



UNION CHRISTIAN COLLEGE ALUVA-2



Criterion 3

SSR 5th CYCLE 2023

3.1.1 Grants Received in 2018-2023



UNION CHRISTIAN COLLEGE, ALUVA

Affiliated to Mahatma Gandhi University, Kottayam, India

NAAC Re-Accredited with A Grade in 4th Cycle (CGPA 3.45)

www.uccollege.edu.in

SSR
5th CYCLE
2023

YEAR	GRANT IN LAKHS
2018-2019	104.61412
2019-2020	19.00
2020-2021	27.66311
2022-2023	69.31836
TOTAL	220.59559

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "Fabrication and characterization of iron oxide nanostructures (IONS) for gas sensing and DSSC applications."

PI Ms Julie Ann Joseph, Department of Physics, Union Christian College, Aluva-683102, Kerala

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs 20,12,500/-** (Rupees Twenty Lakh Twelve Thousand Five Hundred only) for a duration of 3 years. The detailed breakup of the grant for General (Rs 15,12,500/-) as well as Capital (5,00,000/-) Components are given below

Sl. No.	Heads	1 st Year	2 nd Year	3 rd Year	Total
A.	Non-Recurring (Capital Items)				
	Equipments	5,00,000/-	-----	-----	5,00,000/-
	Silica furnace, Gas sensitivity Testing device, Power supply with Computer interface, Desiccator				
B.	Recurring(General)				
	Fellowship for M Sc@ Rs 30,000/-	3,60,000/-	3,60,000/-	3,60,000/-	10,80,000/-
	Consumables	50,000/-	50,000/-	50,000/-	1,50,000/-
	Contingencies	20,000/-	20,000/-	20,000/-	60,000/-
	Travel	15,000/-	15,000/-	15,000/-	45,000/-
C.	Overhead	92,500/-	42,500/-	42,500/-	1,77,000/-
D.	Total of Recurring Grant (B+C)	5,37,500/-	4,87,500/-	4,87,500/-	15,12,500/-
E.	GRAND TOTAL (A+D)	10,37,500/-	4,87,500/-	4,87,500/-	20,12,500/-

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in

3. The sanction of the President is also accorded to the release of **Rs 5,37,500/-** (Rupees Five Lakh Thirty Seven Thousand Five Hundred only) under 'General Component' to The **The Principal, Union Christian College, Aluva-683102, Kerala** being the first instalment of the grant for the year 2018-2019 for implementation of the above mentioned project.

4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

7. The grant-in-aid being released is subject to the condition that

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

Contd. p-2

Rs. 50,000/- Entery - 6/7/2018
 Cash Book 17/7/2018 AC 856610110008364

8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (B) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards interest and other earnings against released Grant shall be remitted to Consolidated Fund of India immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017.

9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST) whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest - terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debitable to Demand No 84, Department of Science & Technology, for the year 2018-19.

- 3425 Other Scientific Research (Major Head)
- 60 Others (Sub-Major Head)
- 60.200 Assistance to other Scientific Bodies (Minor Head)**
- 68 Science and Technology Institutional and Human Capacity Building (Sub Head)
- 01 Disha Programme for Women in Science
- 68 01 31 **Grants-in-aid General for the year 2018-2019 (Voted)**
(Previous Disha Programme for Women in Science 3425 60 200 55 01 31)

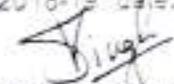
15. The amount of **Rs 5,37,500/-** (Rupees Five Lakh Thirty Seven Thousand Five Hundred only), will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed **The Principal, Union Christian College, Aluva-683102, Kerala**. The bank details for electronic transfer of funds through RTGS are given below:-

Institute name	: Union Christian College, Aluva
Bank Name	: Bank of India
Account Number	: 856610110008364
Branch	: U.C. College, Aluva
IFSC code	: BKID0008566

16. The NGO DARPAN Portal Unique Id of Host Institute is **KL/2017/0169346**

17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **149** in the register of grants maintained in the **KIRAN Division** for scheme (**KIRAN: WOS-A**)

18. This issues with the concurrence of IFD Vide their Concurrence Dy No/689/2018-19 dated 25.05.2018


(Vandana Singh)
Scientist-D

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section
3. The Principal, Union Christian College, Aluva-683102, Kerala
4. Dr Rachel Reena Philip, Department of Physics, Union Christian College, Aluva-683102, Kerala
5. Ms Julie Ann Joseph, Department of Physics, Union Christian College, Aluva-683102, Kerala
6. Pay & Accounts Officer, DST, New Delhi
7. IFD, DST, New Delhi
8. Sanction Folder


(Vandana Singh)
Scientist-D

No. SR/WOS A/PM 7/2017
Government of India
Ministry of Science & Technology
Department of Science & Technology
(KIRAN DIVISION)

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated: 19/02/2020

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "Fabrication and characterization of ZnO nanostructures (ZNO)" for gas sensing and DSGC applications", under the guidance of Mr. L. J. Anoop, Department of Physics, Union Christian College, Aluva-683102, Kerala.

In partial modification of this Department's sanction letter of even number dated 30.07.2018, sanction of the President is hereby accorded to revise the total cost of the project from **Rs. 20,12,500/-** to **Rs. 21,74,512/-** and the revised budget break up is as follows:

Heads	Sanctioned Amt (Rs)	Additional Amt (Rs)	Revised Sanction Amt (Rs)
Fellowship for M Sc (B Rs 31,000/-)	12,80,000/-	1,01,912/-	12,41,912/-
Contingencies	1,50,000/-		1,50,000/-
Conferences	60,000/-		60,000/-
Travel	45,000/-		45,000/-
Equipment	5,00,000/-		5,00,000/-
Overhead	1,77,500/-		1,77,500/-
Grand Total	20,12,500/-		21,74,512/-

2. Sanction of the President is also accorded to payment of **Rs. 4,50,000/-** Rupees Four Lac Fifty Thousand only) as Second instalment to the **Principal, Union Christian College, Aluva-683102, Kerala**, for implementation of the said project during the current financial year.

3. Sanction of the President is also hereby accorded to carry forward the remaining unspent balance of **Rs. 1,18,958/-** from the financial year 2018-19 to 2019-20 for utilization for the same purpose for which it was sanctioned.

4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned, accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2019-2020 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/ closure of project accounts. GI should also follow Rule 230(17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.

7. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017) shall not be disposed of without obtaining the prior approval of DST.

8. Principal investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/ fellowship from any other project either supported by DST or by any other funding agency.

9. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST, whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

Contd. p-2

Rs: 4,50,000/- credit on 5/3/2020

BoI A/c 856610110008364

enter in cash Book on 6/3/2020

-2-

10 Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example "author acknowledge Department of Science & Technology Government of India for financial support vide reference no. _____ under Women Scientist Scheme to carry out this work". Also she is advised to be either first or 'corresponding' author in all publications.

11 The expenditure involved is debtable to Demand No 86, Department of Science & Technology for the year 2019-20

3425 Other Scientific Research (Major Head)
 60 Others (Sub-Major Head)
 60.200 Assistance to other Scientific Bodies (Minor Head)
 66 Science and Technology Institutional and Human Capacity Building (Sub Head)
 01 Disha Programme for Women in Science
 66.01.31 Grants-in-aid General for the year 2019-20 (Voted)
 (Previous Disha Programme for Women in Science 3425 60.200 55.01.31)

12 The amount of Rs. 4,50,000/- (Rupees Four Lakh Fifty Thousand only) will be drawn by the Drawing & Disbursing Officer, DST and will be disbursed to the Principal, Union Christian College, Aluva-683102, Kerala. The bank details for electronic transfer of funds through RTGS are given below

Institute name	Union Christian College, Aluva
Bank Name	Bank of India
Account No	856610110008364
Branch	U. C. College Aluva
IFSC code	BKI00008468

13 As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 670 in the register of work maintained in the Division for scheme (KIRAN - WOS-A)

14 This issues with the concurrence of IFD vide their Concurrence Dy No C/5045/IFD/2019-20 dated 08.01.2019


 (Vandana Singh)
 Scientist-E

Copy forwarded for information and necessary action to:-

- 1 The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002
- 2 Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section
- 3 The Principal, Union Christian College, Aluva-683102, Kerala
- 4 Ms Julie Ann Joseph, Department of Physics, Union Christian College, Aluva-683102, Kerala
- 5 IFD, DST, New Delhi
- 6 Sanction Folder


 (Vandana Singh)
 Scientist-E

1st year up to July, 2019
 Audit - March, 21

 2nd year - March, 2020

FORM OF UTILIZATION CERTIFICATE
 FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2018-2019 in respect
 of ~~recurring~~/non-recurring
 GRANTS-IN-AID/SALARIES-CREATION OF CAPITAL ASSETS

1. Name of the Scheme DST-Women Scientist Scheme (WOS-A)
2. WOS-A Reference No. SR/WOS-A/PM-7/2017
3. Principal Investigator Ms. Julie Ann Joseph
4. Whether recurring or non-recurring grants Non-recurring
5. Grants position at the beginning of the financial year
 - (i) Cash in Hand/Bank Nil
 - (ii) Unadjusted advances Nil
 - (iii) Total Nil
6. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
			Sanction No. (i)	Date (ii)	Amount (iii)			
Nil	-	-						
			SR/WOS-A/PM-7/2017	25-06-2018	Rs. 5,00,000/-	Rs. 5,00,000/-	Rs. 4,84,270/-	Rs. 15,730/-

Component wise utilization of grants:

Grant-in-aid-General	Grant-in-aid-Salary	Grant-in-aid-creation of capital assets	Total
-	-	Rs. 4,84,270/- ✓	Rs. 4,84,270/- ✓

Details of grants position at the end of the year

- (i) Cash in Hand/Bank Rs. 15,730/-
- (ii) Unadjusted Advances Nil
- (iii) Total Rs. 15,730/-

Signature of PI

Date 16/5/2019

Signature

Name P. RAJKUMAR B.S., FCA
 (Proprietor)
 Chief Finance Officer
 Head of the Finance (With seal)

Date 16/05/2019

Signature

Name Dr. David Saj Mathew, P.
 Principal & Disbursing Officer
 U.C. College, Aluva
 (With seal)



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

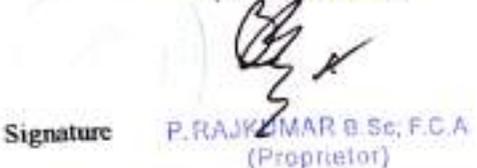
- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under DST-WOS-A (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: 16/05/2019
Place: Aluva.

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373 S)


Signature of PI

Date 16/05/2019


Signature P. RAJKUMAR B.Sc, F.C.A
(Proprietor)

Name..... (Chief Finance Officer) 769
(Head of the Finance) / (With seal)

Date 16/05/2019


Signature Dr. David Saj Mathew. P.

Name..... Head of the Organisation
(With seal)

Date

UDIN : 19028769AAAAAS3661



(Strike out inapplicable terms)

FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2018-2019 in respect
of recurring/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

- Name of the Scheme DST- Women Scientist Scheme (WOS-A)
- WOS-A Reference No. SR/WOS-A/PM-7/2017
- Principal Investigator Ms. Julie Ann Joseph
- Whether recurring or non-recurring grants Recurring
- Grants position at the beginning of the Financial year
 - Cash in Hand/Bank Nil
 - Unadjusted advances
 - Total Nil
- Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant 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	Rs.19,028/-	Rs.19,028/- Bharatkosh Ref no. 0805190002273 (Rs. 17,004) 1305190002141 - (Rs. 2,024)	SR/WOS-A PM-7/2017	25-06-2018	Rs.5,37,500/-	Rs.5,37,500/-	Rs.4,34,272/-	Rs.1,03,228/-

Component wise utilization of grants:

Grant-in-aid-General	Grant-in-aid-Salary	Grant-in-aid-creation of capital assets	Total
Rs: 1,69,111/-	Rs: 2,65,161/-		Rs: 4,34,272/-

Details of grants position at the end of the year

- Cash in Hand/Bank Rs:1,03,228/-
- Unadjusted Advances Nil
- Total Rs:1,03,228/-

Signature of PI

Date 16/5/2019

Signature

Name..... P. RAJKUMAR B Sc; F.C.A
Chief Finance Officer
(Membership No:28769)
(Head of the Finance) (With seal)

Date 16/05/2019

Signature

Name..... Dr. David Sai Mathew, P.
Principal/ Drawing & Disbursing Officer
(With seal)
U. C. College, Aluva





GENERAL FINANCIAL RULES 2017

Ministry of Finance
Department of Expenditure

FORM GFR 12A

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

- (i) The main accounts and 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..... (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: 16/05/2019

Place Aluva

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373 S)

Signature of PI

Date 16/05/2019

Signature
P. RAJKUMAR B.Sc; F.C.A.
(Proprietor)
Name..... (FRN 003373 S)
(Head of the Finance)/(With seal)
Date 16/05/2019.

UDIN : 19028769AAAAS3661

Signature

Name: Dr. David Saj Mathew P.
Principal, Drawing & Designing Officer
(With seal) Union Christian College, Aluva

Date



(Strike out inapplicable terms)



GFR 12 - A
[(See Rule 238 (1)]

FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR **2019-2020** in respect
of **recurring/non-recurring**
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

- Name of the Scheme **DST- Women Scientist Scheme (WOS-A)**
- WOS-A Reference No. **SR/ WOS-A/ PM-7/ 2017**
- Principal Investigator **Ms. Julie Ann Joseph**
- Whether recurring or non-recurring grants **Recurring**
- Grants position at the beginning of the Financial year

(i) Cash in Hand/Bank **Rs.1,03,228/-**

(ii) Unadjusted advances **Nil**

(iii) Total **Rs.1,03,228/-**

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

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
			Sanction No. (i)	Date (ii)	Amount (iii)			
Rs:1,03,228/-	Rs.7,741/-	Rs.7,741/- Bharalkosh Ref No: 300620000417	SR/ WOS-A/ PM-7/ 2017	19-02-2020	Rs. 4,50,000/-	Rs.5,53,228/-	Rs.5,12,932/-	Rs.40,296/-

Component wise utilization of grants:

Grant-in-aid- General	Grant-in-aid- Salary	Grant-in-aid-creation of capital assets	Total
Rs.81,412/-	Rs.4,31,520/-	-	Rs.5,12,932/-

Details of grants position at the end of the year

(i) Cash in Hand/Bank **Rs.40,296/-**

(ii) Unadjusted Advances **Nil**

(iii) Total **Rs.40,296/-**

For SINDHUTS & ASSOCIATES
CHARTERED ACCOUNTANTS
(FRN 017009 S)

Signature 
SINDHUTS, ACA
(Proprietor)
(Membership No: 237813)
Name **Chief Finance Officer**
(Head of the Finance) (With seal)

Date **06-07-2020**

UDIN: 20237813AAAAI P2927

Signature 
Name **Dr. David Saj Mathew, P.**
Principal/Drawing & Disbursing Officer
Name **Head of the Organisation**
(With seal)





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

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under DST-WOS-A (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: 06/07/2020
Place: Aluva

For SINDHU.TS & ASSOCIATES
CHARTERED ACCOUNTANTS
(FRN 017988 S)


SINDHU.TS.ACA
(Proprietor)
(Membership No: 237813)
Name: Chief Finance Officer
(Head of the Finance) / (With seal)

Date: 06-07-2020
UDIN: 20237813AAAAP2927




Signature of David Saj Mathew, P.
Principal / Drawing & Disbursing Officer
Name: Head of the Organisation
(With seal)

Date



(Strike out inapplicable terms)

GFR 12 - A
[(Sec Rule 238 (1))]

FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2019-2020 in respect

of ~~recurring~~/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

- Name of the Scheme DST- Women Scientist Scheme (WOS-A)
- WOS-A Reference No. SR / WOS-A / PM-7 / 2017
- Principal Investigator Ms. Julie Ann Joseph
- Whether recurring or non-recurring grants Non - recurring
- Grants position at the beginning of the Financial year
 - Cash in Hand/Bank Rs: 15,730/-
 - Unadjusted advances : Nil
 - Total Rs: 15,730/-

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

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant 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: 15,730/-	-	-	-	-	-	Rs:15,730/-	Rs: 14,750/-	Rs: 980/-

Component wise utilization of grants:

Grant-in-aid- General	Grant-in-aid- Salary	Grant-in-aid-creation of capital assets	Total
-	-	Rs: 14,750/-	Rs: 14,750/-

Details of grants position at the end of the year

- Cash in Hand/Bank Rs: 980/-
- Unadjusted Advances Nil
- Total Rs: 980/-

FOR SINDHU.T.S & ASSOCIATES
CHARTERED ACCOUNTANTS
(FRN 01708 S)

SINDHU.T.S.ACA
(Proprietor)
(Membership.No:237813)



Signature of PI

Signature

Signature

Dr. David Saj Mathew. P.
Principal/Drawing & Disbursing Officer
Head of the Organization

Date

06/07/2020

Name..... Chief Finance Officer

Name.....

