



UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI-110 002

No.F.1-6/2018 (AAC/MOOCs)

18<sup>th</sup> May, 2018

The  
Registrar  
Central University of Kerala  
Tejaswini Hills, Periy Post, Kasaragod, Kerala 671316

18 MAY 2018

**Name of the Project:** Development of Non-Technology PG Degree Online Courses for SWAYAM

**Name of Course Coordinator (CC):** Dr. Joseph Koyippally Joseph

**Course Name:** Shakespeare Across Cultures

**Number of Credits:** 4 credit

**Name of the Host Institute having agreed for conduct of examination and transfer of the Credit:** Central University of Kerala, Tejaswini Hills, Periy Post, Kasaragod, Kerala 671316

The UGC has received the acceptance of Dr. Joseph Koyippally Joseph, Associate Professor, Department of English and Comparative Literature, Central University of Kerala for development of MOOCs course in Shakespeare Across Cultures in response to UGC's email dated 13<sup>th</sup> April, 2018, conveying UGC's "*in principle*" approval of the detailed proposal for non-technology PG MOOCs for SWAYAM Platform.

I am directed to inform you that, the UGC is releasing 10% of the total MOOCs cost as the first instalment for preparing Course material for the first week of the MOOCs course.

| Sr. No. | Name of the Course | Amount allocated per Course | Amount being released ( 10 % of the total cost ) |
|---------|--------------------|-----------------------------|--|
|         |                    | (Rs. in lakhs)              | Rs   |
| 1       |                    | 13.50                       | 1.35 (One lakh thirty five thousand only)        |

Here it may be mentioned that the final approval of the course is subject to the approval of the one week course content by the UGC Academic Advisory Council.



The Course Coordinator has full autonomy to utilize the funds/budget as per his/her wisdom in the MHRD approved budget heads mentioned below. ( *This budget head may be used as reference for utilising the 10 % being released now and on approval of the course for subsequent utilisation of funds.* )

**A. Development of new MOOCs:**

**Teaching Learning Material(TLM) & On-Camera Presentation**

| S. No.  | Details   | Rs. in Lakhs |
|---|---|--------------|
| 1   | Preparation of the TLM, assessment, presentations, online reference material etc. including transcript - for 40 hours course material | 1.50         |
| 2   | On Camera presentation by SME (Subject Matter Expert) @ Rs. 5000 per module (30 minutes)  | 2.00         |
| 3   | Academic Review with two subject matter experts (for all four quadrant material) @ Rs. 1000 per module (30 minutes)                   | 0.80         |
| 4   | Technical review by one technical expert @ Rs. 500 per module (30 minutes)  | 0.20         |
| <b>Sub-Total (Sl. No 1 to 4) payment to SMEs and Reviewers (for 40 hours)</b> |   | <b>4.50</b>  |

**B. Video Production (Tentative - 40 hours):**

| S. No.   | Details  | Rs. in lakhs |
|--|--|--------------|
| 1.   | Production cost (including cost of studio, set, crew and instructional designer) | 5.25         |
| 2.   | Multimedia or outdoor shooting inputs  | 1.75         |
| 3.   | Post production (@ Rs. 5.000 per hour)   | 2.00         |
| <b>Sub-Total (Sl. No 1 to 3) Video Production Cost</b> |  | <b>9.00</b>  |
| <b>Grand Total ( A + B) =</b>                          |  | <b>13.5</b>  |

On approval of the first week course by UGC Academic Advisory Committee (SMEGs), the remaining grant shall be released in two instalments of 70% & 20% of which 20% grant will be released only after successfully uploading the Course on the SWAYAM Platform.

Further, this is to inform that MHRD does not allow institutional/ overhead charges in this project and institute/university is requested to release the entire funds to Course-Coordinator(CC) and allow CC to utilize it for development of MOOCs Course.

Yours faithfully,



**(Dr. Diksha Rajput)**

Publication Officer

Dr. DIKSHA RAJPUT

Publication Officer

University Grants Commission

Bahadur Shah Zafar Marg

New Delhi-110002



Dated: 07-Nov-2019

**ORDER**

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Preetha TS, University College , Palayam,Thiruvananthapuram., Thiruvananthapuram, Kerala-695034-** under the mentorship of Dr. Padmesh Pillai, at **Central University of Kerala BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod - 671123-** 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. Eighteen Lakh Thirty Thousand Only)** for a duration of 36 months.

