prof. Dr. [Signature]

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
in respect of *NON-RECURRING*
as on 31-03-2024 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 : **Aliah University, Newtown, Kolkata 700160**
2. Name of Principal Investigator (PI) : **Dr. Jayanta Kumar Saha**
3. SERB Sanction order no. & date : **CRG/2022/003547 dated 10-03-2023**
4. Title of the Project : **Structural, Quantum Entanglement and Quantum Information Theoretic Measures on Confined Few-body Atomic and Molecular Systems**
5. Name of the SERB Scheme : **CRG**
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 : Rs. 4,99,863/-
 - (ii) Others, If any : NIL
 - (iii) **Total** : **Rs. 4,99,863/-**

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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
			CRG/2022/003547	10-03-2023	NIL	Rs. 5,14,345/-	NIL	Rs. 5,14,345/-

Component wise utilization of grants:

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

Details of grants position at the end of the year

- (i) Balance available at end of financial year : Rs. 5,14,345/-
- (ii) Unspent balance refunded to SERB (If any) : NIL
- (iii) Balance (Carried forward to next financial year) if applicable : Rs. 5,14,345/-

Jayanta Kumar Saha (PI)
61524



Dr. Jayanta Kumar Saha
Principal Investigator

Assistant Professor
Department of Physics
Aliah University
Newtown Campus
Kolkata-160, West Bengal, India

Dr. Jayanta Kumar Saha


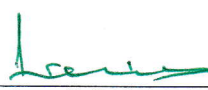
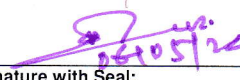
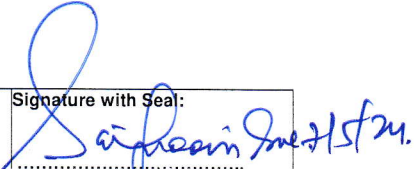

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
in respect of *NON-RECURRING*
as on 31-03-2024 to be submitted to SERB
Is the UC Audited (*Provisional/Audited*)
(To be given separately for each financial year ending on 31st March)

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 **CRG (CRG/NPDF/ECR.....etc.)** (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: 06/05/2024

Place: Kolkata

Signature of PI:  Name: JAYANTA KUMAR SAHA Dr. Jayanta Kumar Saha Principal Investigator Assistant Professor Department of Physics Aliah University Newtown Campus Kolkata-160, West Bengal, India	Signature with Seal:  Name: PULAK KUMAR MANDAL Finance Officer Aliah University (Head of Finance) Finance Officer ALIAH UNIVERSITY	Signature with Seal:  Name: Sk. ASHFAQUE ALI Registrar (Officiating) Aliah University (Head of Organization) Registrar (Officiating) Aliah University New Town, Kolkata-700160	Signature with Seal:  Chartered Accountants 
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(Strike out inapplicable terms)

UDIN No.

24061377B KD4LS6731.

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
in respect of RECURRING
as on 31-03-2024 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 : **Aliah University, Newtown, Kolkata 700160**
2. Name of Principal Investigator (PI) : **Dr. Jayanta Kumar Saha**
3. SERB Sanction order no. & date : **CRG/2022/003547 dated 10-03-2023**
4. Title of the Project : **Structural, Quantum Entanglement and Quantum Information Theoretic Measures on Confined Few-body Atomic and Molecular Systems**
5. Name of the SERB Scheme : **CRG**
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 : Rs. 55,867/-
 - (ii) Others, If any : NIL
 - (iii) **Total** : **Rs. 55,867/-**

5. 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)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
Rs. 55,867/-	Rs. 7,089/-	NIL	CRG/2022/003547	10-03-2023	Rs. 5,50,000/-	Rs. 6,12,956/-	Rs. 6,05,867/-	Rs. 7,089/-

Component wise utilization of grants:

Grants-in-aid-General	Grant-in-aid-creation for capital assets	Total
Rs. 6,05,867/-	NA	Rs. 6,05,867/-

Details of grants position at the end of the year

- (i) Balance available at end of financial year : Rs. 7,089/-
- (ii) Unspent balance refunded to SERB (If any) : NIL
- (iii) Balance (Carried forward to next financial year) if applicable : Rs. 7,089/-