(Head of the Finance) (With seal)

(With seal)

Date 06-07-2020

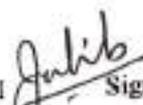
Date

UDIN: 20237813AAAAP2927

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

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under **DST-WOS-A** (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 
Date 06/07/2020

For SINDHU.TS & ASSOCIATES
CHARTERED ACCOUNTANTS
(FRN 017088 S)

SINDHU.TS, ACA
(Proprietor)
(Membership No: 237813)
Name..... Chief Finance Officer
(Head of the Finance)/ (With seal)
Date 06-07-2020
UDIN: 20237813AAAAIP2927




Signature P. Mathew P.
Name: P. Mathew P. Head of the Organisation
(With seal)

Date

(Strike out inapplicable terms)



GFR 12 - A
[(See Rule 238 (1))]FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATIONUTILIZATION CERTIFICATE FOR THE YEAR **2020-2021** in respect
of **recurring/non-recurring**
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme **DST- Women Scientist Scheme (WOS-A)**
2. WOS-A Reference No. **SR/ WOS-A/ PM-7/ 2017**
3. Principal Investigator **Ms. Julie Ann Joseph**
4. Whether recurring or non-recurring grants **Recurring**
5. Grants position at the beginning of the Financial year
(i) Cash in Hand/Bank **Rs.40,296/-**
(ii) Unadjusted advances **Nil**
(iii) Total **Rs.40,296/-**
6. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
			Sanction No. (i)	Date (ii)	Amount (iii)			
Rs.40,296/-	Rs.4,594/-	Rs.4,594/- <small>Shanmukh Ref No. 2304210009/28 dated 25-04-2021</small>	SR/ WOS-A/ PM-7/ 2017	21-09-2020	Rs. 4,50,000/-	Rs.4,90,296/-	Rs.4,78,536/-	Rs.11,760/-

Component wise utilization of grants:

Grant-in-aid- General	Grant-in-aid- Salary	Grant-in-aid-creation of capital assets	Total
Rs.47,016/-	Rs.4,31,520/-	-	Rs.4,78,536/-

Details of grants position at the end of the year

- (i) Cash in Hand/Bank **Rs.11,760/-**
- (ii) Unadjusted Advances **Nil**
- (iii) Total **Rs.11,760/-**

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

Signature of PI

Signature

MEENAKSHI RAJKUMAR A.C.A
(Proprietor)

Signature

Dr. Ramesh Ramesh Philip
Principal/ Drawing & Disbursing Officer
Union of the Christian Alvars

Date **28/04/2021**

Name..... Chief Member Office No: **252405**
(Head of the Finance) (With seal)

Name.....
(With seal)

Date : **22/06/2021**

Date

UDIN : **21252405A AAAZR9087**

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

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under DST-WOS-A (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:

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

[Signature]

MEENAKSHI RAJKUMAR A. C. A
(Proprietor)

(Membership No: 252405)
Chief Finance Officer

Signature

Name:.....

(Head of the Finance) (With seal)

Date: 22/06/2021

UDIN: 21252405AAAALR9087

Signature of PI

Date: 25/04/2021

Signature

[Signature]
Dr. Rachel Reena Philip
Principal & Disbursing Officer
Head of the Organisation
Union Christian College,
(With seal)

Date

(Strike out inapplicable terms)



GFR 12 - A
[See Rule 238 (1)]

FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2020-2021 in respect
of recurring/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

- Name of the Scheme DST- Women Scientist Scheme (WOS-A)
- WOS-A Reference No. SR / WOS-A / PM-7 / 2017
- Principal Investigator Ms. Julie Ann Joseph
- Whether recurring or non-recurring grants Non-recurring
- Grants position at the beginning of the Financial year
 - Cash in Hand/Bank Rs: 980/- (This amount refunded to DST on)
 - Unadjusted advances : Nil
 - Total Rs: 980/-

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

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant 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
Rs: 980/-	-	-	-	-	-	Rs:980/-	Rs:0/- <small>Balance Amount Rs: 980/- refunded to DST through Sharebook on 06 Sept 2020. Transaction Ref No: 0708/00000004</small>	Rs: 0/-

Component wise utilization of grants:

Grant-in-aid- General	Grant-in-aid- Salary	Grant-in-aid-creation of capital assets	Total
-	-	Rs: 0/-	Rs: 0/-

Details of grants position at the end of the year

- Cash in Hand/Bank Rs: 0/-
- Unadjusted Advances Nil
- Total Rs: 0/-

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 0033735)

Signature of PI

Signature

Date 28/04/2021

Name Chief Finance Officer
(Head of the Finance) (With seal)

Date: 22/06/2021

UDIN: 21252405AAAA LR9087

MEENAKSHI RAJKUMAR A.C.A.
(Proprietor)

(Membership No: 252405)

Signature

Name Dr. Rachel Reena Philip
Principal / Drawing & Disbursing Officer
of the Organization





GFR 12 – A
[(See Rule 238 (1))]

FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2021-2022 in respect
of recurring/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

- Name of the Scheme DST- Women Scientist Scheme (WOS-A)
- WOS-A Reference No. SR/WOS-A/PM-7/ 2017
- Principal Investigator Ms. Julie Ann Joseph
- Whether recurring or non-recurring grants Recurring
- Grants position at the beginning of the Financial year
 - Cash in Hand/Bank Rs.11,760/-
 - Unadjusted advances Nil
 - Total Rs. 11,760/-
- Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
			Sanction No. (i)	Date (ii)	Amount (iii)			
Rs:11,760	Rs: 728/-	Rs:728/- - Bharatkosh Ref No: 2809210006649 dated 01-10-2021		1st Oct 2021	(Rs.10,800/-) Being balance in travel head refunded to DST through Bharatkosh RefNo: 2809210011003	Rs: 960/-	Rs:1,72,429/-	(Rs: 1,71,469/-) (Advance met by PI)

Component wise utilization of grants:

Grant-in-aid-General	Grant-in-aid-Salary	Grant-in-aid-creation of capital assets	Total
Rs:58,718/- (In this, Rs.57,758/- is met by PI)	Rs:1,13,711/- (Advance met by PI)	-	Rs:1,72,429/-

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 0033735)

- Details of grants position at the end of the year
- Cash in Hand/Bank **Rs: 0/-**
 - Unadjusted Advances **(Rs: 1,71,469/-)**
 - Total **(Rs: 1,71,469/-)** - Advance met by PI

Signature of PI

Date 11/11/21

Signature

Name MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)
Chief Finance Officer
(Head of the Finance) (With seal)

Signature

Name Dr. THARA K. SIMON
Head of the Organisation
Union Christian College
(With seal) Aluva-2

UDIN: 21052405AAAAOV3897



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

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under DST-WOS-A (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: 11.11.2021

Place: Aluva



For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

[Handwritten Signature]

MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)

UDIN: 21252405AAAAOV3897

Signature

Name Chief Finance Officer
(Head of the Finance)' (With seal)

Date

Signature of PI

Date 11/11/21

[Handwritten Signature]
Signature **Dr. JIJARA K. SIMON**
Principal
Union Christian College
Aluva-2
(With seal)

Date



(Strike out inapplicable terms)

BT/HRD/11/054/2019
Government of India
Ministry of Science & Technology
Department of Biotechnology

DBT- STAR

Block No. 2, 6-8th Floor
CGO Complex, Lodi Road
New Delhi-110003
Dated: 10/05/2019

ORDER

In continuation of this department's sanction order of even no. dated 10.05.2019 sanction of the President is hereby accorded under Rule 18. of the delegation of Financial Power Rules, 1978 to the release of an amount of **Rs. 50.00 lakhs (Rupees fifty lakhs only)** to **Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala)** being the **first year release under non-recurring head** for the implementation of the project for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme for financial year 2019-20, as per details given below:-

Head	(Rs. in lakhs)
Non-Recurring Equipment @ Rs. 10.00 lakhs per dept. (Botany, Zoology, Physics, Chemistry and Biotechnology)	50.00

2. The amount of **Rs. 50.00 lakhs (Rupees fifty lakhs only)** will be directly credited by the Pay and Accounts Officer, DBT and disbursed to **The Principal, Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala)** through electronic transfer/RTGS as per the details are given below:-

Name of the Bank	Bank Of India
Branch Name & Address	UC College P.O
Account No.	856610110009043
Nature of Account	Savings
IFSC Code	BKID0008566
MICR Code	682013008

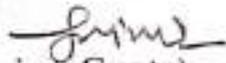
3. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
4. The terms and conditions of the grant remain unchanged.
5. Non-recurring grant shall be utilized within 18 months of their release.
6. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.

Continue...2/-

7. The Principal, Union Christain College, Aluva, Dist.-Ernakulam -683102 (K) will submit the Statement of Expenditure (SE) and audited Utilization Certificate (UC) expenditure in respect of above mentioned amount.
8. Being the first release to the Programme no Utilization Certificate pertaining to this programme is required with the college.
9. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets

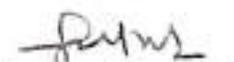
10. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their San No. 102/IFD/SAN/398/2019-20 dated 10.05.2019.
11. This sanction order has been noted at serial No. 20 in the register of grants.


(Dr. Garima Gupta)
Scientist-E

To,
The Pay & Accounts Officer
Department of Biotechnology
New Delhi-110003

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala).
4. Dr. Jenish Paul, Assistant Professor & Head, Department of Chemistry, Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala).
5. Sanction Folder


(Dr. Garima Gupta)
Scientist-E

ORDER

In continuation of this Department's sanction order of even no dated 10.05.2019 sanction of the President is hereby accorded under Rule 18, of the delegation of Financial Power Rules, 1978 to the release of an amount of **Rs. 18.00 lakhs (Rupees eighteen lakhs only)** to **Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala)** being 1st year release under recurring head for the implementation of the project for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme for the financial year 2019-20 as per details given below:-

Head	(Rs. In lakhs) Amount
Recurring to all five depts. @ Rs. 3.00 lakhs per year / per dept. (Botany, Zoology, Physics, Chemistry and Biotechnology)	15.00
Travel Grant (Mentoring, Monitoring and Site Visit) @ Rs. 2.00 lakh per year	2.00
Contingency @ Rs. 1.00 lakh per year	1.00
Total:	18.00

2. The amount of of **Rs. 18.00 lakhs (Rupees eighteen lakhs only)** will be directly credited by the Pay and Accounts Officer, DBT and disbursed to The Principal, **Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala)** through electronic transfer/RTGS as per the details are given below:-

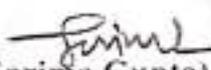
Name of the Bank	Bank Of India
Branch Name & Address	UC College P.O
Account No.	856610110009043
Nature of Account	Savings
IFSC Code	BKID0008566
MICR Code	682013008

3. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.
4. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
6. In case the whole or a part of the amount of the grant in aid is being refunded, an interest at the rate of 10% per annum thereon shall be recovered.
6. The terms and conditions of the grant remain unchanged.

7. The Principal, Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala) will submit the Statement of Expenditure (SE) and audited Utilization Certificate (UC) of expenditure in respect of above mentioned amount.
8. Being the first release to the Programme no Utilization Certificate pertaining to this programme is required with the college.
9. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2019-20

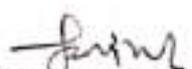
10. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their San No. 102/IFD/SAN/397/2019-20 dated: 10.05.2019
11. This sanction order has been noted at serial No. 33 in the register of grants.


(Dr. Garima Gupta)
Scientist-E

To,
The Pay & Accounts Officer
Department of Biotechnology
New Delhi-110003

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala).
4. Dr. Jenish Paul, Assistant Professor & Head, Department of Chemistry, Union Christain College, Aluva, Dist.-Ernakulam -683102 (Kerala).
5. Sanction Folder


(Dr. Garima Gupta)
Scientist-E

UTILISATION CERTIFICATE
(For the financial year ending 31st March 2020)

1. Title of the project/scheme : Star College Scheme
2. Name of the Organisation: Union Christian College, Aluva
3. Principal Investigator : Dr. Jenish Paul
4. Dept. of Biotechnology sanction order No. & date of sanctioning the project : San No.102/IFD/SAN/396/2019-20 dated 10.05.2019
5. Amount brought forward from the previous financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given : 0
6. Amount received from DBT during the financial year (Please give No. and dates of sanction orders showing the amounts paid) : 68,00,000/- San No. 102/IFD/SAN/396/2019-20 dated 10.05.2019
7. Other receipts/interest earned, if any, on the DBT grants : 1,76,651.00
8. Total amount that was available for expenditure during the financial year (Sl. nos. 5, 6 and 7): 69,76,651.00
9. Actual expenditure (excluding commitments) incurred during the financial year (SoE is enclosed) : 31,066.00



Course
Coordinator
Officer (With Seal)

Dr. Jenish Paul
Research Guide and Assistant Professor
Department of Chemistry
Union Christian College, Aluva



Dr. David Saj Mathew. P.
Principal/Drawing & Disbursing Officer
U. C. College, Aluva
(Head of the Institution/Principal)
(With Seal)



For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN-003373S)

NEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)

Finance/Accounts
(With Seal)

UDIN: 20252405AAAAAJ5398

10. Unspent balance refunded, if any (Please give details of Demand Draft No. etc.): NIL
11. Balance amount available at the end of the financial year : 69,45,585.00
12. Amount allowed to be carried forward to the next financial year vide letter No. & date: 69,45,585.00

1. Certified that the amount of Rs.31,066.00 mentioned against col. 9 has been utilised on the project / scheme for the purpose for which it was sanctioned and that the balance of Rs. 69,45,585.00 remaining unutilized at the end of the year will be adjusted towards the grants-in-aid payable during the next year.
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 utilised for the purpose for which it was sanctioned.

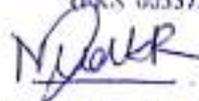
Kinds of checks exercised:

1. Vouchers
2. Bank Statement
3. Sanction Order


Course Coordinator
 (With Seal)
 Assistant Professor
 U. C. College, Aluva


Dr. David Saj Mathew. P.
 Principal/Drawing & Disbursing Officer
 U. C. College, Aluva
 (Head of the Institution/Principal)
 (With Seal)

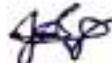


For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FIRN 0033735)

MEENAKSHI RAJKUMAR A.C.A.
 (Partner)
 U. C. College, Aluva (PIN: 252405)

Finance/Accounts Officer
 (With Seal)
 UDIN: 20252405AAAAAJ5398

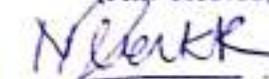
Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from 10th May 2019 to 31st March 2020

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts /interest earned if any, on the DBT grants	Total of Col (2+3+4)	Expenditure (excluding commitments) incurred during the year	Balance (5-6)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
1. Non-Recurring (Equipment)	-	50,00,000.00	-	50,00,000.00	-	50,00,000.00	
2. Recurring	-	15,00,000.00	-	15,00,000.00	31,066.00	14,68,934.00	
3. Travel	-	2,00,000.00	-	2,00,000.00	-	2,00,000.00	
4. Contingency	-	1,00,000.00	-	1,00,000.00	-	1,00,000.00	
5. Interest	-	-	1,76,651.00	1,76,651.00	-	1,76,651.00	
Total		68,00,000.00	1,76,651.00	69,76,651.00	31,066.00	69,45,585.00	


Course Coordinator
 (With rubber stamp)
 Dr. Jen
 Research Guide and Assistant Professor
 Department of Chemistry
 Union Christian College, Aluva


 Dr. David Saj Mathew P.
 Principal / Drawing & Disbursing Officer
 Head of the Institution
 (With rubber stamp)




 Finance/Accounts Officer
 (With rubber stamp)
 UDIN: 20252405AAAAAJ5398



For P. RAJKUMAR & CO.
 CHARTERED ACCOUNTANTS
 (FRN 003373S)

MEENAKSHI RAJKUMAR A.C.A
 (Proprietor)
 (Membership No: 252405)

UTILISATION CERTIFICATE

(For the financial year ending 31st March 2021)

1. Title of the programme/Scheme : Star College Scheme
2. Name of the Organization: : Union Christian College , Aluva
3. Course Coordinator : Dr. Jenish Paul
4. Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme : San No. 102/IFD/SAN/396/2019-20 dated 10.05.2019
5. Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given : Rs.67,68,934.00/-
6. Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid) : Rs.0.00/-
7. Other receipts/interest earned, if any, on the DBT grants to b : Rs.2,11,508.00/-
8. Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7) : Rs.69,80,442.00/-
9. Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed) : Rs.50,78,424.04/-
10. Unspent balance to be refunded, if any (Please give details of cheque No. etc.) : Rs.15,658.00/-
11. Balance amount available at the end of the Financial year : Rs.18,86,359.96/- (excluding Rs.15,658.00/- to be refunded.)

Continue...2/-

12. Amount allowed to be carried forward : Rs.18,86,359.96/- (excluding
to the next financial year vide letter No. Rs.15,658.00/- to be refunded.)
& date

Certified that the amount of Rs.50,78,424.04/- mentioned against Col. 9 has been utilized on the programme/scheme for the purpose for which it was sanctioned and that the balance of Rs.18,86,359.96/- (excluding Rs.15,658.00/- to be refunded.) remaining unutilized at the end of the year will be adjusted towards the grants-in-aid payable during the next year.

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:

1. Vouchers
2. Bank Statement
3. Sanction Order


Course Coordinator
(With rubber stamp)

Dr. Jenish Paul
Research Guide and Assistant Professor
Department of Chemistry
Union Christian College, Aluva

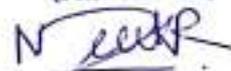

(Head of the Institution/University)

(With rubber stamp)
Dr. Rachel Reena Philip

Principal/Drawing & Disbursing Officer
Union Christian College, Aluva



For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)



MEENAKSHI RAJKUMAR A.C.A.
(Proprietor)
(Membership No: 252405)

UDIN:- 21252405AAAAMF2850

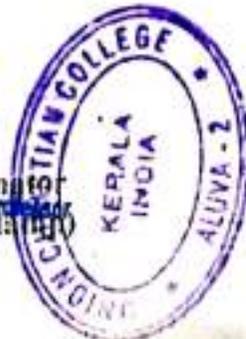
Date:- 14/07/2021

Finance/Accounts Officer
(With rubber stamp)

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from 1st April 2020 to 31st March 2021.

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts/ interest earned if any, on the DBT grants	Total of Col (2+3+4)	Expenditure (excluding commitments) incurred during the year	Balance (5-6)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
				5000000	4984342	15658	
1. Non-Recurring (Equipment)	5000000	0					
2. Recurring	1468934	0		1468934	77758	1391176	
3. Travel	200000	0		200000	12900	187100	
4. Contingency	100000	0		100000	3424.04	96575.96	
5. Interest (if any)			211508	211508		211508	
Total:-	6768934		211508	6980442	5078424.04	1902017.96	

Dr. Jenish Paul
 Research Guide and Assistant Professor
 Department of Chemistry
 Union Christian College, Aluva



Dr. Rachel Daisy Philip
 (Head of the Institution)
 (With rubber stamp)



For P. RAJKUMAR & CO.
 CHARTERED ACCOUNTANTS
 (FRN 003373S)

Meenakshi Rajkumar

MEENAKSHI RAJKUMAR A.C.A
 (Proprietor)
 (Membership No: 252405)
 Finance/Accounts Officer
 (With rubber stamp)

UDIV: 21252405AAAAMF25D
 Date: 14/07/2021

UTILISATION CERTIFICATE

(For the financial year ending 31st March 2022.)

