

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 (*Provisional/Audited*)
(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : [Alva's Institute of Engineering and Technology \(AIET\), Moodbidri](#)
2. Name of Principal Investigator(PI): [Dr. Siddhartha P Duttagupta with Co-PIs from AIET: Dr. Jayarama A & Dr. Richard Pinto](#)
3. SERB Sanction order no. & date : [File No : CRG/2021/000722/EEC & date : 24-May-2022](#)
4. Title of the Project : [Electrochemical discharge machined serpentine micro-channels in fused quartz for photo-catalytic in-situ hydrogen evolution in hydrogen fuel cells](#)
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. 85,502.00
(ii)	Others, If any (Interest from previous financial year)	:	Rs.0.00
(iii)	Total	:	Rs. 85,502.00

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)			
Rs. 85,502.00	NIL	NIL	CRG/2021/000722	24-May-2022	0.00	Rs. 85,502.00	Rs. 85,502.00	0.00

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Rs. 85,502.00	NIL	Rs. 85,502.00

Details of grants position at the end of the year

- (i) Balance available at end of financial year : 0.00
- (ii) Unspent balance refunded to SERB (If any) : Nil
- (iii) Balance (Carried forward to next financial year) if applicable : 0.00

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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: 15-05-2024

Place: Moodbidri

<p>Signature of CO-PI-1 : </p> <p>Signature of CO-PI-2 : </p>	<p>Signature with Seal : Name: Shantharam Kamath Chief Finance Officer (Head of Finance)</p>	<p>Signature with Seal : Name: D. S. Fernandes Principal Mijar, MOODBIDRI - 574 225 Head of Organisation</p>
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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 (*Provisional/Audited*)

(To be given separately for each financial year ending on 31st March)

1. Name of the grant receiving Organization : [Alva's Institute of Engineering and Technology \(AIET\), Moodbidri](#)
2. Name of Principal Investigator(PI) : [Dr. Siddhartha P Duttagupta with Co-PIs from AIET: Dr. Jayarama A & Dr. Richard Pinto](#)
3. SERB Sanction order no. & date [File No : CRG/2021/000722/EEC](#) & date : [24-May-2022](#)
4. Title of the Project : [Electrochemical discharge machined serpentine micro-channels in fused quartz for photo-catalytic in-situ hydrogen evolution in hydrogen fuel cells](#)
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. 687640 |
| (ii) Others, If any | : | Nil |
| (iii) Total | : | Rs. 687640 |

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)			
Rs. 7,36,590	NIL	NIL	CRG/2021/000722	24-May-2022	Rs. 0.00	Rs. 6,87,640	Rs. 6,87,640	Rs. 48,750

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Nil	Rs. 6,87,640	Rs. 6,87,640

Details of grants position at the end of the year

- | | | |
|--|---|------|
| (i) Balance available at end of financial year | : | 0.00 |
| (ii) Unspent balance refunded to SERB (If any) | : | Nil |
| (iii) Balance (Carried forward to next financial year) if applicable | : | 0.00 |

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as on 31-03-2024 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** (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: 15-05-2024

Place: Moodbidri

<p>Signature of CO-PI-1 : </p> <p>Signature of CO-PI-2 : </p>	<p style="text-align: center;"></p> <p>Signature with Seal :  Name: Shantharam Kamath Chief Finance Officer (Head of Finance)</p>	<p style="text-align: center;"></p> <p style="text-align: center;">PRINCIPAL Signature with Seal :  Name: D. S. S. Fernandes Mijar, MOODBIDRI - 574 225 Head of Organisation</p>
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REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : File No : CRG/2021/000722/EEC & date : 24-May-2022
2. Name of the PI : Dr. Siddhartha P Duttgupta, Indian Institute of Technology Bombay (IITB) with Co-PIs Dr. Jayarama A & Dr. Richard Pinto from Alva's Institute of Engineering and Technology (AIET),
3. Total Project Cost : Rs. 5118696 (AIET Rs. 2805000 + IITB Rs. 2313696)
4. Revised Project Cost : Not applicable
5. Date of Commencement : 24-May-2022
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed (Rs.)
May to November 2022	0.00
December 2022	38173
January 2023	52619
February 2023	0.00
March 2023	13,64,588 (1312160+52428)
April 2023	0.00
May 2023	6,99,981 (6,87,840 + 12141)
June 2023	90,860
July 2023	0.00
August 2023	0.00
September 2023	1,00,000
October 2023	0.00
November 2023	0.00
December 2023	0.00
January 2024	0.00
February 2024	0.00
March 2024	33,326.00
Total	23,79,547.00

1. Grant received in each year:
 - a. 1st Year : Rs. 23,23,330.00
 - b. 2nd Year (till March 2024): Nil
 - c. 3rd Year : Not Applicable
 - d. Interest, if any : Rs.56,217.00
 - e. Total (a + b + c + d) : Rs. 23,79,547.00

Statement of Expenditure

S r N o (I)	Sanctioned Heads (II)	Total Funds Allocated (indicate sanctioned or revised (III)	Expenditure Incurred			Total Expendit ure till 31- 03-2024 (VII = IV + V+VI)	Balance as on 31-03- 2024 (VIII= III - VII)
			1 st Year (24-05- 2022 to 31.03.2023) (IV)	2 nd Year (1 st April to 31 st March 2024) (V)	3 rd Year & so on (1 st April to 31 st March next year) (VI)		
1.	Manpower costs	0.00	0.00	-	-	0.00	0.00
2.	Consumables	5,50,000.00	1,55,361.00	1,24,186.00	-	2,79,547.00	2,70,453.00
3.	Travel	-	-	-	-	-	-
4.	Contingencies	-	-	-	-	-	-
5.	Others, if any	-	-	-	-	-	-
6.	Equipment	20,00,000.00	13,12,160.00	6,87,840.00	-	2000000	0.00
7.	Overhead expenses	255000.00	0.00	1,00,000.00	-	1,00,000.00	1,55,000.00
8.	Total	28,05,000.00	14,67,521.00	9,12,026.00	0.00	23,79,547.00	4,25,453.00

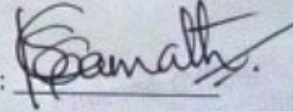
Sanctioned amount: Rs. 28,05,000.00, Released Amount: Rs. 23,23,330, Balance amount to be released: Rs. 4,81,670.00

Name and Signature of Co-Principal Investigators:

Dr. Jayarama A: 

Dr. Richard Pinto : 

Date: 15-04-2024

Signature of Competent financial authority: 
(with seal) Date: _____

PRINCIPAL
Alva's Institute of Engg. & Technology,
Majur. MOODBIDRI - 574 225, D.K

*** 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.