Jayanta Kumar Saha (PI)

45/24
Dr. Jayanta Kumar Saha
Principal Investigator



Assistant Professor
Department of Physics
Aliah University
Newtown Campus
Kolkata-160, West Bengal, India

Dr. Jayanta Kumar Saha




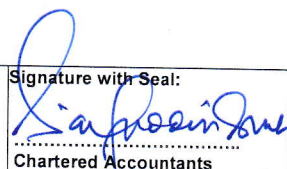

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2023-24
in respect of RECURRING
as on 31-03-2024 to be submitted to SERB
Is the UC Audited (*Provisional/Audited*)
(To be given separately for each financial year ending on 31st March)

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 **CRG (CRG/NPDF/ECR.....etc.)** (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: 06/05/2024

Place: Kolkata

Signature of PI:  Name: JAYANTA KUMAR SAHA Dr. Jayanta Kumar Saaha Principal Investigator Assistant Professor Department of Physics Aliah University Newtown Campus Kolkata-160, West Bengal, India	Signature with Seal:  Name: PULAK KUMAR MANDAL Finance Officer Aliah University Head of Finance) Finance Officer ALIAH UNIVERSITY	Signature with Seal:  Name: Sk. ASHFAQUE ALI Registrar (Officiating) Aliah University (Head of Organization) Registrar (Officiating) Aliah University New Town, Kolkata-700160	Signature with Seal:  Chartered Accountants 
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UDIN No. 24 061322BK DGLS 6731

Annexure-A

UTILISATION CERTIFICATE IN RESPECT OF GRANT-IN-AID

No. Date:		
1	Name of the Grantee Institute(s)	ALIAH UNIVERSITY
2	Sanctioning Authority	Assistant Secretary, Science & Technology and Biotechnology, Govt. of West Bengal
3	Sanction Order Number & Date	698(Sanc.)-STBT-11012(16)/22/2021-ST SEC dt: 22/09/2022
4	Amount Sanctioned	Rs.2,91,966 (Two Lakh Ninety-One Thousand Nine Hundred Sixty-Six) only.
5	Drawing & Disbursing Officer	Section Officer, Science and Technology and Biotechnology Department.
6	Treasury/PAO [From where the bill was drawn]	Pay & Accounts officer-III, Calcutta POA-III
7	Bill No. & Date	
8	T.V. No. & Date	
9	Amount Drawn	Rs.2,91,966.00
10	Unspent Balance of Previous year, if any	Rs. 34.00
11	Amount Utilized	Rs.2,92,000.00
12	Unspent Balance, If any ,in Current year:	Zero
13	Purpose of Utilisation	R& D Project entitled " Analysis of Failure Mechanism and Development of Effective Bank protection Methodology for River in West Bengal"

CERTIFICATE

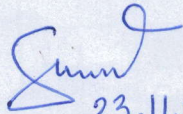
Certified that I have satisfied myself that the conditions on which the Grant-in-Aid was sanctioned have been duly fulfilled/are being fulfilled that I have exercised the following checks to see that the money was actually utilized for the purpose for which was sanctioned.
[Applicable in case of unspent balance] The unspent fund will be adjusted against the Grant-in-Aid to be sanctioned and paid in the Current Financial Year(applicable in case of recurring grant only).

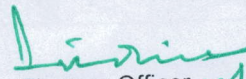
Kinds of checks exercised

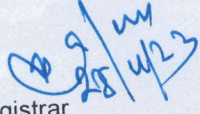
1. Cash Book
2. Ledger Book

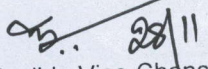
Date:

All Signatures with official stamps


 23.11.23
 Dr. Supia Khatun
 PI & Associate Professor
 Dept. of Civil Engg.
 Aliah University
Dr. Supia Khatun
 Associate Professor
 Civil Engineering Department
 Aliah University


 Finance Officer
 Aliah University


 Registrar
 Aliah University
Finance Officer ALIAH UNIVERSITY
Registrar ALIAH UNIVERSITY