1. Title of the programme/Scheme : Star College Scheme
2. Name of the Organization: : Union Christian College , Aluva
3. Course Coordinator : Dr. Jenish Paul
4. Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme : San No. 102/IFD/SAN/396/2019-20 dated 10.05.2019
5. Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given : 19,02,017.96
6. Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid) : 0.00
7. Other receipts/interest earned, if any, on the DBT grants to b : 76,616.23
8. Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7) : 19,78,634.19
9. Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed) : 16,96,105.00
10. Unspent balance refunded, if any (Please give details of cheque No. etc.) (including unspent amount of Non-Recurring equipment and Interest Received) : 2,27,166.00
11. Balance amount available at the end of the Financial year : 2,82,529.19

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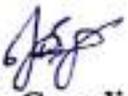
12. Amount allowed to be carried forward : 2,82,529.19
to the next financial year vide letter No.
& date

Certified that the amount of Rs.16,96,105.00/- mentioned against Col. 6 has been utilized on the programme/scheme for the purpose for which it was sanctioned and that the balance of Rs.2,82,529.19/- remaining unutilized at the end of the year will be adjusted towards the grants-in-aid payable during the next year.

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:

1. Vouchers
2. Bank Statement
3. Sanction Order


Course Coordinator
(With rubber stamp)

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)




MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)

Finance/Accounts Officer
(With rubber stamp)

UDIN: 22252405APVRF2990


Dr. M. J. Punnoose
(Head of the Institution/University)
U. G. College Aluva (With stamp)



Statement of Expenditure referred to in para 9 of the Utilization Certificate

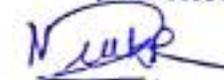
Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from
1st April 2021 to 31st March 2022.

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts/ interest earned if any, on the DBT grants	Total of Col (2+3+4)	Expenditure (excluding commitments) incurred during the year	Balance (5-6)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
1. Non-Recurring (Equipment)	15,658.00	0.00	0.00	15,658.00	15658.00	0.00	
2. Recurring	13,91,176.00	0.00	0.00	13,91,176.00	13,82,375.00	8,801.00	
3. Travel	1,87,100.00	0.00	0.00	1,87,100.00	0.00	1,87,100.00	
4. Contingency	96,575.96	0.00	0.00	96,575.96	86,564.00	10,011.96	
5. Interest (if any)	2,11,508.00	0.00	76,616.23	2,88,124.23	2,11,508.00	76,616.23	
Total :-	19,02,017.96	0.00	76,616.23	19,78,634.19	16,96,105.00	2,82,529.19	




Course Coordinator
(With rubber stamp)


Dr. M. I. Punnoose
Principal in Charge
(U.C. College, Aluva)
(With rubber stamp)


MEENAKSHI RAJKUMAR A.C.A
Finance/Accounts Officer
(Proprietor)
(With rubber stamp)
(Membership No: 252405)

UDIN: 22252405APVRF2990

UTILISATION CERTIFICATE

(For the period from 1st April 2022 to 31st July 2022)

1. Title of the programme/Scheme : Star College Scheme
2. Name of the Organization: : Union Christian College , Aluva
3. Course Coordinator : Dr. Jenish Paul
4. Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme : San No. 102/IFD/SAN/396/2019-20 dated 10.05.2019
5. Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given : 2,82,529.19
6. Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid) : 0.00
7. Other receipts/interest earned, if any, on the DBT grants to b : 8,638.00
8. Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7) : 2,91,167.19
9. Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed) : 2,000.00
10. Unspent balance refunded, if any (Please give details of cheque No. etc.) (including unspent amount of Non-Recurring equipment and Interest Received) : 2,89,167.19
11. Balance amount available at the end of the Financial year : 0.00

Continue...

12. Amount allowed to be carried forward : 0.00
to the next financial year vide letter No.
& date

Certified that the amount of Rs.2,000.00/- mentioned against Col. 6 has been utilized on the programme/scheme for the purpose for which it was sanctioned and that the balance of Rs.2,89,167.19/- remaining unutilized at the end of the period will be refunded back to the Department of Bio-Technology.

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:

1. Vouchers
2. Bank Statement
3. Sanction Order


Course Coordinator
(With rubber stamp)




Principal in Charge
(With rubber stamp)
U. C. College Aluva


For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

MEENAKSHI RAJKUMAR A.C.A.
(Proprietor)
(Membership No: 252405)

Finance/Accounts Officer
(With rubber stamp)

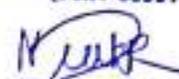
UDIN: 22252405APVSEK9674

Statement of Expenditure referred to in para 9 of the Utilization Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from
1st April 2022 to 31st July 2022.

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts/ interest earned if any, on the DBT grants	Total of Col (2+3+4)	Expenditure (excluding commitments) incurred during the year	Balance to be Refunded (5-6)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
1. Non-Recurring (Equipment)	0.00	0.00	0.00	0.00	0.00	0.00	
2. Recurring	8,801.00	0.00	0.00	8,801.00	0.00	8,801.00	
3. Travel	1,87,100.00	0.00	0.00	1,87,100.00	0.00	1,87,100.00	
4. Contingency	10,011.96	0.00	0.00	10,011.96	2,000.00	8,011.96	
5. Interest (if any)	76,616.23	0.00	8,638.00	85,254.23	0.00	85,254.23	
Total :-	2,82,529.19	0.00	8,638.00	2,91,167.19	2,000.00	2,89,167.19	

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 0033735)


MEENAKSHI RAJKUMAR A.C.A.
(Proprietor)

(Membership No. 252405)
Finance/Accounts Officer
(With rubber stamp)




Course Coordinator
(With rubber stamp)


Dr. M. I. Punnose
Principal In Charge
(With rubber stamp)



UDIN: 22252405 4PVSEK 9674

WOMEN CELL IN WOMEN'S COLLEGES IN KERALA

Introduction

Women which constitute more than half of the population have been discriminated against in every aspect of life. She plays the role of the daughter, the wife, the mother and the working professional who gives equal importance to her family as well as her career. They have proved their determination in many professions like media, management, astronomy, administration, politics, defense, sports, beauty, astrology, arts and so on. Every woman has the innate power and they need to be empowered for the overall development of the nation. Today's youth is tomorrow's citizens, If the women are provided all essential helps in their younger age itself, then they can reach a position of self-realization.

*'The youth in India is not useless they are **used less**
And the youth in India is not careless, but they are **cared less**'*

These words by the former honorable President **Dr. A.P.J Abdul Kalam** is very meaningful. So we have to harness the potential energy of the youth for the social and economic development which leads to National development. Majority of the students who leave college do not have a proper career planning and they may not be able to select jobs according to their choice, This leads to low morale, disinterest and demotivation translating into poor performance even if placed somewhere. But if they were pointed out in the correct direction, they would have become assets to the country, Awareness is the key. Information about chances and opportunities is the key to become a successful human being.

As today's youth is tomorrow's citizens, KSWDC aims at helping the younger generation to rediscover the strengths which lies inside them, KSWDC proposes to start a '**women Cell for a cause**' in 52 Govt/Aided colleges in Kerala to motivate the younger crowd and to develop their interpersonal skills.

'Women cell' will be built on sustainability model so that they can enhance the skills of other students also. Their main aim is to connect the youth with socially relevant issues. The women cell will act as 'change agents' who can transform the youth into a vibrant community. They make them aware of the issues involved in their society

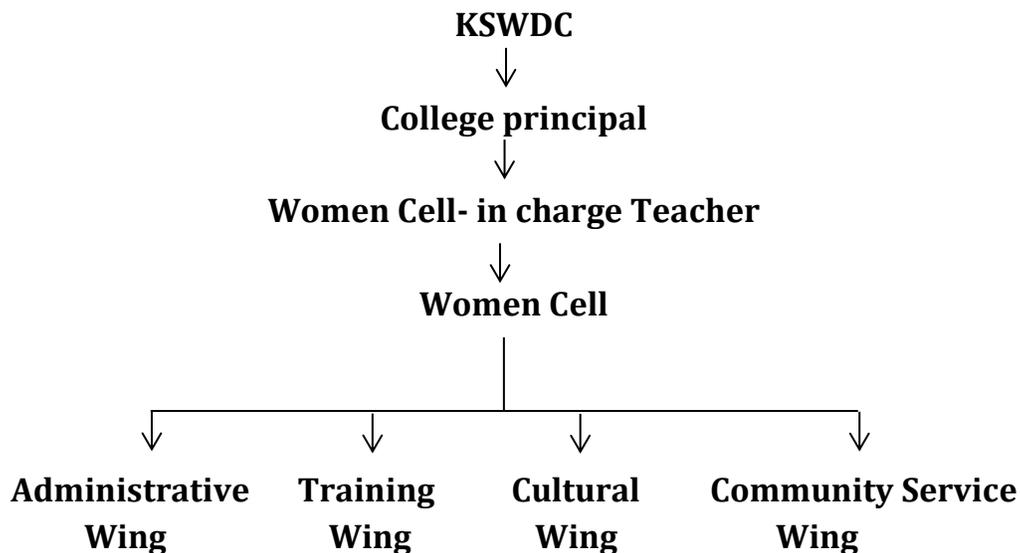
and also equip them with adequate management skills to handle day -to- day affairs. The women cell will be the face of KSWDC in the colleges.

Objectives of Women cell

- To inculcate among the youth a sense of social commitment.
- To act as a linking channel between the community women and KSWDC (Government)
- To provide training for women so that they become empowered in their younger age thereby making them self-sustainable in the society.
- To create a feel of empathy among the youth to their fellow beings.
- To explore their innate talents and utilize them to the maximum for the betterment of the society.

Structure of women cell

- KSWDC
- Institution
- Women Cell
- Women cell-in charge Teacher
- Committee



The Women cell will be headed by two student representatives and they will be monitored by the women-cell-in-charge teacher selected by the principal of each college. Interested students from each college can join the women cell as its

members. A minimum of 50-100 students can be the members of each women cell, KSWDC will tie-up with each college and the functioning of the women cell shall be monitored by the principal of the respective colleges. The overall monitoring will be done by KSWDC.

Each college will be given Rs.25,000/- for the functioning of Women cell in an academic year. KSWDC will pay the fees (up to Rs.5000/-) of 1 student from each college. Women cell can select one eligible student for this and they must have excellent academic records and their annual income should be less than Rs.100000/-. In order to release the amount recommendation letter from Principal mentioning the fees amount attested copy of their mark list and attested copy of income certificate from village office should be forwarded to KSWDC. The 52 colleges will have to perform any 4 programmes from the proposed programmes of KSWDC and document each programmes. (the detailed programmes are given below) The final report shall include the reports of the programmes conducted with respective proofs & documents, the expenditure statement of each programme which is verified by accounts department & authorized person of each college. These reports shall be handed over to KSWDC by each college.

GENERAL GUIDELINES OF WOMEN CELL

a) Scrutiny and Sanction:

- (i) KSWDC will call for proposals from each Women's college KSWDC will scrutinize every project proposal received from Women's colleges,
- [ii) After scrutiny of the project KSWDC will issue a sanction letter in respect of every approved project.

b) Condition of Grants

- (i) The allocated amount of Rs,25, 000/- will be released in four installments. 40 % of the sanctioned grant will be released to the college after the sanction of the project.
- (ii) The second installment 20% will be paid only after the receipt of the **final report** and its acceptance by KSWDC
- (iii) The third installment 20% will be paid only after the receipt of the **audited statement of accounts** for all expenditure incurred together with a utilization certificate.

[iv] The fourth installment 20% will be paid only after the receipt of the final report which shall include the reports of the programmes conducted with respective proofs & documents, the expenditure statement of each programme which is verified by accounts department & authorized person of each college. These reports shall be handed over to KSWDC by each college, Any **unspent balance** out of this grant will be refunded by the institution immediately.

C) Monitoring

KSWDC has the overall responsibility of monitoring of KSWDC'S Women cells in women colleges.

The 52 colleges will have to perform any 4 programmes from the below proposed programmes of KSWDC. The respective colleges shall conduct any four programmes:

- 1) **Awareness training** - Any one training programme out of 5 proposed programmes. (please refer part 2 [A] which is given below)

OR

Seminar - A half-day seminar [please refer part 2 (B) which is given below]

- 2) **Open forum** - One session of Open forum (please refer part 2 (C) which is given below)

OR

Creative workshop - One session of any creative workshop (please refer part 2 (D) which is given below)

- 3) **Cultural programmes** - Any two cultural programmes out of three mentioned programmes (please refer part 3 which is given below)
- 4) **Community Intervention programmes** (please refer part 4 which is given below (4))

Programmes & Activities of Women Cell

1) ADMINISTRATIVE WING

This committee constitutes of two leaders, Treasurer, and the representative members from the other three wings. The committee shall maintain the proper accounts of the women cell. They shall consult with the respective women-cell-in-charge teacher and shall be responsible for submitting the final reports & necessary documents to KSWDC.

2) TRAINING WING

A) Training Programmes shall include: (any one)

- a. Soft skill training
- b. IT skill training
- c.. Gender Awareness
- d. Stress management training
- e.College shall suggest any other women empowerment programme
(to be approved by KSWDC)

B) Seminar:

The Women cell could organize half-day seminar involving any personalities/ resource persons. The audience shall be students, Teachers & preferably invited community members also. The seminars should be on any topics related to women.

C) Open forum:

The women cell shall create an open forum in their college where the participants will be student teachers, community organizers, social activists. The forum is to express the views, experiences and suggestions on different topics. The discussions can be based on social issues & current affairs. Through these discussions, the students become aware of the ground reality and this inculcates in them a social responsible attitude. As an outcome to these discussions, the training wing members shall collect the queries from the audience & post the same in KSWDC'S Virtual gender forum www.kswdc.org in this way the students & public will get an opportunity to interact with the experts through the virtual site.

OR

D) Creative Workshops:

The Women cell can conduct workshops on making things like paper bag/jewellery making/Fabric painting/soft toy making.

3) CULTURAL WING (any two programmes from the below three)

Programme Planning and Event Management - Through conducting seminar, workshops & cultural programmes, the students will be moulded to improve their event management skills.

a) Cultural Programmes:

The cultural wing shall organize cultural performances which conveys the social messages of women empowerment & gender awareness, Street Plays are effective & Powerful medium of communication. The women cell can conduct street play competitions based on social issues like women empowerment, gender awareness, female feticide, dowry prohibition, women's fights, etc so that others become aware of these issues. They can also invite the women from community to attend these programmes so that the message could be conveyed to them as well which will enlighten them to fight against these social evils. In this way, Women cell could channelize the relevant messages to the society and we could build a socially committed youth which will cater for the holistic development of the Nation.

b) Film/documentary screening - social issue based

Any documentary/film based on social issues shall be screened in their college by women cell. The film review will enable the students to be aware of the social issues.

c) Publishing manuscript

The students can publish their talents in art poems, story paintings, and articles as manuscript. A copy of the same shall be sent to KSWDC and another one shall be maintained in the college library.

4) COMMUNITY SERVICE WING

Community Intervention programmes (Social commitment)

Partnership with the community: 'The women cell with other members from the college may visit the houses of their nearby communities during any weekends and interact with the community. They may also coordinate awareness class for community women on women & child rights, domestic violence, gender awareness. They can identify any issues related to women, identify the intervention strategies and prepare a workable proposal as a solution to these issues. This proposal can be submitted to KSWDC, This will help KSWDC to formulate programmes & policies for the betterment of the community. They may also visit any old age home/Palliative centers/orphanages and spend effective time with them.

Installing 'Complaint box' in the Women cell in Women Colleges:

KSWDC also suggests that each women cell may install a complaint box in their college. The students who cannot raise their issues in public can post their complaints/concerns in the complaint box placed in the Women cell in every college. The complaints which need high attention & counseling may be diverted through the leaders of women cell to Women-cell-in charge teachers. The teachers may refer the relevant cases to KSWDC for further procedures.



The Kerala State Women's Development Corporation Ltd

www.kswdc.org

To the Women Cell Teacher Co-ordinator

1. Schedule of the programmes, venues, durations etc may be communicated adequately in advance
2. Teacher Co-ordinator should send the details of the 2 office bearers each of Training wing, cultural wing, community intervention wing and 5 volunteers for 181 WHL (Name, Class, Phone number and email id)
3. Sessions by KSWDC/ REACH/181 WHL shall be arranged on request
4. **Banners, Certificates, complaint box, brochures, mementos to resource persons, vouchers and any other publicity materials must indicate the name and logo of KSWDC and MITHRA 181 WHL and it must be circulated that the programme is sponsored by KSWDC**
5. Acknowledgement of the 1st and final installments shall be done within 7 days of its receipt.
6. **Financial Assistance (1 student)** request to be forwarded soon after the receipt of 1st installment and once the account payee cheque being released, the acknowledgement of the same shall be done within 7 days. **The cheque shall be handed over to the student on an open event. Photographs of the same shall be send to project1@kswdc.org**
7. Community Intervention programmes- the grounding experience- for a cause with a commitment-Women Cell members should mobilize the resources internally. **No donations to any organizations from the allocated fund are appreciated.**
8. Publishing Manuscript

- Handwritten magazine
- Title
- **Message from KSWDC**
- Principal's message
- WC Teacher Co-ordinator message
- Editorial
- Articles and Arts

Manuscript shall be send to KSWDC and one copy of the Manuscript shall be maintained in the College library. Best Manuscript will get a recognition.

9. Vouchers and banners for Outdoor activities/ Community Intervention Programmes should contain logos of KSWDC, URL Website and address & MITHRA 181 WHL
10. Photographs of all activities conducted and the handing over of KSWDC Financial assistance cheque shall be send to project1@kswdc.org and the selected photos will be uploaded on our official website.

Utilization Certificate

Certified that Rupees Twenty Five thousand (₹25000/-) sanctioned by Kerala State Women Development Corporation (KSWDC) for the Women cell programmes and activities in the academic year of 2018-19, was fully utilized for the purpose for which it was sanctioned.

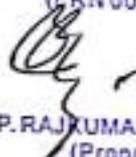

Name and signature
(Co-Ordinator)


Name and signature
(Head of the Institution)

TRESA DIVYA T.J
Asst. Professor
Dept. Of History, U.C College
Aluva- 2



For P. RAJKUMAR & CO.
(Chartered Accountant)
(ERN 003373 S)


P. RAJKUMAR B.Sc, F.C.A
(Proprietor)
(Membership No: 28769)

Date : 27.06.2019.

