

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

1. SERB Sanction Order No and date : CRA /2022/001796 Dated -15/2/2023
2. Name of the PI : Dr Buckman Mahmood
3. Total Project Cost : Rs 43,48,696/-
4. Revised Project Cost (if applicable) : NA
5. Date of Commencement : 2/3/2023
6. Statement of Expenditure :  
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
March, 2023	① Non Recurring —
	② Recurring —

Rs 18,00,000/-  
Rs 1,37,994/-

## 1. Grant received in each year:

- a. 1st Year : Rs 19,50,000/-
- b. 2nd Year : —
- c. 3rd Year : —
- d. Interest, if any : Rs 4,648/-
- e. Total (a + b + c + d) : Rs 19,54,648/-

# 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 (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.	Manpower costs	14,43,360	0	—	—	0	14,43,360	4,61,280	Recruitment of JRF will happen in May 23
2.	Consumables	4,00,000	0	—	—	0	4,00,000	1,60,000	Rs 1,07,997 committed expenses to be paid in April - May 23.
3.	Travel	1,50,000	0	—	—	0	1,50,000	50,000	—
4.	Contingencies	1,50,000	0	—	—	0	1,50,000	60,000	—
5.	Others, if any	10,000	0	—	—	0	10,000	10,000	—
6.	Equipment	18,00,000	0	—	—	0	18,00,000	0	Rs 18,00,000 committed for purchase. Expenses will be reflected in May, 23.
7.	Overhead expenses	3,95,336	0	—	—	0	3,95,336	1,50,000	—
8.	Total	42,48,696	0	—	—	0	42,48,696	8,91,280	Rs 19,37,997 Committed expenses.

Dr. Luckman Muhammad

Name and Signature of Principal Investigator:

Date: 17/4/23



Administrative Officer

K. J. Somaiya College of Engineering

Signature of Competent Financial Authority: 400,077

(with seal)

Date: 17/4/2023

\* 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.

**GFR 12 - A**  
**[[See Rule 238 (1)]]**  
**UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23**  
**in respect of NON-RECURRING**  
**as on 13/4/23 to be submitted to SERB**  
**Is the UC (Provisional/Audited)**  
**(To be given separately for each financial year ending on 31st March)**

1. Name of the grant receiving Organization : KJ Somaiya College of Engineering, Mumbai
2. Name of Principal Investigator(PI) : Dr Luckman Munnawad
3. SERB Sanction order no. & date : CRG/2022/001796
4. Title of the Project : Modifications in Ternary Nitrate Salts with focus on enhancing thermal stability and heat transfer characteristics for concentrating solar thermal Applications.
5. Name of the SERB Scheme : ..... (CRG/NPDF/ECR.....etc.)
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 : Rs 18,00,000/-  
Rs 4,290/-
  - (iii) **Total** : Rs 18,04,290/-

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

Unspent Balance of Grants received previous years [figure as at Sl. No. 7(iii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No (i)	Date (ii)	Amount (iii)			
—	4,290	—	SERB/F/10396/2022-23	13/4/23	18,00,000/-	18,04,290	—	18,04,290

**Component wise utilization of grants:**

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

**Details of grants position at the end of the year**

- (i) Balance available at end of financial year : Rs 18,04,290/-
- (ii) Unspent balance refunded to SERB (If any) : NIL
- (iii) Balance (Carried forward to next financial year) if applicable : Rs 18,04,290/-

Note: Rs 18,00,000/- is committed expenses against Purchase Order for equipment/software raised in March 23. The expenses will be incurred in the next financial year. The interest component will be shifted to Recurring Budget.

Luckman  
 Dr Luckman Munnawad  
 (CPT)



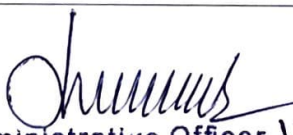

GFR 12 – A  
 [(See Rule 238 (1))]  
 UTILIZATION CERTIFICATE (UC) FOR THE YEAR ..... 2022-23  
 in respect of NON-RECURRING  
 as on 17/4/23 to be submitted to SERB  
 Is the UC ..... (Provisional/Audited)  
 (To be given separately for each financial year ending on 31st March)


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: 17/4/23

Place: Vidyavihar

Signature of PI : ..... 17/4/23	 <b>Administrative Officer</b> <b>K. J. Somaiya College of Engineering</b> <b>Vidyavihar, Mumbai - 400 077.</b> Signature with Seal Name: ..... <b>Chief Finance Officer</b> <b>(Head of Finance)</b>	 <b>Principal</b> <b>K. J. Somaiya College of Engineering</b> <b>Vidyavihar, Mumbai - 400 077.</b> Signature with Seal Name: ..... <b>Head of Organisation</b>
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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 **17/4/23** to be submitted to SERB  
 Is the UC **Provisional/Audited**  
 (To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : **KJ Somaiya College of Engineering, Mumbai**
2. Name of Principal Investigator(PI) : **Dr. Luckman Munnawar**
3. SERB Sanction order no. & date : **CRG/2022/001796**
4. Title of the Project : **Modifications in ternary Nitrate salts with focus on enhancing thermal stability and heat transfer characteristics for Concentrating solar thermal applications.**
5. Name of the SERB Scheme : **CRG** (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 : **Rs 1,50,000/-**
  - (iii) Total : **Rs 358/- (Interest)**

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

Unspent Balance of Grants received previous years [figure as at Sl No. 7(iii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No (i)	Date (ii)	Amount (iii)			
—	358	—	SERB/F/10399/2022-23	13/2/23	1,50,000	1,50,358	NIL	1,50,358

Component wise utilization of grants:

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

Details of grants position at the end of the year

- (i) Balance available at end of financial year : **Rs 1,50,358/-**
- (ii) Unspent balance refunded to SERB (If any) : **NIL**
- (iii) Balance (Carried forward to next financial year) if applicable : **Rs 1,50,358/-**

Note :-

Rs 1,37,994/- is committed against consumable and overhead costs and will be spent in the next financial year.

Dr. Luckman Munnawar  
 Dr Luckman Munnawar  
 (PI)



GFR 12 – A  
 [(See Rule 238 (1))]  
 UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23  
 in respect of RECURRING  
 as on 17/4/23 to be submitted to SERB  
 Is the UC ..... (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:

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- (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.
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Date: 17/4/23

Place: Vidyavihar

Signature of PI : <u>[Signature]</u> <u>17/4/23</u>	<u>[Signature]</u> Administrative Officer K. J. Somaiya College of Engineering Vidyavihar, Mumbai - 400 077 Signature with Seal : Name: ..... Chief Finance Officer (Head of Finance) <u>17/4/2023</u>	<u>[Signature]</u> <u>12/05/2023</u> Signature with Seal : Name: ..... Principal K. J. Somaiya College of Engineering Vidyavihar, Mumbai - 400 077.
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(Strike out inapplicable terms)