 28/11
 Hon'ble Vice-Chancellor
 Aliah University
Vice-Chancellor ALIAH UNIVERSITY

Annexure-XI
AUDITED FINAL STATEMENT OF EXPENDITURE

1. **Project Title-** Analysis of Failure Mechanism and Development of Effective Bank Protection Methodology for River in West Bengal
2. **Sanction No:** 29(Sar.c.)-ST/P/S&T/6G-7/2018 dated 30/01/2019
3. **Name of PI:** Dr. Supia Khatun
4. **Total Sanction cost of the project for three years (2019- 2022):** Rs.14,66,000.00/- (Rupees Fourteen Lakh Sixty-Six thousand) only.
5. **Total sanctioned cost of the project for.**
 - a. **First Year (2019-2020)** : Rs. 8,32,000.00
 - b. **Second Year (2021-2022)** : Rs. 3,36,851.00
 - c. **Third Year (2022-2023)** : Rs. 2,91,966.00
6. **Date of start of Project:** 30/01/2019

A. Income and Expenditure of Non- Recurring Head

Sl. No.	Sanctioned Heads	Funds Allocated (1 st Year) (Rs)	Expenditure (1 st Year) (Rs)
1	<u>Non-Recurring- Permanent Equipment</u>	<u>RS. 500000.00</u>	<u>Rs.499380.00</u>

B. Income and Expenditure of Recurring Head

Sl No.	Sanctioned Head	Fund Allocated (1 st year) (Rs)	Expenditure (1 st Year) (Rs)
1	Remuneration of SRF	2,52,000.00	252000.00
2	Consumables	40000.00	44330.00
3	Travel	20000.00	20000.00
4	Contingencies+ others	20000.00	11141.00

C. Income and expenditure of recurring head

Sl No.	Sanctioned Heads	Funds Allocated (2 st year)(Rs)	Expenditure(2 nd Year)(Rs)
1	<u>Remuneration of SRF</u>	<u>2,52,000.00</u>	<u>2,52,000.00</u>
2	<u>Consumables</u>	<u>50,000.00</u>	<u>50,000.00</u>
3	<u>Travel</u>	<u>20,000.00</u>	<u>20,000.00</u>
4	<u>Contingencies+ others</u>	<u>20,000.00</u>	<u>19,966.00</u>

D. Income and expenditure of recurring head

SI No.	Sanctioned Heads	Funds Allocated (3 rd year)(Rs)	Expenditure(3 rd Year)(Rs)
1	Remuneration of SRF	2,52,000.00	2,52,000.00
2	Consumables	10,000.00	20,000.00
3	Travel	10,000.00	0
4	Contingencies+ others	20,000.00	14,966.00

SUMMARY

Head	Fund Allocated (1 st year) (Rs)	Expenditure (1 st Year) (Rs)	Balance/ Un-utilised Grant (Rs)
A. Non-recurring permanent equipment	5,00,000.00/*-	4,99,380.00	620.00
B. Recurring	3,32,000.00	3,27,471.46	4528.54
TOTAL	8,32,000.00	8,26,851.46	5148.54

Head	Balance / Unutilised Grand C/f	Fund Allocated (2 nd year) (Rs)	Expenditure (2 nd Year) (Rs)	Balance/ Unutilised Grant (Rs)
A. Non-recurring permanent equipment	620.00		620.00	0
B. Recurring	4,529.00	336851.00	3,41,346.00	34.00
TOTAL		336851.00	3,41,966.00	34.00

Head	Balance/ Unutilised Grand C/f	Fund Allocated (3 rd year) (Rs)	Expenditure(3 rd Year) (Rs)	Balance/ Un-utilised Grant (Rs)
A. Non-recurring permanent equipment:	0	0	0	0
B. Recurring	34.00	2,91,966.00	2,92,000.00	0
TOTAL		2,91,966.00	2,92,000.00	0

Amount to be refunded/carry forward(whichever is appropriate): Rs. 0

For A. TORAB & CO.
Chartered Accountants
FRN. 326244E

Kazi Abu Torab
Kazi Abu Torab
Proprietor
M. No. 062173

Signature of Competent financial/audit
authority (with seal)