**Kerala State Women Development Corporation- Women Cell
Union Christian College, Aluva
Statement of Expenditure 2018-2019**

Sl no	Date	Bill no.	Particulars	Amount	Total
1	21/01/19	202	Sree Narayana Printing- Brochure Designing	500	500
2	21/01/19	071	Voucher - Honorarium	3000/-	3500
3	21/10/19	477	Indus sounds	4000/-	7500
4	02/02/19	085	Voucher - Honorarium	4000	11500
5	04/02/19	058	Voucher - Honorarium	3000	14500
6	01/03/19	92482142	Train ticket	780	15280
7	08/03/19	084	Voucher - honorarium	3000	18280
8	8/03/19	238	Canteen Bill	1255	19535
9	08/03/19	299	Canteen Bill	2800	22335
10	08/03/19	468	Indu Sounds	4000	26335
Total					26335
				Sanctioned amount	25000/-
				Advance received	10000/-
				Balance claiming	15000/-

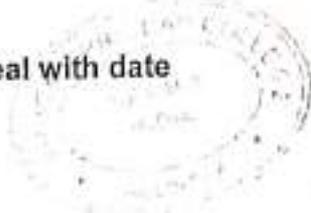
Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSWDC for women cell in Union Christian College, Aluva.

Dhy
Name & Signature
of Co-ordinator

Tresa Dhyva
Tresa Dhyva
Dept. of History, U.C. College
Assistant Professor
Women cell in-charge

[Signature]
Name & Signature
of Head of the Institution

Office Seal with date



UDIN:19028769AARABM1846

For P. Nair & Signature
of Chartered Accountant
(FRN 0033733)

[Signature]
P. RAJKUMAR B.E., F.C.A.
(Member of Association)

Date: 27.06.2019.

ORDER

Dated: 11-Mar-2019

Subject: Financial Sanction of the research project titled "Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT applications." under the guidance of Dr. Jeslina R., Physics, Union Christian College, UC college rd, Aluva, Etnakulam, Kerala-683102 and by Dr. ANIL A T I, Associate Professor, Physics, Union Christian College and by Dr. Asha A S, Assistant Professor, Physics, Cochin University Of Science And Technology and by Prof. Madamb K Jayaram, Professor, Department Of Physics, Cochin University Of Science And Technology - Release of 1st grant

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 1452000/- (Rs. Fourteen Lakh Fifty Two Thousand Only) with break-up of Rs. 0/- under Capital (Non-recurring) head and Rs. 1452000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 1452000/- has been approved are given below

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment	
A	Total (Non-Recurring)	0
B	Recurring Items	
1	Recurring - I (Manpower)	500000
	Recurring - II (Consumables, Travel, Contingencies)	600000
	Recurring - III : Scientific Social Responsibility	60000
2	Recurring - IV (Overhead Charges)	
B	Total (Recurring)	1320000
C	Total cost of the project (A + B')	1452000

2. Sanction of the SERB is also accorded to the payment of Rs. 524000/- (Rupees Five Lakh Twenty Four Thousand only) under 'Grants-in-aid General' to Principal, Union Christian College, UC College Rd, Aluva, being the first installment of the grant for the year 2018-2019 for implementation of the said research project

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER). This release is being made under Core Research Grant. (PAC Condensed Matter Physics and Material Sciences)

4. The sanction has been issued to Union Christian College, UC College Rd, Aluva with the approval of the competent authority under delegated powers on 09 March, 2019 and was Darcy No. SERB/F/12035/2018-2019 dated 09 March, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in)

6. Overhead expenses are meant for the host institute towards the cost for providing infra-structural facilities and general administrative support etc. including benefits to the staff employed in the project

7. While providing operational flexibility among various subheads under head recurring B II should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and consultancy

8. As per rule 20 of GFR, all accounts of project shall be open to inspection by competent authority, and whenever the institute is called upon to do so.

credit on 12/3/19
 entered cash book on - 10/4/19

9. The sanctioned equipment would be procured at per GFB and its disposal of the same would be done with prior approval of SERB.

12. The release amount of Rs. 524000/- (Rupees Five Lakh Twenty Four Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their bank details given below.

Account Name	The Principal, Beshmi R Pulsed laser
Account Number	856610110009076
Bank Name & Branch	Bank of India U C College 1 193A Near Rural M E UC College P O Alava ERnakulam Kerala
IFSC/RTGS Code	BIKI0008566
Email id of A/C Holder	principal@ucccollege.edu.in
Email id of PI	rreshmi@gmail.com

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

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

13. The project File no. CRG/2018/003785 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

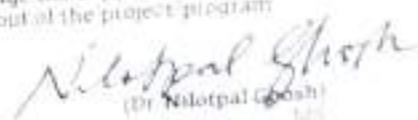
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project.

15. As this is the first grant being released for the project, no previous U/C is required.

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

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project program funded by the Science & Engineering Research Board.


(Dr. Nilotpal Ghosh)
125
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to -

1.	The Principal Director, FA and AEC, Building 33B/Flour 1P, Faridkot
2.	Section Officer, ERF, New Delhi
3.	File Copy

Dr. Reshmi R
Physics
Union Christian College, UC college rd, aluva, Ernakulam, Kerala 683162
Email: reshmi@gmail.com
Mobile: 919446127331

Dr. ANILA E I
Physics
Union Christian College

Dr. Asha A S
Physics
Cochin University Of Science And Technology

Prof. Madambi K Jayaram
Department Of Physics
Cochin University Of Science And Technology
(Start date of the project may be intimated by name to the undersigned For
guidance, terms & Conditions etc. Please visit www.serb.gov.in)

Principal,
Union Christian College, UC College Rd, Aluva

(Receipt of Grant may be intimated by name to the undersigned)

Nilotpal Ghosh

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

File No. SERB/003785/2020

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
 A statutory body of the Department of Science & Technology (Government of India)

S.A.S. Tower Ground Floor
 Connaught Square, Mad
 Plot No. 6 Community Centre
 Sector D, Block 5, Vasant Vihar
 New Delhi - 110067

Date: 08 Oct 2020

ORDER

Subject: Research project entitled "Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT applications" under the guidance of Dr. Reshmi R, Physics, Union Christian College, UC College Rd, Aluva Ernakulam, Kerala-68402 and by Dr. ANILA E.E. Associate Professor, Physics, Union Christian College.

1. This is in continuation of SERB's sanction order No. "CEG/2018/003785" dated 11 March, 2019 of Science and Engineering Research Board (SERB)
2. Sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 450000/- (Rupees Four Lakh Fifty Thousand only) under Grants-in-aid General to Principal, Union Christian College, UC College Rd, Aluva being the 2nd grant for the financial year 2020-2021 for implementation of the above said project
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 19576/- (Rupees Nineteen Thousand Five Hundred and Seventy Six only) [Recurring Rs. 19576 and Non-Recurring Rs. 0] to Union Christian College, UC College Rd, Aluva from FY 2019-2020 to FY 2020-2021 for the same purpose for which it was sanctioned
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of CFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith
6. The expenditure involved is debit to Fund for Science & Engineering Research (FSER). This release is being made under Core Research Grant. (PAC Physics-1 (Condensed Matter Physics and Material Sciences))
7. The Sanction has been issued to Union Christian College, UC College Rd, Aluva with the approval of the competent authority under delegated powers on 07 October, 2020 and vide Diary No. SERB/F/3961/2020-2021 dated 07 October, 2020
8. The release amount of Rs. 450000/- (Rupees Four Lakh Fifty Thousand only) [Recurring Rs. 450000 and Non-Recurring Rs. 0] will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

PFMS Unique Code	NA
Account Name	The Principal, Reshmi R Pulsed laser
Account Number	856610110009076
Bank Name & Branch	Bank of India U C College J 193A Near Rural M F UC College P O Aluva Ernakulam Kerala
IFSC/RTGS Code	BKID0008566
Email id of A/C Holder	principal@uccollege.edu.in
Email id of PI	reshmi@gmail.com

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant
10. As per rule 211 of CFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so
11. The institute will furnish to the SERB, Utilization certificate (separate for Recurring & Non Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi
13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report
14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India

Rs. 4,50,000/- Credited on 20/10/2020
 entered the Cash book on 27/10/2020

Nilotpal Ghosh
(Dr. Nilotpal Ghosh)
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A G C, B Building, 11/12 Floor I P Estate, Delhi 110002
2.	Sanction Folder, SERB - New Delhi
3.	File Copy
4.	Dr. Reshmi R Physics Union Christian College, Uc college rd, aluva, Ernakulam, Kerala-683102 Email: rreshmi@gmail.com Mobile: 919446127331 Dr. ANILA E I Physics Union Christian College
5.	Principal,, Union Christian College, UC College Rd, Aluva

Nilotpal Ghosh
(Dr. Nilotpal Ghosh)
nilotpal@serb.gov.in

RTGS/NEFT UTR/ TRANS No. 000155646795 -- File No. CRG/2018/003785

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: serbinfo1@gmail.com

Wed, Oct 21, 2020 at 7:45 AM



Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament - SERB Act 2008)
Department of Science and Technology, Government of India

Dear Sir/Madam,

I am directed to refer to Science & Engineering Research Board (SERB) sanction order no **CRG/2018/003785** dated **07 October, 2020** and forward here with the following for information and necessary action:

RTGS/NEFT UTR Transaction no. 000155646795 dated 20 October, 2020.
Rs 450000/- (Four Lakh Fifty Thousand) transferred to A/c No. : 856610110009076 . Bank Name/Branch : Bank of India - U C College 1 193A Near Rural M E UC College P O Aluva ERnakulam Kerala
SERB/F/3961/2020-2021

CONFIRMATION OF RECEIPT OF GRANTS MAY KINDLY BE SENT BY EMAIL ONLY SEPARATE UTILIZATION Certificates (UCs) for Recurring and Non-Recuring Grants (even if DISBURSED BY SERB THROUGH SANCTION ORDER for your project) should be uploaded online within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent installment of grant is due for release or not, however, if any unspent balance is to be refunded, kindly ensure that the un-utilized amount may be returned immediately by way of an a/c payee cheque/DD drawn in favour of "Fund for Science & Engineering Research" payable at New Delhi and forwarded to the undersigned at the address given below :

The Finance & Budget Officer
Science & Engineering Research Board (SERB)
5 & 5A, Lower Ground Floor, Vasant Square Mall,
Vasant Kunj, New Delhi 110070

***** | FGAI DISCLAIMER *****

| SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline <https://www.twitter.com/serbonline> |

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Don't want to receive such notification anymore? Click here to send an email to serbinfo1@gmail.com

Handwritten notes in red ink at the top left corner.

Gmail logo

Saranya Sasi <saranyasasi21@gmail.com>

Fwd: SERB-Notification

1 message

Reshmi R <rreshmi@gmail.com>
To: Saranya Sasi <saranyasasi21@gmail.com>

Tue, Oct 26, 2021 at 12:03 PM

----- Forwarded message -----
From: <[redacted]>
Date: Tue, Oct 26, 2021 at 10:42 AM
Subject: SERB-Notification
To: <[redacted]>



Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

FILE NO. CRG/2018/003785

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 25-Aug-2021

ORDER

Subject: Research project entitled **"Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT applications."** under the guidance of Dr. Reshmi R, Physics, Union Christian College, Uc college rd, aluva, Ernakulam, Kerala-683102 and by Dr. ANILA E I, Professor, Physics And Electronics, Union Christian College.

1. This is in continuation of SERB's sanction order No. "CRG/2018/003785" dated "11 March, 2019" of Science and Engineering Research Board (SERB).
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 400000/-** (Rupees Four Lakh only) under 'Grants-in-aid General' to **Principal, Union Christian College, UC College Rd, Aluva** being the 3rd grant for the financial year 2021-2022 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 25892/-** (Rupees Twenty Five Thousand Eight Hundred and Ninety Two only) (Recurring Rs. 25892 and Non-Recurring Rs. 0) to Union Christian College, UC College Rd, Aluva from FY 2020-2021 to FY 2021-2022 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([\[redacted\]](#)).

5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC's is/are enclosed herewith:

6. The expenditure involved is debitable to: **Fund for Science & Engineering Research (FSER)**

This release is being made under Core Research Grant. (PAC Physics-1 (Condensed Matter Physics and Material Sciences))

7. The Sanction has been issued to Union Christian College, UC College Rd, Aluva with the approval of the competent authority under delegated powers on **12 August, 2021** and vide Diary No. **SERB/F/2309/2021-2022** dated **13 August, 2021**

8. The release amount of **Rs. 400000/-** (Rupees Four Lakh only) (Recurring Rs. 400000 and Non-Recurring Rs. 0) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	UCCA
Account Name	The Principal, Reshmi R Pulsed laser
Account Number	856610110009076
Bank Name & Branch	Bank of India U C College 1 193A Near Rural M E UC College P O Aluva ERnakulam Kerala
IFSC/RTGS Code	BKID0008566
Email id of A/C Holder	principal@uccollege.edu.in
Email id of PI	reshmi@gmail.com

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

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate (separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, 11 th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Reshmi R Physics Union Christian College, Uc college rd, aluva, Ernakulam, Kerala-683102 Email: rreshmi@gmail.com Mobile: 919446127331 Dr. ANILA E I Physics And Electronics Union Christian College
5.	Principal,, Union Christian College, UC College Rd, Aluva

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

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

File Number: CRG/2018/003785

Dated: 05-Mar-2022

Subject: Project titled "Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT applications."

Dear Dr. Reshmi R,

I am pleased to inform you that the SERB has no objection in extending the duration of above mentioned project by **two months** i.e. from **12-03-2022** to **11-05-2022** without any additional funds.

Yours sincerely,

(Dr. Nilotpal Ghosh)MS

Ph: Ph: 911140000396

Email: niilotpal@serb.gov.in

Dr. Reshmi R

Physics

Union Christian College , Uc college rd, aluva, Ernakulam, Kerala-683102

GFR 12 - A
 [(See Rule 238 (1))]
 UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2018-2019
 In respect of **RECURRING**
 as on 31.03.2019 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 : Union Christian College Aluva.....
2. Name of Principal Investigator(PI) Dr.Reshmi R.....
3. SERB Sanction order no. & date CRG/2018/003785...& 11-03-2019...
4. Title of the Project: Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
5. Name of the SERB Scheme :CRG..... (CRG/NPDF/ECR.....etc.)
6. Whether recurring or non-recurring grants : **RECURRING**

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 (12-03-2019 to 31-03-2019)			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/2018/003785	11-03-2019	524000	524000	Nil	524000

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Overhead(Nil), Manpower(Nil), Consumables(Nil), Contingency (Nil), Travel(Nil), SSR(Nil)	NIL	NIL

Details of grants position at the end of the year

- (i) Balance available at end of financial year : 524000/-
- (ii) Unspent balance refunded to SERB (If any) : NIL
- (iii) Balance (Carried forward to next financial year) if applicable : 524000 /-

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR ..2018 2019
 in respect of **RECURRING**
 as on **31 March** 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 **CRU** (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: 07/09/2020

Place: Aluva

 M. RESHMI R Assistant Professor Dept of Physics U C College, Aluva 2 Signature of PI	For P. RAJKUMAR & CO. CHARTERED ACCOUNTANTS (FRN-0033735)  Signature with Seal :..... N. NAKSHI RAJKUMAR A.C.A Chief Finance Officer (Head of Finance) (Membership No: 252405)	 Signature with Seal :..... Dr. David Saji Mathew P. Principal/In-charge & Disbursing Officer U. C. College Aluva Head of Organisation
--	---	---

UOIN: 20252405AAAAAT2879

(Strike out inapplicable terms)



GFR 12 - A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2018-2019
in respect of NON-RECURRING
as on 31st March 2019 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 : ... Union Christian College Aluva...
2. Name of Principal Investigator(PI) Dr.Reshmi R
3. SERB Sanction order no. & date ...CRG/2018/003785... & 11-03-2019....
4. Title of the Project..... Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
5. Name of the SERB Scheme : ...CRG..... (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 : 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
NIL	NIL	NIL	-	-	NIL	NIL	NIL	NIL

Component wise utilization of grants:

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

Details of grants position at the end of the year

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

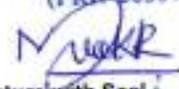
GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR ...2018-2019
 in respect of **NON-RECURRING**
 as on **31.03.2019** to be submitted to SERB
 is the UC ...**Audited**... (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

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 **CRUT** (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: **07/09/2020**
 Place: **Aluva**

VDEN: 20252405AAAAAT2879

 Dr. RESHMI R Assistant Professor Dept of Physics U C College, Aluva 2 Signature of PI:	For P. RAJKUMAR & CO. CHARTERED ACCOUNTANTS (FRN 003373S)  Signature with Seal N. N. RAJKUMAR A.C.A Chief Finance Officer (Head of Finance) (Membership No: 252405)	 Dr. David Saj Mathew. P. Principal Drawing & Disbursing Officer Name U. C. College, Aluva Head of Organisation
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(Strike out inapplicable terms)



2018-19

Annexure-IIREQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. SERB Sanction Order No and date : CRG/2018/003785 Dated 11-03-2019
2. Name of the PI : Dr. Reshmi R
3. Total Project Cost : 1452000
4. Revised Project Cost : NA
(if applicable)
5. Date of Commencement : 12-03-2019
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

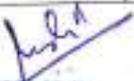
Month & year 2018-2019	Expenditure
March	NIL
Total	NIL

1. Grant received in each year:
 - a. 1st Year : 5,24000 /-
 - b. 2nd Year : NIL
 - c. 3rd Year : NIL
 - d. Interest, if any : NIL
 - e. Total (a + b + c + d) : 5,24000/-

Statement of Expenditure

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

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) 12-03-2019 to 31-03-2019 (IV)	1 st Year (1 st April to 31st March next year) 01-04-19 to 31-03-2020 (IV)	2 nd Year (1st April to 31st March next year) (V)	3 rd Year (1st April to 31st March next year) (VI)				
1.	Manpower costs	660000	Nil				Nil	660000	2,11200	
2.	Consumables	280000	Nil				Nil	280000	1,00000	
3.	Travel	50000	Nil				Nil	50000	10000	
4.	Contingencies	270000	Nil				Nil	270000	90000	
5.	Equipment	Nil	Nil				Nil	Nil	Nil	
6.	Overhead expenses	132000	Nil				Nil	132000	92800	
7.	Scientific Social Responsibility (SSR)	60000	Nil				Nil	60000	20000	
8.	Total	1452000	Nil				Nil	1452000	524000	

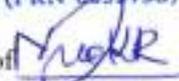
Name and Signature of Principal Investigator: 

Date: 07/04/2020

* 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.

Signature of Competent financial authority:  **P. RAJKUMAR & CO.**
(with seal) Date: 07/04/2020

CHARTERED ACCOUNTANTS
(FRN 0039735)

MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)

UDIN: 20252405AAAAAT2879

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2019-2020
 in respect of **RECURRING**
 as on 31.03.2020 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 : Union Christian College Aluva.....
2. Name of Principal Investigator(PI) Dr.Reshmi R.....
3. SERB Sanction order no. & date CRG/2018/003785...& 11-03-2019...
4. Title of the Project: Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
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 : 524000
 - (ii) Others, if any : NIL
 - (iii) **Total** : **524000**

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 (1-04-2019 to 31-03-2020)			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
524000	10362	Nil			Nil	534362	514786	19576

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Overhead(92800), Manpower(207093), Consumables(99336), Contingency(89969), Travel(5588), SSR(20000)	NIL	514786

Details of grants position at the end of the year

- (i) Balance available at end of financial year : 19576/-
- (ii) Unspent balance refunded to SERB (If any) : NIL
- (iii) Balance (Carried forward to next financial year) if applicable : 19576/-

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2019-2020
 in respect of **RECURRING**
 as on **31 MAY 20** 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 **CRU** (CRG/NPDF/IECR.....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: 12/06/2020

Place: Aluva

UDIN: 20237813AAAAHD8693

<p>Signature of PI: </p> <p>Dr. S. SHMIR Assistant Professor Dept of Physics U.C College, Aluva</p>	<p>For SINDHU.TS & ASSOCIATES CHARTERED ACCOUNTANTS (FRN 017088 S)</p> <p></p> <p>SINDHU.TS.ACA (Proprietor)</p> <p>Signature with Seal: 20237813)..... Name: Chief Finance Officer (Head of Finance)</p>	<p></p> <p>Dr. David Saj Mathew. P. Principal/Drawing & Disbursing Officer Name: David Saj Mathew P. Head of Organisation</p>
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(Strike out inapplicable terms)

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2019-2020
in respect of NON-RECURRING
as on 31 March 2020 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 : ...Union Christian College Aluva...
2. Name of Principal Investigator(PI)Dr.Reshmi R
3. SERB Sanction order no. & date ...CRG/2018/003785...& 11-03-2019....
4. Title of the Project..... Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
5. Name of the SERB Scheme :CRG..... (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 : 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
NIL	NIL	NIL	-	-	NIL	NIL	NIL	NIL

Component wise utilization of grants:

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

Details of grants position at the end of the year

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

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2019-2020
 in respect of **NON-RECURRING**
 as on 31.03.2020 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 C.R. 157 (CRG/NPDF/IECR.....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: 12/06/2020

Place: Aluva

UDIN: 20237813AAAHD8693

<p style="text-align: center;"><i>[Signature]</i></p> <p>Signature of PI:</p> <p style="text-align: center;">Dr. RESHMI R Assistant Professor Dept of Physics U C College, Aluva 2</p>	<p style="text-align: center;"><i>[Signature]</i></p> <p>Signature with Seal:</p> <p>Name:</p> <p>Chief Finance Officer (Head of Finance)</p> <p style="text-align: center;">For SINDHU.TS & ASSOCIATES CHARTERED ACCOUNTANTS (FRN 017088 S) SINDHU.TS.ACA (Proprietor) (Membership.No:237813)</p>	<p style="text-align: center;"><i>[Signature]</i></p> <p>Signature with Seal:</p> <p>Name:</p> <p>Head of Organisation</p> <p style="text-align: center;">Dr. David Saj Mathew. P. Principal/Dean & Disbursing Officer U C College, Aluva</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 : CRG/2018/003785 Dated 11-03-2019

2. Name of the PI : Dr.Reshmi R

3. Total Project Cost : 1452000

4. Revised Project Cost : NA
(if applicable)

5. Date of Commencement : 12-03-2019

6. Statement of Expenditure :

(Month wise expenditure incurred during current financial year)

Month & year 2019-2020	
April	13493
May	110400
June	45277
July	53670
August	31868.94
September	37618
October	24335.5
November	28861
December	58382
January	28750
February	55141
March	26990
Total	5,14,786

1. Grant received in each year:

- a. 1st Year : 5,24,000 /-
- b. 2nd Year : NIL
- c. 3rd Year : NIL
- d. Interest, if any : 10,362/-
- e. Total (a + b + c + d) : 5,34,362/-

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+1year and so on)

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) 12-03-2019 to 31-03-2019 (IV)	1 st Year (1 st April to 31st March next year) 01-04-19 to 31-03-2020 (IV)	2 nd Year (1st April to 31st March next year) (V)	3 rd Year (1st April to 31st March next year) (VI)				
1.	Manpower costs	660000	Nil	207093			207093	452907	215307	
2.	Consumables	280000	Nil	99336			99336	180664	90664	
3.	Travel	50000	Nil	5588			5588	44412	24412	
4.	Contingencies	270000	Nil	89969			89969	180031	90031	
5.	Equipment	Nil	Nil	Nil			Nil	Nil	Nil	
6.	Overhead expenses	132000	Nil	92800			92800	39200	19600	
7.	Scientific Social Responsibility (SSR)	60000	Nil	20000			20000	40000	20000	
8.	Total	1452000	Nil	514786			514786	937214	460014	

Name and Signature of Principal Investigator: _____

Date: 12/06/2020

* 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.

Dr. KESHMI R
Assistant Professor
Dept of Physics
J.C College, Aluva 2

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

For SINDHU.TS & ASSOCIATES
CHARTERED ACCOUNTANTS
(FRN 0170885)

SINDHU.TS.ACA
(Proprietor)

Membership No: 237B13

UDIN: 20237813AAAAHD8693

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21 In respect of **RECURRING**
as on **31st March** 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 : Union Christian College Aluva
2. Name of Principal Investigator(PI) Dr.Reshmi R
3. SERB Sanction order no. & date CRG/2018/003785...& 11-03-2019
4. Title of the Project... Pulsed laser deposition of large area
Monolayer / fewlayers of 2D transition metal dichalcogenides for TFT application
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 : 19576
- (ii) Others, if any : Nil
- (iii) **Total** : 19576

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 (01-04-2020-31-03-2021)			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
19576	3878	Nil	SERB/F/3961/2020-2021	07oct 2020	450000	473454	448570	24884

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Overhead(19600),Manpower(211200),Consumables(112395),Contingency(89371),Travel(6996),SSR(8000),Bank Charges(1008)	Nil	448570

Details of grants position at the end of the year

- (i) Balance available at end of financial year : 24884/-
- (ii) Unspent balance refunded to SERB (If any) : Nil
- (iii) Balance (Carried forward to next financial year) if applicable : 24884/-

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21
 In respect of **RECURRING**
 as on **31st March** 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 **C.R.U.** (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: **25/06/21**
 Place: **Aluva**

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FRN-0033735)

 Signature of PI :	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal : Name: Chief Finance Officer (Head of Finance)	 Signature with Seal Dr. Rachel Reena Philip Financial/Drawing & Disbursing Officer Union Christian College, Aluva Head of Organisation
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(Strike out inapplicable terms)



UDIN: 21252405AAALV5861

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21
in respect of NON-RECURRING
as on 31st March 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 : ... Union Christian College Aluva...
2. Name of Principal Investigator(PI)Dr.Reshmi R
3. SERB Sanction order no. & date ...CRG/2018/003785...& 11-03-2019....
4. Title of the Project..... Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
5. Name of the SERB Scheme : ...CRG..... (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 : 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
NIL	NIL	NIL	-	-	NIL	NIL	NIL	NIL

Component wise utilization of grants:

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

Details of grants position at the end of the year

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

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

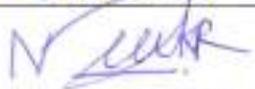
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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 **CRU** (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: **25/06/2021**

Place: **Aluva**

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FRN 0033735)

Signature of PI : 	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal : Name: Chief Finance Officer (Head of Finance)	 Dr. Rachel Resna Philip Principal/Drawing & Disbursing Officer Union Christian College, Aluva Signature with Seal : Name: Head of Organisation:
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(Strike out inapplicable terms)



UDIN: 21252405 AAAA LV 5861

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

1. SERB Sanction Order No and date : CRG/2018/003785 Dated 11-03-2019
2. Name of the PI : Dr. Reshmi R
3. Total Project Cost : 1452000
4. Revised Project Cost : NA
(if applicable)
5. Date of Commencement : 12-03-2019
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year 2020-2021	
April	17600
May	17600
June	18600
July	17832
August	17600
September	18744
October	22344
November	29505
December	46486
January	26019
February	101961
March	114279
Total	448570

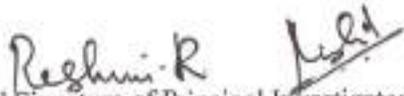
1. Grant received in each year:
 - a. 1st Year : 5,24000 /-
 - b. 2nd Year : 450000
 - c. 3rd Year : NIL
 - d. Interest, if any : 10362 (1st yr) + 3878(2nd yr)
 - e. Total (a + b + c + d) : 9,88240/-

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+1year and so on)

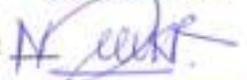
Sr No (I)	Sanctioned Heads (II)	Total Funds Allocated (indicate sanctioned or revised) (III)	Expenditure Incurred				Total Expenditure till.. (VII = IV + V + VI)	Balance as on (date) (VIII = III - VII)	Requirement of Funds upto 31st March next year	Remarks (if any)
			1st Year (DOS to 31st March next year) 12-03-2019 to 31-03-2019 (IV)	1 st Year (1 st April to 31st March next year) 01-04-19 to 31-03-2020 (IV)	2 nd Year (1st April to 31st March next year) 01-04-20 to 31-03-2021 (V)	3 rd Year (1st April to 31st March next year) (VI)				
1.	Manpower costs	660000	Nil	207093	211200		418293	241707	237600	
2.	Consumables	280000	Nil	99336	112395		211731	68269	68269	
3.	Travel	50000	Nil	5588	6996		12584	37416	37416	
4.	Contingencies	270000	Nil	89969	89371		179340	90660	90660	
5.	Equipment	Nil	Nil	Nil	Nil		Nil	Nil	Nil	
6.	Overhead expenses	132000	Nil	92800	19600		112400	19600	19600	
7.	Scientific Social Responsibility (SSR)	60000	Nil	20000	8000		28000	32000	32000	
8.	Bank charges/ TDS	-	-	-	1008		1008	-1008*		
9.	Total	1452000	Nil	514786	448570		963356	488644	485545	

*TDS INCLUDED

Name and Signature of Principal Investigator: 

Date: 22/6/2021



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

Date: 25/06/2021

MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)
UDIN: 21252405AAAA LV5861

GFR 12 - A

[(See Rule 238 (1))]

UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-2022 (1st April - 31st March)
 in respect of RECURRING as on 31st March 2022 to be submitted to SERB is the UC
 ... Audited (Provisional/Audited)

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

- Name of the grant receiving Organization : Union Christian College Aluva.....
- Name of Principal Investigator(PI) Dr.Reshmi R.....
- SERB Sanction order no. & date CRG/2018/003785...& 11-03-2019...
- Title of the Project: Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
- Name of the SERB Scheme :CRG..... (CRG/NPDF/ECR....etc.)
- Whether recurring or non-recurring grants : **RECURRING**
- Grants position at the beginning of the Financial year

(i) Carry forward from previous financial year : 25892

(ii) Others,(Cheque issued for Previous year expense was cancelled) : 36750

(iii)Total : 62642

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

Unspent Balance of Grants received previous years [figure as at Sl. No. 7(ii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year 1-04-2021-31-03-2022			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
62642	4624	Nil	SERB/F/2309/2021-2022	13Aug2021	400000	467266	423295	43971

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Overhead(19600), Manpower(237600), Consumable(94011), Contingency(65660), Travel(6424), SSR(nil)	Nil	423295

Details of grants position at the end of the year

- (i) Balance available at end of financial year : 43971/-
 (ii) Unspent balance refunded to SERB (if any) : NIL
 (iii) Balance (Carried forward to next financial year) if applicable : 43971/-

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-2022
 in respect of **RECURRING**
 as on **31st March 2022** to be submitted to SERB
 is the UC **Provisional/Audited** (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

2021-2022 (1st April - 31st March 2022)

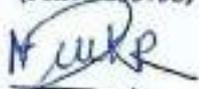
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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 - III (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 19/7/2022

Place:

**For P. RAJKUMAR & CO.
 CHARTERED ACCOUNTANTS
 (FRN 003373S)**

 Dr. N. P. R. Asst. Director U.C. College, Aluva 2 Signature of U.C. College, Aluva 2	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal Name: Chief Finance Officer (Head of Finance)	 Dr. M. I. Punnose Principal in Charge U.C. College Aluva Head of Organisation
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UDIN: 22252405ANFAS05563

(Strike out inapplicable terms)



GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-2022 (1st April - 31st March 2022)
 In respect of **NON-RECURRING**
 as on 31st March 2022 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 : ... Union Christian College Aluva ...
2. Name of Principal Investigator(PI) Dr. Reshmi R
3. SERB Sanction order no. & date ... CRG/2018/003785... & 11-03-2019....
4. Title of the Project..... Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
5. Name of the SERB Scheme : ... CRG (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 : 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
NIL	NIL	NIL	-	-	NIL	NIL	NIL	NIL

Component wise utilization of grants:

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

Details of grants position at the end of the year

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

GFR 12 - A
 [(See Rule 233 (1))]
 UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-2022
 in respect of NON-RECURRING
 as on 31.03.2022 to be submitted to SERB
 Is the UC Audited (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

2021-2022 (1st April - 31st March 2022)

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: 19/9/2022

Place:

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FRN 003373S)

<p><i>[Signature]</i> Signature of PI Assistant Professor Dept of Physics U C College, Aluva</p>	<p><i>[Signature]</i> MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal : Name : Chief Finance Officer (Head of Finance)</p>	<p><i>[Signature]</i> Signature with Seal : Name : Dr. M. J. Punnoose Principal in Charge U.C. College Aluva Head of Organization</p>
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UDIN: 22250405ANFAS05563

(Strike out inapplicable terms)



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

1. SERB Sanction Order No and date : CRG/2018/003785 Dated 11-03-2019
2. Name of the PI : Dr. Reshmi R
3. Total Project Cost : 1452000
4. Revised Project Cost : NA
(if applicable)
5. Date of Commencement : 12-03-2019
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year(April 2021- March 2022)	
April	20587
May	19800
June	32933
July	19986
August	38915
September	31121
October	41856
November	41928
December	42128
January	29093
February	36768
March	68180
Total	423295

1. Grant received in each year:
 - a. 1st Year : 5,24000 /-
 - b. 2nd Year : 450000
 - c. 3rd Year : 400000/-
 - d. Interest, if any : 10362 (1st yr) + 3878(II ndyr)+ 4624(3rd yr upto March 2022)
 - e. Total (a + b + c + d) : 1392864/-



Sr No (I)	Sanctioned Heads (II)	Total Funds Allocated (indicates Sanctioned or revised) (III)	Expenditure Incurred				Reversed Expenditure (VIII)	Total Expenditure till (IX = IV + V + VI+VII- VIII)	Balance as on (date) (X = III -IX)	Requirement of Funds upto 11th May 2022	Remarks (if any)
			1st Year (DOS to 31st March next year) 12-03-2019 to 31-03-2019(IV)	1 st Year (1 st April to 31st March next year) 01-04-19 to 31-03-2020 (V)	2 nd Year (1st April to 31st March next year) 01-04-20 to 31-03-2021 (VI)	3 rd Year (1st April 2021 to 31st March 2022) (VII)					
1.	Manpower costs	660000	Nil	207093	211200	237600		655893	4107	4107	
2.	Consumables	280000	Nil	99336	112395	94011	*36750	268992	11008	11008	*Cheque issued for Previous year expense was cancelled; amount spent in 3rd year
3.	Travel	50000	Nil	5588	6996	6424		19008	30992	30992	
4.	Contingencies	270000	Nil	89969	89371	65660		245000	25000	25000	
5.	Equipment	Nil	Nil	Nil	Nil	Nil		Nil	Nil	Nil	
6.	Overhead expenses	132000	Nil	92800	19600	19600		132000	nil	nil	
7.	Scientific Social Responsibility (SSR)	60000	Nil	20000	8000	Nil		28000	32000	32000	
8.	Total	1452000	Nil	514786	447562	423295	*36750	1348893	103107	103107	

Name and Signature of Principal Investigator:
Date:

Dr. RESHMI R
Assistant Professor
Dept of Physics
U.C. Coll. Aluva 2



For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

(Signature)

MEENAKSHI RAJKUMAR A.C.A
(Proprietor)

(Membership No: 252405)
Signature of Competent Financial authority:

(with seal) Date: 19/07/2022

UDIN: 22252405ANFASG5563

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022 (1st April - 11th May)
 in respect of **RECURRING** as on **11th May 2022** 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 : Union Christian College Aluva.....
2. Name of Principal Investigator(PI) Dr.Reshmi R.....
3. SERB Sanction order no. & date CRG/2018/003785... & 11-03-2019...
4. Title of the Project: Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
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 : 43971
 - (ii) Others,(Cheque issued for Previous year expense was cancelled) : Nil
 - (ii) **Total** : 43971
8. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balance of Grants received previous years [figure as at Sl. No. 7(ii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year 1-04-2022-11-05-2022			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
43971	954	Nil	NI		Nil	44925	33520	11405

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Overhead(Nil),Manpower(4107),Consumable(8042), Contingency(8051),Travel(1320),SSR(12000)	Nil	33520

Details of grants position at the end of the year

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

TT405
 NIL
 : 11405/-

GFR 12 - A
 [(Sec Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022 (1st April - 31st May)
 in respect of **RECURRING**
 as on **31.05.2022** to be submitted to SERB
 is the UC **Provisional** (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

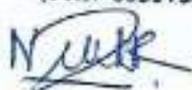
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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 **CRU** (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: 19/7/2022

Place:

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FRN-003373S)