Date: 30/11/2023

UDIN - 23062173BGQEDX9167

Dr. Supia Khatun
Dr. Supia Khatun (PI)

Date: 23.11.2023

Dr. Supia Khatun
Associate Professor
Department

Statement of Expenditure (SoE)

Program: R& D Project entitled " Analysis of Failure Mechanism and Development of Effective Bank protection Methodology for River in West Bengal

Duration: 3 years

Venue: Aliah University

Organized by: Finance Office of Aliah University

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
Amount received from STBT Department	14,66,000/-	1.Remuneration of SRF	7,56,000/-
		2.Consumables	1,00,000/-
		3.Travel	50,000/-
		4.Contingencies & Others	60,000/-
		5.Equipment	5,00,000/-
Amount received from other Institution/ Organisation / other means etc.	0		
Amount contributed from own Institution/ Organisation	0		
Total		Total	

Certified that we have exercised all kinds of checks to see that the grant has been utilised for the purpose for which it was sanctioned by STBT vide Order No.

..... dated..... of Rs.....

[Signature]
23.11.2023
Dr. Supia Khatur

Name & Signature
Project In-Charge

[Signature]
28/11/23

Name & Signature of
Head of the Institution

**Registrar
ALIAH UNIVERSITY**

Official Seal with date

For A. TORAB & CO.
Chartered Accountants
FRN. 326244E

[Signature]
Kazi Abu Toral
Proprietor
M. No.062173

Name & Signature
Of Chartered Accountant 30/11/2023

UDIN- 23062173 BGGQEDX9167

UTILISATION CERTIFICATE

It is hereby certified that out of Rs.2,91,966.00 (Two Lakhs Ninety One Thousand Nine Hundred Sixty Six) only of grants- in- aid sanctioned for a 3 year in the favor of Dr. Supia Khatun (PI of the project) under this Ministry/ Department (Department of Higher Education, Science & Technology and Biotechnology, Govt. of West Bengal) vide Memo No. 698(Sanc)/STBT-11012(16)/22/2021-ST SEC dated 22.09.2022 in the 3rd Installment, Rs:2,91,966 (Two Lakhs Ninety One Thousand Nine Hundred Sixty Six) only has been released for 2022- 2023 extended up to 2023 and Rs.2,91,966.00 (Two Lakhs Ninety One Thousand Nine Hundred Sixty six) only has been utilized as Fellowship of one SRF & other cost or Contingencies and the remaining balance is Nil.



For A. TORAB & CO.
Chartered Accountants
FRN. 326244E

Abu Toral
Kazi Abu Toral
Proprietor
M. No. 062173

Signature of Competent financial/ audit authority

(with seal)

Date.. 30.11.2023

UDIN - 23062173 B6QED29167

Seminar / Workshop Feedback Form

Title of the Seminar/Workshop:.....

Name of the Organizer:.....

Name of the participant:.....

Address:.....

Age:.....; Occupation:.....

Mobile No.....; E-mail id:.....

Educational Qualification:.....

SINo	Items	Rating. Please put tick(✓)
1.	Did you find the Seminar/Workshop useful?	Very useful..... Quite useful..... Not very useful..... Not useful at all.....
2.	Did it cover what you were expecting?	Yes..... To some extent..... Not really..... Not at all.....
3.	Please rate the speaker on his/her delivery style?	Lack..... Adequate..... Good..... Excellent.....
4.	How relevant was the content to your occupation?	Yes..... To some extent..... Not really..... Not at all.....
5.	Seminar/Workshop duration	Too short..... Adequate..... Too long.....
6.	Are you familiar with the topics of this seminar?	Yes..... To some extent..... Not really..... Not at all.....
7.	Did you like the venue, in terms of location and comfort	Yes..... To some extent..... Not really..... Not at all.....
8.	What subject areas did you find particularly useful?	
9.	In terms of future seminars, are there any other related subject areas you would be interested in?	

Signature of the Participant with date

Sponsored by: DEPARTMENT OF HIGHER EDUCATION, SCIENCE & TECHNOLOGY &
BIOTECHNOLOGY, Govt. of West Bengal (DHSTBT-GoWB)

Thank you for your feedback