 Dr. M. I. Punnose Professor Dept of Physics U C College, Aluva 2 Signature of PI:	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal: Name: Chief Finance Officer (Head of Finance)	 Dr. M. I. Punnose Principal in Charge U. C. College Aluva Signature: Name: Head of Organisation
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UOIN-22252405ANFBE47174

(Strike out inapplicable terms)



GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022 (1st April - 31st May)
 in respect of **NON-RECURRING**
 as on 31st May 2022 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 : ... Union Christian College Aluva...
2. Name of Principal Investigator(PI) Dr. Reshmi R
3. SERB Sanction order no. & date ... CRG/2018/003785... & 11-03-2019....
4. Title of the Project..... Pulsed laser deposition of large area monolayer / few layers of 2D transition metal dichalcogenides (TMDs) for TFT application
5. Name of the SERB Scheme : ... CRG..... (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 : 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
NIL	NIL	NIL	-	-	NIL	NIL	NIL	NIL

Component wise utilization of grants:

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

Details of grants position at the end of the year

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

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022 (1st April - 31st May)
 in respect of **NON-RECURRING**
 as on 1.1.2022 (To be submitted to SERB)
 Is the UC ... *Provisional/Audited* ... (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

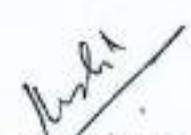
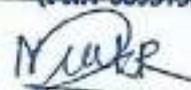
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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 **CRU** (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: 19/7/2022

Place:

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FRN 003373S)

 D. RESHMIR Assistant Professor Dept of Physics U.C. College, Aluva 2	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal Name: Chief Finance Officer (Head of Finance)	 Dr. M. I. Punnambal Principal in Charge U.C. College Aluva Head of Organisation
---	---	--

UDIN: 22252405ANFBEM7174

(Strike out inapplicable terms)



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

1. SERB Sanction Order No and date : CRG/2018/003785 Dated 11-03-2019
2. Name of the PI : Dr. Reshmi R
3. Total Project Cost : 1452000
4. Revised Project Cost : NA
(if applicable)
5. Date of Commencement : 12-03-2019
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year (April 2022- May 2022)	
April	24512
May	9008
Total	33520

1. Grant received in each year:

- a. 1st Year : 5,24000 /-
- b. 2nd Year : 450000
- c. 3rd Year : 400000/-
- d. Interest, if any : 10362 (1st yr) + 3878(II ndyr)+ 5578(3rd yr up to May 2022)
- e. Total (a + b + c + d) : 13,93,818/-



Sr No	Sanctioned Heads (II)	Total Funds Allocated (indicates sanctioned or revised) (III)	Expenditure Incurred				1 st April 2022 to 11th may 2022 (VIII)	Reversed expenditure (IX)	Total Expenditure till.. (X- IV + V + VI+ VII+VIII- IX)	Balance as on (date) (XI= III - X)	Requirement of Funds upto next year	Remarks (if any)
			1 st Year (DOS to 31st March next year) (IV)	1 st Year (1 st April to 31st March next year) (V)	2 nd Year (1st April to 31st March next year) (VI)	3 rd Year (1st April 2021 to 31st March 2022) (VII)						
1.	Manpower costs	660000	Nil	207093	211200	237600	4107		660000	Nil	Nil	
2.	Consumables	280000	Nil	99336	112395	94011	8042	*36750	277034	2966	Nil	*Cheque issued for Previous year expense was cancelled, amount spent in 3rd year.
3.	Travel	50000	Nil	5588	6996	6424	1320		20328	29672	Nil	
4.	Contingencies	270000	Nil	89969	89371	65660	8051		253051	16949	Nil	
5.	Equipment	Nil	Nil	Nil	Nil	Nil	Nil		Nil	Nil	Nil	
6.	Overhead expenses	132000	Nil	92800	19600	19600	Nil		132000	Nil	Nil	
7.	Scientific Social Responsibility(SSR)	60000	Nil	20000	8000	Nil	12000		40000	20000	Nil	
8.	Total	1452000	Nil	514786	447562	423295	33520	+36750	1382413	69587	Nil	

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)



M. Rajkumar

MEENAKSHI RAJKUMAR A.C.A
(Proprietor)

(Membership No: 252405)
Signature of Competent financial authority:

Date: 19/07/2022

UDIN: 22252405ANFBY7174

Name and Signature of Principal Investigator:

Date:

[Signature]
Assistant Professor
Dept of Physics
U C College, Aluva 2



Kerala State Council for Science, Technology and Environment

Dr. Anilkumar C
Principal Scientist & Head
Science Education Division

07.01.2019

143/SPYTiS-II /2018/KSCSTE

Dear Dr. Nila Devi K N,

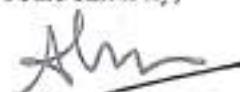
Sub:- Financial assistance from KSCSTE for SPYTiS project reg.
Ref:- Your application received under SPYTiS Project scheme

This is to invite your attention to the reference cited and to inform that the project proposal titled '**Post -flood variations in the river and ground water sources of Eloor- Edayar region**' submitted by Dr. Nila Devi K N as PI and Ms. Susi Mathews, Ms. Anumol P Lalson as student investigator(s) has been approved. An amount of **Rs. 10000/-** is sanctioned by the Council. The budget estimate of the project will be as detailed below.

The PI has to submit the signed 'Terms and Conditions' and the date of start of the project to the Council within two weeks. On completion of the project you should submit one hard copy and a soft copy of the final report (in pdf to sed_spytis@gmail.com), audited Statement of Expenditure and Utilization Certificate counter signed by the Head of the Institution for releasing the grant. The format to submit final report, SE, UC and bank account details of Head of the Institution can be downloaded from www.kscste.kerala.gov.in

Thanking you,

Yours sincerely,


Anilkumar C

To,

Dr. Nila Devi K N, Union Christian College, Aluva-2

Copy to:

✓ The Principal/ Drawing and Disbursing Officer, Union Christian College, Aluva-2

Ms. Susi Mathews, Ms. Anumol P Lalson, Student (s), Union Christian College, Aluva-2

UTILIZATION CERTIFICATE

Certified that out of Rs 10,000/- sanctioned by Kerala State Council for Science Technology and Environment vide Letter No 143/SPYTS-11/2018/RSSTEDated 07/01/2019 towards the SPYTS project titled *Res. final variations in* *Alva & signed under name of Eliza & Eshya* an amount of Rs. 8,861 was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. 1,139 at the close of the *Project* as shown in the Statement of Expenditure annexed.

[Signature]
Name & Signature of Teacher Supervisor

Dr. Eliza Devis 2019

[Signature]
Dr. David Sai Mathew, B
Principal/Drawing & Debursing Officer
U. C. College, Aluva
Name & Signature of Head of the Institution

[Signature]
Signature & Seal of Chartered Accountant



STATEMENT OF EXPENDITURE

Project Title: Residual variations in the stress & ground water stress
 Name of Institution: Union Christian College, Haveli

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
1. Amount released from KSCSTI	20,000/-	1. Moleculer Simulation: Alms (consumables)	2000
* Accrued interest		2. Education Lab (H) Ltd (Heavy metal analysis)	2500
Total		Total	4500

Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSCSTI vide letter No 143/3077/S-11/2015/14-55 dated 07/01/2019

[Signature]
 Name & Signature of Teacher Supervisor
 Dr. Nita Devi KN

[Signature]
 Dr. David Saj Mathew #
 Name & Signature of Head of the Institution

[Signature]
 Signature & Seal of
 of Chartered Accountant
 For P. D. JAYAKAR & CO.
 Member No. 207211





Kerala State Council for Science, Technology and Environment

No. KSCSTE/447/2019-SARD

06.08.2019

Dear Dr. Reshmi:

Sub: 17th SARD Committee Meeting - Request for submission of revised budget.

Ref: SARD proposal by Dept. of Physics, UC College, Aluva.

This refers to the meeting of the 17th SARD programmed held on 29th July 2019 at KSCSTE Headquarters, Sastha Bhavan, Thiruvananthapuram. The committee decision is as follows.

The committee recommended to purchase a SP 300 Potentiostat with Impedance Analyser having two channels within a budget of Rs. 15 Lakh in the first year. The equipment can be upgraded to 4-channels, after second year. This shall be considered after reviewing the progress of the work and subject to the availability of fund.

You are therefore requested to submit a revised budget limiting to Rs. 19 Lakh.

Yours sincerely,

Dr. C. Arunan Ph.D.
Principal Scientist (Head, Basic Science Division)
KSCSTE

Dr. C. ARUNAN
Principal Scientist
Kerala State Council for
Science, Technology and Environment
Sastha Bhavan, Pattom, Trps-695 004, Kerala

To,

Dr. Reshmi R.,
Assistant Professor,
Department of Physics,
UC College, Aluva., Ernakulam - 683 102

Revised budget of SARD project

Sl no:	Item	Year I	Year II	Year III	Total
1	Equipment SP 300 Potentiostat Along with impedance Analyser channel (4 channel) 2 Channels which can be upgraded to 4	19,00,000			19,00,000
	Total	19,00,000/-			19,00,000/-

Dr Reshmi P. *[Signature]*
Principal Investigator

[Signature]
Dr. Head of the Institute
Principal/Drawing & Disbursing Officer
A. C. College, Aluva



Kerala State Council for Science, Technology and Environment

No. KSCSTE/447/2019-SARD

12.06.2023

To,

The Principal,
U C College,
Aluva

Sir,

Sub: KSCSTE - SARD scheme titled "Infrastructure Strengthening of Dept of Physics, U C College", 18th SARD Committee Review Meeting - reg.

Ref: 1. 17th SARD Committee Decision dated 29-30 July 2019
2. Council (P) Order No. 16/2022/KSCSTE dated 14.01.20 2

This refers to the 18th SARD committee meeting held on 27-28 May 2023 at KSCSTE Headquarters(Online), Sastra Bhavan, Thiruvananthapuram.

The committee decision is as follows.

- The committee noted commendable advancements made in research utilizing SARD-supported equipment.
- The previous committee's suggested, an additional 4 Lakh could be released in order to upgrade the potentiostat (the SARD funded equipment) to a 4-channel system, enabling the analysis of a broader range of metals.
- Current (18th) SARD committee evaluated the progress; a thorough assessment was conducted, and it was concluded that upgrading to a higher channel is imperative for ensuring high-quality research.
- Consequently, the committee recommended the release of 4 Lakh as the second-year grant.

You are therefore requested to submit the following at the earliest, so as to release the second year grant.

- Audited SE & UC for the first year, having the details of accrued interest (if any).
- Annual Technical Report.
- Scientific achievements, Publications gained through the programme.

Yours sincerely,

Dr. C. Arunan
Principal Scientist & Head
Basic Science Division

Copy to,

Dr. Reshmi R,
Assistant Professor,
Dept of Physics, U C College, Aluva

SARD PROGRAMME

UTILIZATION CERTIFICATE

Certified that out of the grant-in-aid of Rs. 15,00,000/- released by Kerala State Council for Science, Technology and Environment in favour of the Principal, Union Christian College, Aluva vide Council Order No. 16/2022/KSCSTE dated 14/01/2022 towards the 1st year SARD grant to Dept. of Physics, Dr. Reshmi R as the co-ordinator of the programme, an amount of Rs. 15,60,000/- was utilized for the SARD programme titled "Infrastructure Strengthening of Department of Physics U.C. College, Aluva" for which it was sanctioned, leaving a balance of Rs. 00.00 at the close of as shown in the Statement of Expenditure annexed.

Name & Signature
Of Co-ordinator

Reshmi R
[Signature]

Seal

Dr. Reshmi R
Asst. Prof. in Physics
Department of Physics
U.C. College, Aluva-2

Name & Signature
of Head of the Institution/Principal

[Signature]
Dr. M. I. Punnoose
Principal In Charge
U. C. College Aluva

Seal



Name & Signature
of Chartered Accountant

Seal

[Signature]
For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

[Signature]
MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)
UDIN: 232524058GVZER4799

Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSCSTE vide Council Order No. 16/2022/KSCSTE, dated 14/01/2022.

Reshmi R
Name & Signature
Of the Co-ordinator

(Seal)

Dr. RESHMI R
Assistant Professor
Dept of Physics
U.C. College, Aluva 2

Name & Signature
of Head of the Institution/
Principal
Dr. M. I. Punnoosa
Dr. M. I. Punnoosa
Principal in Charge
U. C. College Aluva

(Seal)



Name & Signature of
Ms/ Chartered Accountant

(Seal)

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

N. U. K.
MEENAKSHI RAJKUMAR A.C.A.
(Proprietor)
(Membership No: 252405)

Consolidated Statement of Expenditure

Amount released from KSCSTE (Rs)	Year I	Year II	Year III	Expenditure/payments (Rs)	Year I	Year II	Year III	
Equipments	15,00,000			Equipments	15,60,000*			*Rupees
Consumables/Chemicals				Consumables/Chemicals				60000 of
Contingency				Contingency				expenditure
Annual maintenance				Annual maintenance				was met with
Other Items				Other Items				the parent
Total Amount Received	15,00,000			Total Expenditure	15,60,000*			institution.
Accrued interest	38,444			Accrued interest	38,444			
Balance	38,444			Unspent Balance	00.00			
	(Interest)							

SARD PROGRAMME

Statement of Expenditure

Year I

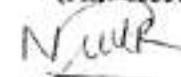
Amount Released from KSCSTE	Total Amount Received	Expenditure/Payments	Total Expenditure	Accrued Interest	Balance
Equipments : Rs. 15,00,000 Consumables : Nil Contingency: Nil Others : Nil	Rs. 15,00,000	Equipments : Rs. 15,60,000* Consumables : Nil Contingency : Nil Others : Nil	Rs. 15,60,000*	Rs. 38,444	Rs. 38,444 (Interest)

*Rupees 60,000 of expenditure was met with the parent institution.




Dr. M. I. Perumthottam
Principal in Charge
U. C. College Aluva

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

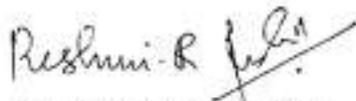


MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)



Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSCSTE vide Council Order No. 16/2022/KSCSTE Dated 14/01/2022

Date of start of the project: 14/01/2022

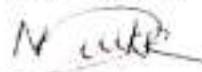

Name & Signature Of the Co-ordinator
(Seal)

Dr. Reshmi R. J.
Assistant Professor
Dept of English
U.C. College Aluva-2


Name & Signature
of Head of the Institution/Principal
(Seal) **Dr. M. I. Punnoose**
Principal in Charge
U. C. College Aluva



Name & Signature of Ms/
Chartered Accountant
(Seal)


For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)
MEENAKSHI RAJKUMAR A.C.A
(Proprietor)
(Membership No: 252405)

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 28-Dec-2020

ORDER

Subject: Financial Sanction of the research project titled "Fabrication and characterization of band structure engineered TiO₂ nanotubes for photocatalysis and antimicrobial applications" under the guidance of Dr. Rachel Reena Philip, Physics, Union Christian College, Uc college rd, aluva, Ernakulam, Kerala-683102 and by Dr. Nelson Joseph P, Assistant Professor, Chemistry, Union Christian College and by Dr. Ajalesh B Nair, Assistant Professor, Chemistry, Union Christian College - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2758311/- (Rs. Twenty Seven Lakh Fifty Eight Thousand Three Hundred and Eleven Only) with break-up of Rs. 607316/- under Capital (Non-recurring) head and Rs.2150995/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2758311/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> UV visible spectrophotometer -> Variable Volume, Fully Autoclavable pipette.. 2-20µl -> Analytical Balance, Capacity: 220gm, Readability: 0.1mg, External Calibration,	607316
A'	Total (Non-Recurring)	607316
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1350240 490000 60000
2	Recurring - IV : (Overhead Charges)	250755
B'	Total (Recurring)	2150995
C	Total cost of the project (A' + B')	2758311

2. Sanction of the SERB is also accorded to the payment of Rs. 601180/- (Rupees Six Lakh One Thousand One Hundred and Eighty only) under 'Grants-in-aid General' to The Principal, Union Christian College, UC College Rd, Aluva being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)

This release is being made under Core Research Grant. (PAC Physics-1 (Condensed Matter Physics and Material Sciences))

GFR 12 – A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21
in respect of *RECURRING*
as on 31.03.2021 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: **Union Christian College, Aluva**.....
2. Name of Principal Investigator(PI)..... **Dr. Rachel Reena Philip**.....
3. SERB Sanction order no. & date **CRG/2020/000448 dated 28 December 2020**.....
4. Title of the Project..... **Fabrication and Characterization of band structure engineered TiO₂ nanotubes for photocatalysis and antimicrobial applications**
5. Name of the SERB Scheme:.. **CRG**..... **CRG/NPDF/EC(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 |
| (a) 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(i))	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	1628.00	Nil	CRG/2020/000448	29/12/2020	6,01,180.00	6,02,808	1,97,286.40	4,05,521.60

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
1,97,286.40	-	1,97,286.40

Details of grants position at the end of the year

- | | | |
|---|---|--------------------|
| (i) Balance available at end of financial year | : | 4,05,521.60 |
| (i) Unspent balance refunded to SERB (if any) | : | Nil |
| (ii) Balance (Carried forward to next financial year) if applicable | : | 4,05,521.60 |

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21
 in respect of **RECURRING**
 as on 31 March 2021 to be submitted to SERB
 is the UC *Audited*..... (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

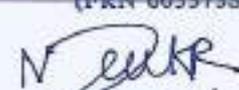
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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: 25/06/2021

Place: Aluva

For **P. RAJKUMAR & CO.**
CHARTERED ACCOUNTANTS
 (FRN 003373S)

Signature of PI : 	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal : Name : Chief Finance Officer (Head of Finance)	 Signature with Seal : Name : Dr. Rachel Resha Philip Principal/Drawing & Disbursing Officer Union Christian College, Aluva
---	--	---

(Strike out inapplicable terms)

UPIID: 21252405 AAAALY3676



GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-21
 in respect of **NON-RECURRING**
 as on ~~31st March 2021~~ 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 : **Union Christian College, Aluva**.....
2. Name of Principal Investigator(PI).....**Dr.Rachel Reena Philip**.....
3. SERB Sanction order no. & date ...**CRG/2020/000448**.....
4. Title of the Project.....**Fabrication and characterization of band structure engineered TiO₂ nanotubes for photocatalysis and antimicrobial applications**.....
5. Name of the SERB Scheme :.....**CRG**.....(CRG/NPDF/EC 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 | : | 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 (ii)]	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/2020/000448	29/12/2020	6,07,316.00	6,07,316.00	Nil	6,07,316.00

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Nil	6,07,316.00	6,07,316.00

Details of grants position at the end of the year

- | | | |
|--|---|--------------------|
| (i) Balance available at end of financial year | : | 6,07,316.00 |
| (ii) Unspent balance refunded to SERB (If any) | : | Nil |
| (iii) Balance (Carried forward to next financial year) if applicable : | : | 6,07,316.00 |

GFR 12 - A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020 - 21
in respect of NON-RECURRING
as on 31.03.2021 to be submitted to SERB
Is the UC Audited..... (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

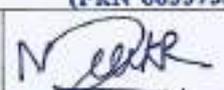
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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 ... C.R.M. (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 - III (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 25/06/2021

Place: Aluva

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

<p>Signature of PI: </p>	 MBENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) <hr/> Signature with Seal Name: Chief Finance Officer (Head of Finance)	 Dr. Rachel Reena Philip Principal/Training & Disbursing Officer Union Christian College, Aluva Head of Organisation
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(Strike out inapplicable terms)

UOIN: 21252405AAAALY36A6



GFR 12 – A
[[See Rule 238 (1)]]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-22.....
In respect of RECURRING
as on 31 March 2022 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 :Union Christian College, Aluva.....
2. Name of Principal Investigator(PI) ...Dr Rachel Reena Philip.....
3. SERB Sanction order no. & date ...CRG/2020/000448 dated 28 December 2020.....
4. Title of the Project...Fabrication and characterization of band structure engineered TiO₂ nanotubes for photocatalytic and antimicrobial applications.....
5. Name of the SERB Scheme :CRG..... (CRG/NPDF/IECR 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 :4,05,521.60.....
 - (ii) Others, if any :
 - (iii) **Total** :4,05,521.60.....

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

Unspent Balance of Grants received previous years (figure as at Sl. No. 7(i))	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year 2021-22			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
4,05,521.60	19,701	Nil	SERB/F/3859/2021-22	20/10/2021	2,00,000	6,25,222.60	5,96,041	29,181.60

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Manpower-3,46,840,Consumables-48,463,Travel-Nil,Contingency-35,588,SSR-15,150,Overhead-1,50,000.	-	5,96,041

Details of grants position at the end of the year

- (i) Balance available at end of financial year :29,181.60..
- (ii) Unspent balance refunded to SERB (if any) :Nil
- (iii) Balance (Carried forward to next financial year) if applicable :29,181.60...

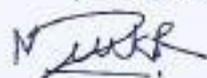
GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-22
 in respect of **RECURRING**
 as on 31.03.2022 to be submitted to SERB
 Is the UC Audited (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

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: 19-04-2022
 Place: Aluva

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FRN 003373S)

Signature of PI: 	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) Membership No.: 252405 Name: Chief Finance Officer (Head of Finance)	 DR. THARA K. SIMON Signature with Seal Name: Principal Union Christian College Head of Organisation
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VDIN: 22252405 AHJwLA8972.

(Strike out inapplicable terms)



GFR 12 – A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-22.....
 In respect of **NON-RECURRING**
 as on 31 March 2022 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 : ...Union Christian College Aluva.....
2. Name of Principal Investigator(PI)Dr Rachel Reena Philip.....
3. SERB Sanction order no. & dateCRG/2020/000448 dated 28 December 2020.....
4. Title of the Project...Fabrication and characterization of band structure engineered TiO2 nanotubes for photocatalytic and antimicrobial applications.....
5. Name of the SERB Scheme :CRG..... (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 : 6,07,316..
 - (ii) Others, if any :Nil.....
 - (iii) Total : ...6,07,316.....

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 2021-22			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
6,07,316	Nil	Nil	Nil	Nil	Nil	6,07,316	6,07,316	Nil

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Nil	6,07,316	6,07,316

Details of grants position at the end of the year

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

GFR 12 - A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2021-22
 in respect of **NON-RECURRING**
 as on 31.03.2022 to be submitted to SERB
 Is the UC Audited (Provisional/Audited)
 (To be given separately for each financial year ending on 31st March)

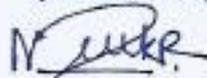
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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 underCRG..... (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 -III (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 19-04-2022

Place: Aluva

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FRN 003373S)

 Signature of PI :	 MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) Signature with Seal Name: Chief Finance Officer (Head of Finance)	 Dr. THARA K. SIMON Principal Signature with Seal Union Christian College Aluva-2 Head of Organisation
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UDIN-22252405 AHJWLA 8972

(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 March 2023 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 : ... Union Christian College, Aluva
2. Name of Principal Investigator(PI) Dr. Rachel Reena Philip
3. SERB Sanction order no. & date CRG/2020/000448 dated 28 December 2020.....
4. Title of the Project..... Fabrication and characterization of band structure engineered TiO₂ nanotubes for photocatalytic and antimicrobial 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 : 29,182..
 - (ii) Others, if any : Nil.....
 - (iii) **Total** : 29,182.....

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 Balance (5-6)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
29,182	12,821	Nil	SERB/F/533/2022-2023	14/05/2022	7,50,000	7,92,003	7,49,984	42,019

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
Mangover – 5,27,119/-, Consumables – 1,23,014/-, Contingency – 50,001/-, Travel – Nil, SSR – 34,850/-, Overhead-15,000/-	Nil	7,49,984

Details of grants position at the end of the year

- (i) Balance available at end of financial year : 42,019...
- (ii) Unspent balance refunded to SERB (If any) : Nil...
- (iii) Balance (Carried forward to next financial year) if applicable : 42,019...

GFR 12 – A
 [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR ...2022-23.....
 In respect of **RECURRING**
 as on 31 March 2023 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: 02 - 05 - 2023

Place: ALUVA

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
 (FNN 0033738)

Meenakshi

MEENAKSHI RAJKUMAR A.C.A.
 (Partner)
 (Membership No: 252405)

UDIN: 23252405BQVZGV4912

Signature with Seal :
 Name:
 Chief Finance Officer
 (Head of Finance)



Signature with Seal: *Dr. M. I. Purnoose*
 Name:
 Principal in Charge
 Head of Organisation

Signature of PI : *[Signature]*

Date: 02 - 05 - 2023

GFR 12-
A[(SeeRule238(1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR...2022-23.....
In respect of NON-RECURRING
as on 31 March 2023 to be submitted to SERB
Is the UC PROVISIONAL..... (Provisional/Audited)
(To be given separately for each financial year and to be on 31st March)

1. Name of the grant receiving Organization:.....Union Christian College, Aluva.....
2. Name of Principal Investigator (PI)...Dr. Rachel Reena Philip.....
3. SERB Sanction order no.& dateCRG/2020/000448 dated 28 December 2020.....
4. Title of the Project...Fabrication and characterization of band structure engineered TiO₂ nanotubes for photocatalytic and antimicrobial applications.....
5. Name of the SERB Scheme :.....CRG.....(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 : 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(i))	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.()	Date (i)	Amount (ii)			
1	2	3	4			5	6	7
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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 : Nil..
- (ii) Unspent balance refunded to SERB (If any) : Nil...
- (iii) Balance (Carried forward to next financial year) if applicable: Nil...

GFR 12-
A[(SeeRule238(1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR...2022-23.....
In respect of NON-RECURRING
as on 31 March 2023 to be submitted to SERB
is the UC AUDITED (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

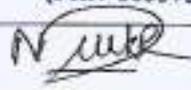
Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/ are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (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: 26-04-2023

Place: Aluva

For P. RAJKUMAR & CO.
CHARTERED ACCOUNTANTS
(FRN 003373S)

<p>Signature of PI: </p>	<p> MEENAKSHI RAJKUMAR A.C.A (Proprietor) (Membership No: 252405) UDIN : 23252405BGV2EV4912 Signature with Seal:..... Name:..... Chief Finance Officer (Head of Finance)</p>	<p> Dr. M. I. Punnoose Principal in Charge U. C. College Aluva Head of Organisation</p>
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Date: 02.05.2023



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT
An Autonomous body of the Government of Kerala

KSCSTE – SPYTiS Project entitled "Production and comparison of Bioethanol from Cassava, Banana & Potato peel waste mixture and waste peel of fruits", Ms. Jyothilekshmi S, Assistant Professor, Biosciences, Union Christian College, Aluva-2 as PI and Ms.Aaliya K, Ms.Shifana Jamal student investigator - financial assistance - Orders issued.

Council (P) Order No704/2020/KSCSTE Dated: Thiruvananthapuram,24/11/2020

- Ref: -
1. SPYTiS application submitted by Ms. Jyothilekshmi S, Assistant Professor, Biosciences, Union Christian College, Aluva-2
 2. Minutes of the Project Evaluation Committee meeting for SPYTiS-2018-'19 – SPYTiS-II/4.135 (No.144/SPYTiS-II/2018/KSCSTE)
 3. File No: KSCSTE/1260/2020-SPYTiS

ORDER

Kerala State Council for Science, Technology and Environment (KSCSTE) is operating a programme to nurture young talents among school children to carry out science projects. Under this category, a project titled "Production and comparison of Bioethanol from Cassava, Banana & Potato peel waste mixture and waste peel of fruits" was submitted by Ms. Jyothilekshmi S as the Principal Investigator and Ms.Aaliya K, Ms.Shifana Jamal as student investigator(s). The Project Evaluation Committee for SPYTiS-2018-'19 during the meeting held on December4,2018 approved the project and recommended ₹8000 (Rupees eight thousand only) towards financial assistance to conduct the project.

KSCSTE has verified the submitted documents and is pleased to accord sanction for the release of ₹6500 (Rupees six thousand five hundred only) towards financial assistance for the student project titled "Production and comparison of Bioethanol from Cassava, Banana & Potato peel waste mixture and waste peel of fruits" submitted by Ms. Jyothilekshmi S, Assistant Professor, Biosciences, Union Christian College, Aluva-2. The amount will be disbursed to The Principal, Union Christian College, Aluva-2 by means of Electronic Fund Transfer as per their bank details given below:

Beneficiary Account Name	Principal, Union Christian College Aluva
Beneficiary Account Number(SB/CC)	57044384073
Beneficiary IFSC	SBIN0070147
Name of bank	State Bank of India, Aluva
Beneficiary Address	Union Christian College, Aluva-2.
Phone No.	9446979029
E-mail	jyothilekshmis@uccollege.edu.in

UTILIZATION CERTIFICATE

Certified that out of Rs. 8000/- sanctioned by Kerala State Council for Science, Technology and Environment vide Letter No. 144/SPYTiS-II/2018/KSCSTE Dated 07/01/2019 towards the SPYTiS project titled "Production and comparison of Bioethanol from Cassava, Banana and Potato peel waste mixture and waste peel of fruits", an amount of Rs. 8000/- was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. NIL at the close of 21/02/2020 as shown in the Statement of Expenditure annexed.

Jyothilekshmi.S


Name & Signature of
Teacher Supervisor

Date: 01/06/2020


P. David Sal Mathew. P.
Principal/ Drawing & Disbursing Officer
of Head of the Institution
C. C. College, Kuvva

Date:



For SINDHUTS & ASSOCIATES
CHARTERED ACCOUNTANTS
(FRN 0127885)


SINDHUTS,ACA
(Proprietor)
(Membership No: 237813)

Signature & Seal of
Chartered Accountant

Date: 11.03.2020

UDIN: 20237813AAAAFL5847

STATEMENT OF EXPENDITURE

Project Title: ... Production and comparison of Bioethanol from Cassava., Banana and Potato peel waste mixture and waste peel of fruits.

Name of Institution: ...Union Christian College, Aluva.

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
1. Amount sanctioned from KSCSTE (to be receivable)	Rs.8000/-	1.Consumables(chemicals, glasswares,etc.)	3000/-
2.		2.Contingency	1500/-
3.		3.Travel	2000/-
4.		4.Others	1500/-
Total		Total	8000/-

Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSCSTE vide Letter No

144/SPYTIS-II/2018/KSCSTE dated 07/01/2019

For SINDHUTS & ASSOCIATES
CHARTERED ACCOUNTANTS
(FRN 017078 S)

(Signature)
SINDHUTS,ACA
(Proprietor)
(Membership.No:237813)

Jyothi lakshmi S
Jyothi lakshmi

Name & Signature
of Teacher Supervisor

Date: 01/06/2020

(Signature)
Name & Signature
of Head of the Institution
U. C. College, Aluva

Date:



Signature & Seal of
Chartered Accountant

Date: 11.03.2020

Dated: 08-May-2023

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Ajalesh B Nair, Union Christian College, Uc College Rd, Aluva, Ernakulam, Kerala-683102**- under the mentorship of **Dr. Soney Varghese**, at **National Institute of Technology (NIT) Calicut NIT Campus Kozhikode PO, Kozhikode District, Kerala - 673601**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned grant at a total cost of **Rs. 18,30,000/- (Rs. Rupees Eighteen Lakh Thirty Thousand only Only)** for a duration of 36 months.

The date of start of the project will be 31 October, 2022. The items of expenditure for which the total allocation of **Rs. 18,30,000/-** has been approved are given below:

The following budget is proposed for

Union Christian College, Uc College Rd, Aluva, Ernakulam, Kerala-683102 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

National Institute of Technology (NIT) Calicut NIT Campus Kozhikode PO, Kozhikode District, Kerala - 673601 (Host)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 (on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of **Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only)** to **Union Christian College, UC College Rd, Aluva, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** to **National Institute of Technology (NIT) Calicut NIT Campus Kozhikode PO, Kozhikode District, Kerala - 673601** being the first installment of the grant for the year 2023-2024 for implementation of the said research project.

3. The expenditure involved is debit to

Fund for Science & Engineering Research (FSER)

This release is being made under **Teachers Associateship For Research Excellence (TARE)**. (Physical Chemistry)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/337/2023-2024 dated 28 April, 2023

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Union Christian College, Uc college rd, aluva, Ernakulam, Kerala-683102 (Parent) :

PFMS Unique Code	UCCA
Account Name	Principal UCC/ SERB-TARE/Ajalesh/ Chemistry
Account Number	60427660591
Bank Name & Branch	Bank of Maharashtra Bank of Maharashtra Near Olian Kappela Angamaly, Eranakulam Pin:683572
IFSC/RTGS Code	MAHB0002089
Email address of PI	ajaleshnair@ucccollege.edu.in
Email id of A/C Holder	principal@ucccollege.edu.in
Email address of concerned officer	ms_ps@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

National Institute of Technology (NIT) Calicut NIT Campus Kozhikode PO, Kozhikode District, Kerala - 673601 (Host):

PFMS Unique Code	NIT04
Account Name	Director NIT Calicut -Industrial Consultancy & Sponsored Research
Account Number	35981271500
Bank Name & Branch	State Bank of India State Bank of India NIT Calicut Branch, NIT CAMPUS P O Chathamangalam, Kozhikode-673601
IFSC/RTGS Code	SBIN0002207
Email address of PI	ajaleshbna@uccollege.edu.in
Email id of A/C Holder	deanrc@nitc.ac.in
Email id of Mentor	Dr. Soney Varghese

9. Both the institutes will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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

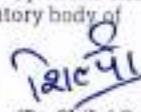
11. The File no. TAR/2022/000645 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

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

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

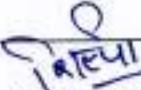
15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Shilpi Paul)
Scientist F
ms_ps@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R. Building, 11th Floor I.P Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	(i) Dr. Ajalesh B Nair Chemistry Union Christian College, Uc college rd, aluva, Ernakulam, Kerala-683102 Email: ajaleshbna@uccollege.edu.in Mobile: 919249512906 (ii) Dr. Soney Varghese National Institute of Technology (NIT) Calicut NIT Campus Kozhikode PO, Kozhikode District, Kerala - 673601 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	(i) Principal, Union Christian College, UC College Rd, Aluva (ii) Director, NIT Calicut National Institute of Technology (NIT) Calicut NIT Campus Kozhikode PO, Kozhikode District, Kerala - 673601 (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Shilpi Paul)
Scientist F
ms_ps@serbonline.in



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT
An Autonomous body of the Government of Kerala

KSCSTE –Science Research Scheme- Project titled “ *Fabrication of low temperature, stable and sensitive gas sensors based on MoO₃-TMD (MoS₂) nanohybrid structures: An attempt for prototyping*” by Dr. Reshmi R, Assistant Professor, Dept. of Physics, Union Christian College, Aluva as Principal Investigator -financial assistance for the first year-Sanctioned - Orders issued.

Council (P) Order No325/2022/KSCSTE Dated: Thiruvananthapuram, 23/11/2022

- Ref: - 1, 1st PAC held on 23rd & 24th Sep 2022
 2, File No. KSCSTE/916/2022-SRSPS

ORDER

- Dr. Reshmi R, Assistant Professor, Dept. of Physics, Union Christian College, Aluva has submitted a project titled “ *Fabrication of low temperature, stable and sensitive gas sensors based on MoO₃-TMD (MoS₂) nanohybrid structures: An attempt for prototyping*” with Dr. Simi Pushpan K, Assistant Professor, Dept. of Chemistry, Union Christian College, Aluva and Dr. Alex Mathew, Assistant Professor, Dept. of Physics, Union Christian College, Aluva as Co-Investigators for financial assistance under SRS programme.
- As per the recommendation of the PAC - SRS, KSCSTE is pleased to accord sanction for financial assistance to the above project with Dr. Reshmi R as Principal Investigator for a period of **3 years** with a total outlay of Rs. 20,27,000/-. The 1st year sanctioned grant is Rs. 11,89,000/-.
- The budget estimate of the project for three years is as follows:

Budget	1 st Year	2 nd Year	3 rd Year	Total
1. Manpower Project Fellow-1 @Rs.22000/month	2,64,000	2,64,000	2,64,000	7,92,000
2. Consumables	1,00,000	1,00,000	1,00,000	3,00,000
3. Equipments Home built CVD set up includes: Split furnace Quartz tube Necessary gas cylinders	8,00,000	Nil	Nil	8,00,000
4. Travel	5,000	10,000	10,000	25,000
5. Contingencies	20,000	20,000	20,000	60,000
6. Institutional Overhead	Nil	Nil	50,000	50,000
TOTAL	11,89,000	3,94,000	4,44,000	20,27,000

- KSCSTE is pleased to release the first year grant of Rs. 11,89,000/- (Rupees eleven lakh eighty nine thousand only). The amount will be disbursed to The Principal, Union Christian College, Aluva-683102 by electronic transfer for the above said purpose. The expenditure will be met from the Council fund III Schemes and Programmes of KSCSTE (I) Provision of Science Research Scheme Projects.

Beneficiary Account Name	The Principal, Union Christian College
Beneficiary Account Number	856610110011194
Beneficiary IFSC Code	BKID0008566
Beneficiary Bank Name & Branch	Bank of India, UC College
Beneficiary Address	Union Christian College, Aluva
Beneficiary Phone Number	9446127331
Beneficiary Email id	rreshmi@gmail.com

5. The Progress report, Utilization Certificate (UC) and Statement of Expenditure (SE) are to be submitted on a project year basis, so as to be received by the end of the project year. The date of start of the project should be intimated to the Council by the PI/ authorities, which should in no case, be later than one month after the receipt of the amount by the Institute.


K.P. SUDHEER
EXECUTIVE VICE PRESIDENT, KSCSTE

To

The Principal, Union Christian College, Aluva-683102

Copy to:

Dr. Reshmi R, Assistant Professor, Department of Physics, Union Christian College, Aluva
Cash Section, Stock File/ Office Copy



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT

An Autonomous body of the Government of Kerala

KSCSTE – Fellowship (2021) – Ms. Anjana A -Release of 1st year grant – Revised Orders issued

Council (P) Order No46/2023/KSCSTE Dated: Thiruvananthapuram,05-03-2023

Ref - 1) No. KSCSTE/1011/2022-FSHP-LS
2) (P) Order No.353/2022/KSCSTE dt:16.12.2022

ORDER

1. Kerala State Council for Science, Technology & Environment (KSCSTE) is operating a research fellowship programme for the toppers in M.Sc./M.Tech. courses from the Universities in Kerala, to carry out research work leading to Ph.D. Ms. Anjana A, was selected for the KSCSTE fellowship in the year 2021 in Life Sciences. The candidate has now completed all the formalities relating to the release of first year fellowship.

2. KSCSTE is pleased to accord sanction for the release of an amount of Rs. 4,29,200/- being the 1st year grant (Rs. 3,72,000/- towards the fellowship grant @ Rs. 31,000 per month + Rs. 37,200/- towards HRA + Rs.20,000/- towards annual contingency) to Ms. Anjana A, Research Scholar, Dept. of Zoology, Union Christian College, Aluva for the period from 24.08.2022 -23.08.2023.

3. An amount of Rs. 4,29,200/- (Rupees Four Lakh Twenty Nine Thousand Two Hundred Only) will be released as the fellowship grant for the first year by means of Electronic Fund Transfer (NEFT) as per their bank details given below in favour of The Principal, Union Christian College, Aluva. The expenditure in this regard will be met from the Council fund under III Schemes and Programmes of KSCSTE 4(a) Research Fellowship

Beneficiary Account Name	Principal U C College, Aluva
Beneficiary Account Number (SB/CC)	00000057044384073
Beneficiary IFSC code	SBIN0070147
Beneficiary Name and Branch	State bank of India, Aluva -Catholic centre
Beneficiary Address	State bank of India, Aluva -Catholic centre
Beneficiary Mobile No:	8848947411
Beneficiary email id	anjananil1996@gmail.com

4. The candidate should submit annual report, utilization certificate and the audited statement of expenditure for the sanctioned amount, duly signed by the Head of the institution.

5. The previous order (ref 2) for first year fellowship hereby stands cancelled.

K P SUDHEER
EXECUTIVE VICE PRESIDENT, KSCSTE

To
The Principal, Union Christian College, Aluva- 683102

Copy to:

STATIONERY UNIT

Mr. T,
Professor,
Faculty,
Home Science College,
Aluva-683102.

Ms. Anjana A,
KSCSTE Research Scholar,
Dept. of Zoology,
Union Christian College, Aluva-683102.

Stationery, Stock File/ Office Copy


KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT
An Autonomous body of the Government of Kerala
KSCSTE Fellowship (2021) – Ms. Anjana A -Release of first year grant –sanctioned – Orders issued
Council (P) Order No.353/2022/KSCSTE Dated: Thiruvananthapuram,16-12-2022
Ref - 1. No. KSCSTE/1011/2022-FSHIP-LS
ORDER

1. Kerala State Council for Science, Technology & Environment (KSCSTE) is operating a research fellowship programme for the toppers in M.Sc./M.Tech. courses from the Universities in Kerala to carry out research work leading to Ph.D. **Ms. Anjana A.**, was selected for the KSCSTE fellowship in the year 2021 in Life Sciences. The candidate has now completed all the formalities relating to the release of first year fellowship.
2. KSCSTE is pleased to accord sanction for the release of an amount of **Rs. 4,29,200/-** being the 1st year grant (Rs. 3,72,000/- towards the fellowship grant @ Rs. 31,000 per month + Rs. 37,200/- towards HRA + Rs.20,000/- towards annual contingency) to **Ms. Anjana A.**, Research Scholar, Dept. of Zoology, Union Christian College, Aluva for the period from **13.04.2022 - 12.04.2023.**
3. An amount of **Rs. 4,29,200/- (Rupees Four Lakh Twentynine Thousand Two Hundred Only)** will be released as the fellowship grant for the first year by means of Electronic Fund Transfer (NEFT) as per their bank details given below in favour of **The Principal**, Union Christain College, Aluva. The expenditure in this regard will be met from the Council fund under **III Schemes and Programmes of KSCSTE 4(a) Research Fellowship.**

Beneficiary Account Name	Principal U C College, Aluva
Beneficiary Account Number (SB/CC)	00000057044384073
Beneficiary IFSC code	SBIN0070147
Beneficiary Name and Branch	State bank of India, Aluva -Catholic centre
Beneficiary Address	State bank of India, Aluva -Catholic centre
Beneficiary Mobile No:	8848947411
Beneficiary email id	anjananil1996@gmail.com

4. The candidate should submit annual report, utilization certificate and the audited statement of expenditure for the sanctioned amount, duly signed by the Head of the institution.

K P SUDHEER
EXECUTIVE VICE PRESIDENT, KSCSTE
To
The Principal, Union Christain College, Aluva- 683102

Order No. 353/2022/KSCSTE
 Dated: 16/12/2022
 Thiruvananthapuram

Staff

Dr. T.
Assistant Professor, Dept. of Zoology,
St. Home Science College,
Mysore-575002

Ms. Anjana A.
KSCSTE Research Scholar, Dept.
Zoology,
Union Christian College, Mysore-575002

Cash Section, Stock File Office Copy



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/WOS-A/PM-87/2021 (G)
(WISE KIRAN)

Technology Bhawan, New Delhi
Dated: 22/03/2023

Sanction Order

Subject: Financial assistance for the project entitled "Fabrication of heterostructured ZnO nano photocatalysts for Antimicrobial activity and Photodynamic Therapy" submitted by Ms. Surya Mary A, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, ERNAKULAM, KERALA, 683102 Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 19,54,032/- (Rupees Nineteen Lakh Fifty Four Thousand Thirty Two only) for a duration of 3 Years. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 17,51,190/-

Capital Component : ₹ 2,02,842/-

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Photochemical Reactor Setup; Magnetic Stirrer with Hot Plate; Digital pH Meter- Non-Recurring Grant - 3	202842	0	0	202842
Subtotal (Capital)	202842	0	0	202842
2- Recurring				
Project Staff	438960	438960	438960	1316880
Project Scientist-I-I (Women Scientist)	438960	438960	438960	1316880
Consumables	66523	66523	66523	199569
Contingency	20000	20000	20000	60000
Travel	10000	10000	10000	30000
Overhead	59066	42838	42837	144741
Subtotal (General)	594540	578321	578320	1751190
Total Project Cost (Cap.+ Gen.)	797391	578321	578320	1954032

2. The sanction of the President is also accorded to the release of Rs. 5,94,549/- (Rupees Five Lakh Ninety Four Thousand Five Hundred Forty Nine only) to the "Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA" being the First installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2022-23:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.01	Disha Programme for Women in Science
3425.60.200.68.01.31	Grants-in-aid General
	(Previous: 3425.60.200.55.01.31)

4. The amount of Rs. 5,94,549/- (Rupees Five Lakh Ninety Four Thousand Five Hundred Forty Nine only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. The amount of Rs. 5,94,549/- (Rupees Five Lakh Ninety Four Thousand Five Hundred Forty Nine only) will be drawn by the "CNA account of Autonomous body TDB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA". The bank details for electronic transfer of funds through RTGS are given below:-

Name of A/C Holder	Principal, U.C. College, Aluva-683102, Kerala
Bank A/C No	60427660591
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0002089

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 676 . in the register of grants maintained in the WISE KIRAN for the scheme Women Scientists Scheme A .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/I/210323/31/04179 dated 21/03/2023.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FC/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. This sanction order is subject to the Terms & Conditions as annexured .

11. The organization is registered on NGO Darpan Portal and their Unique ID is KL/2017/0169346



Dr. Vandana Singh
(Scientist - 'F')
vandana.singh@nic.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi - 110 016.

Copy of information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Ms. Surya Mary A, DST-Woman Scientist, Department of Physics, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam , Kerala - 683102
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam , Kerala - 683102
7. Secretary, TDB, New Delhi (for allocation of limits to implementing agency)
8. Head (WISE KIRAN) DST
9. Sanction Folder (WISE KIRAN)



Dr. Vandana Singh
(Scientist - 'F')
vandana.singh@nic.in



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/WOS-A/PM-87/2021 (C)
(WISE KIRAN)

Technology Bhawan, New Delhi
Dated: 22/03/2023

Sanction Order

Subject: Financial assistance for the project entitled "Fabrication of heterostructured ZnO nano photocatalysts for Antimicrobial activity and Photodynamic Therapy" submitted by Ms. Surya Mary A, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, ERNAKULAM, KERALA, 683102. Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 19,54,032/- (Rupees Nineteen Lakh Fifty Four Thousand Thirty Two only) for the duration of 3 Years. The detailed breakup of the grant for general as well as capital components are given below: -

General Component : ₹ 17,51,190

Capital Component : ₹ 2,02,842

Sl.No.	Name of the Equipment	Qty.	Non-Recurring Head (in Rs.)			
			1 Year	2 Year	3 Year	Total
1	Photochemical Reactor Setup; Magnetic Stirrer with Hot Plate; Digital pH Meter-Non-Recurring Grant	3	202842	0	0	202842
Total			202842	0	0	202842

2. The sanction of the President is also accorded to the release of Rs. 2,02,842/- (Rupees Two Lakh Two Thousand Eight Hundred Forty Two only) to the "Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA" being the First installment of grant as mentioned above table under "Capital Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2022-23:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.01	Disha Programme for Women in Science
3425.60.200.68.01.35	Grants for creation of capital assets
	(Previous: 3425.60.200.55.01.35)

4. The amount of Rs. 2,02,842/- (Rupees Two Lakh Two Thousand Eight Hundred Forty Two only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. The amount of Rs. 2,02,842/- (Rupees Two Lakh Two Thousand Eight Hundred Forty Two only) will be drawn by the "CNA account of Autonomous body TDB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA".

The bank details for electronic transfer of funds through RTGS are given below: -

Name of A/C Holder	Principal, U.C. College, Aluva-683102, Kerala
Bank A/C No	60427660591
Name of the Bank & branch	Bank of Maharashtra

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 677 . in the register of grants maintained in the WISE KIRAN for the scheme **Women Scientists Scheme A**.
7. This issues with the concurrence of IFD Vide their Concurring Dy. No IFD/C/I/210323/35/04180 dated 21/03/2023.
8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.
9. The GI will ensure the compliance of OM. No. E. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.
10. This sanction order is subject to the **Terms & Conditions** as annexured .
11. The organization is registered on NGO Darpan Portal and their Unique ID is **KL/2017/0169346**



Dr. Vandana Singh
Scientist - 'F'
vandana.singh@nic.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi – 110 016.

Copy of information and necessary action to :-

1. The Principal Director of Audit, Scientific Department, 111rd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section, (two copies)
5. Ms. Surya Mary A, DST-Woman Scientist, Department of Physics, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam , Kerala - 683102
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam , Kerala - 683102
7. Secretary, TDB, New Delhi (for allocation of limits to implementing agency)
8. Head (WISE KIRAN) DST
9. Sanction Folder (WISE KIRAN)



Dr. Vandana Singh
Scientist - 'F'
vandana.singh@nic.in



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/WOS-A/CS-52/2021 (G)
(WISE KIRAN)

Technology Bhawan, New Delhi

Dated: 23/03/2023

Sanction Order

Subject: Financial assistance for the project entitled "Synthesis and characterization of novel porphyrinoids bearing privileged heterocycles and their medicinal applications" submitted by Ms. Vidhya K V, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, ERNAKULAM, KERALA, 683102 Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 22,46,604/- (Rupees Twenty Two Lakh Forty Six Thousand Six Hundred Four only) for a duration of 3 Years. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 18,52,854/-

Capital Component : ₹ 3,93,750/-

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Immersion Cooler-Non-Recurring Grant - 1	393750	0	0	393750
Subtotal (Capital)	393750	0	0	393750
2- Recurring				
Project Staff				
Project Scientist-I-1 (Women Scientist)	405480	405480	405480	1216440
Consumables				
Contingency	150000	100000	100000	350000
Travel	20000	20000	20000	60000
Overhead	79138	43638	43638	166414
Subtotal (General)	674618	589118	589118	1852854
Total Project Cost (Cap.+ Gen.)	1068368	589118	589118	2246604

2. The sanction of the President is also accorded to the release of Rs. 6,74,618/- (Rupees Six Lakh Seventy Four Thousand Six Hundred Eighteen only) to the "Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA" being the First installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debit to Demand No. 89, Department of Science & Technology for the year 2022-23:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.01	Disha Programme for Women in Science
3425.60.200.68.01.31	Grants-in-aid General
	(Previous: 3425.60.200.55.01.31)

4. The amount of Rs. 6,74,618/- (Rupees Six Lakh Seventy Four Thousand Six Hundred Eighteen only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
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Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. The amount of Rs. 6,74,618/- (Rupees Six Lakh Seventy Four Thousand Six Hundred Eighteen only) will be drawn by the "CNA account of Autonomous body TDB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA". The bank details for electronic transfer of funds through RTGS are given below:-

Name of A/C Holder	Principal, Union Christian College, Aluva-683102, Kerala
Bank A/C No	60427660591
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0002089

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 679. In the register of grants maintained in the WISE KIRAN for the scheme Women Scientists Scheme A.

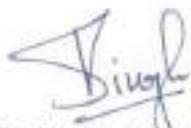
7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/I/230323/31/04264 dated 23/03/2023.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. This sanction order is subject to the Terms & Conditions as annexured.

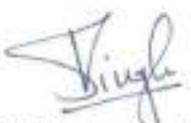
11. The organization is registered on NGO Darpan Portal and their Unique ID is KL/2017/0169346


Dr. Vandana Singh
(Scientist - 'F')
vandana.singh@nic.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi - 110 016.

Copy of information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Ms. Vidhya K V, Women Scientist, Department of Chemistry, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam, Kerala - 683102
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam, Kerala - 683102
7. Secretary, TDB, New Delhi (for allocation of limits to implementing agency)
8. Head (WISE KIRAN) DST
9. Sanction Folder (WISE KIRAN)


Dr. Vandana Singh
(Scientist - 'F')
vandana.singh@nic.in



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/WOS-A/CS-52/2021 (C)
(WISE KIRAN)

Technology Bhawan, New Delhi
Dated: 23/03/2023

Sanction Order

Subject: Financial assistance for the project entitled "Synthesis and characterization of novel porphyrinoids bearing privileged heterocycles and their medicinal applications" submitted by Ms. Vidhya K V, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, ERNAKULAM, KERALA, 683102. Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 22,46,604/- (Rupees Twenty Two Lakh Forty Six Thousand Six Hundred Four only)** for the duration of **3 Years**. The detailed breakup of the grant for general as well as capital components are given below: -

General Component : ₹ 18,52,854

Capital Component : ₹ 3,93,750

Sl.No.	Name of the Equipment	Qty.	Non-Recurring Head (in Rs.)			
			1 Year	2 Year	3 Year	Total
1	Immersion Cooler-Non-Recurring Grant	1	393750	0	0	393750
Total			393750	0	0	393750

2. The sanction of the President is also accorded to the release of **Rs. 3,93,750/- (Rupees Three Lakh Ninety Three Thousand Seven Hundred Fifty only)** to the "Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA" being the First installment of grant as mentioned above table under "Capital Component" for the above mentioned project.

3. The expenditure involved is debitible to Demand No. 89, Department of Science & Technology for the year 2022-23:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.01	Disha Programme for Women in Science
3425.60.200.68.01.35	Grants for creation of capital assets
	(Previous: 3425.60.200.55.01.35)

4. The amount of **Rs. 3,93,750/- (Rupees Three Lakh Ninety Three Thousand Seven Hundred Fifty only)** will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. The amount of **Rs. 3,93,750/- (Rupees Three Lakh Ninety Three Thousand Seven Hundred Fifty only)** will be drawn by the "CNA account of Autonomous body TDB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, UNION CHRISTIAN COLLEGE ALUVA".

The bank details for electronic transfer of funds through RTGS are given below: -

Name of A/C Holder	Principal, Union Christian College, Aluva-683102, Kerala
Bank A/C No	60427660591
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0002089

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 680 in the register of grants maintained in the WISE KIRAN for the scheme Women Scientists Scheme A.
7. This issues with the concurrence of IFD Vide their Concurring Dy. No IFD/C/I/230323/35/04265 dated 23/03/2023.
8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.
9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.
10. This sanction order is subject to the Terms & Conditions as annexured.
11. The organization is registered on NGO Darpan Portal and their Unique ID is KI/2017/0169346



Dr. Vandana Singh
Scientist - 'F'
vandana.singh@nic.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi - 110 016.

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
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3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Ms. Vidhya K V, Women Scientist, Department of Chemistry, UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam, Kerala - 683102
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), UNION CHRISTIAN COLLEGE ALUVA, KOCHI, Ernakulam, Kerala - 683102
7. Secretary, TDB, New Delhi (for allocation of limits to implementing agency)
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