The date of start of the **project** will be 01 November, 2019. 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

**University College , Palayam,Thiruvananthapuram., Thiruvananthapuram, Kerala-695034 (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                 |

**Central University of Kerala BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod - 671123 (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 **University College, Palayam,Thiruvananthapuram. , Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** to **Central University of Kerala BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod - 671123** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitible to

**Fund for Science & Engineering Research (FSER)**

This release is being made under Teachers Associateship For Research Excellence (TARE). (Plant Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No **SERB/F/6403/2019-2020** dated **07 November, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ( [www.serb.gov.in](http://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:

**University College , Palayam,Thiruvananthapuram., Thiruvananthapuram, Kerala-695034 (Parent Institute) :**

|                                    |   |
|------------------------------------|---|
| PFMS Unique Code                   | UTYCOLLEGE  |
| Account Name                       | UNIVERSITY COLLEGE  |
| Account Number                     | 30657360521   |
| Bank Name & Branch                 | STATE BANK OF INDIA TRIVANDRUM BRANCH, PB.NO.14,STATUE, THIRUVANANTHAPURAM 695001 |
| IFSC/RTGS Code                     | SBIN0000941   |
| Email address of PI                | preethahemanth@yahoo.com  |
| Email id of A/C Holder             | principal.uc@gmail.com  |
| Email address of concerned officer | ms_tare@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:

**Central University of Kerala BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod - 671123 (Host Institute) :**

|                                    |  |
|------------------------------------|--|
| PFMS Unique Code                   | CUKERALA   |
| Account Name                       | CENTRAL UNIVERSITY OF KERALA SP034   |
| Account Number                     | 47042010002250   |
| Bank Name & Branch                 | SYNDICATE BANK PERIYE, BLDG NO.100, OPPOSITE GOVT. POLYTECHNIC COLLEGE, PERIYE, PIN - 671316 |
| IFSC/RTGS Code                     | SYNB0004704  |
| Email address of PI                | preethahemanth@yahoo.com   |
| Email id of A/C Holder             | registrar@cukerala.ac.in   |
| Email address of concerned officer | ms_tare@serbonline.in  |

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/2019/000321 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.

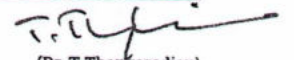
15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

  
 (Dr. T Thangaradjou)  
 Scientist E  
 ms\_tare@serbonline.in

To,  
 Under Secretary  
 SERB, New Delhi

Copy forwarded for information and necessary action to: -

|    |  |
|----|--|
| 1. | The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I P Estate, Delhi-110002   |
| 2. | Sanction Folder, SERB, New Delhi.  |
| 3. | File Copy  |
| 4. | (i) Dr. Preetha TS<br>Department of Botany<br>University College, Palayam, Thiruvananthapuram., Thiruvananthapuram, Kerala-695034<br>Email: preethahemanth@yahoo.com<br>Mobile: 919496254040<br><br>(ii) Dr. Padmesh Pillai<br>Central University of Kerala BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod - 671123<br><br>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc.<br>Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .) |
| 5. | (i) PRINCIPAL,<br>University College, Palayam, Thiruvananthapuram.<br><br>(ii) REGISTRAR, CENTRAL UNIVERSITY OF KERALA<br>Central University of Kerala BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod - 671123<br><br>(Receipt of Grant may be intimated by name to the undersigned)   |

  
 (Dr. T Thangaradjou)  
 Scientist E  
 ms\_tare@serbonline.in



FILE NO. ECR/2016/001934  
**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: 24-Mar-2017

**ORDER**

Subject: Financial Sanction of the research project titled "**Molecular understanding of orphan Rice landraces and their utilization**" under the guidance of Dr. Alagu Manickavelu, Genomic Science, Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123 - 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. 4713060/- (Rs. Forty Seven Lakh Thirteen Thousand and Sixty Only) with break-up of Rs. 1500000/- under Capital (Non-recurring) head and Rs. 3213060/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 4713060/- has been approved are given below:  
The following budget may be considered for Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod


| S. No    | Head   | Total (in Rs.) |
|----------|--|----------------|
| <b>A</b> | <b>Non-recurring</b>   | 1500000        |
| 1        | Equipment<br>-> 384 Well Thermocycler<br>{Other Cost: INR 300 }<br>-> -86 C deep freezer |                |
| A'       | Total (Non-Recurring)  | 1500000        |
| <b>B</b> | <b>Recurring Items</b>   | 2784600        |
| 1        | Recurring - A : ( Manpower, Consumables, Travel, Contingencies)                          |                |
| 2        | Recurring - B : (Overhead Charges)   | 428460         |
| B'       | Total (Recurring)  | 3213060        |
| <b>C</b> | <b>Total cost of the project (A + B')</b>  | 4713060        |

2. Sanction of the SERB is also accorded to the payment of
  - Rs. 1500000/- (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and Rs. 200000/- (Rupees Two Lakh only) under 'Grants-in-aid General' to Registrar, Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod being the first installment of the grant for the year 2016-2017 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 Early Career Research Award. (EC Life Sciences)**
4. The Sanction has been issued to Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod with the approval of the competent authority under delegated powers on **22 March, 2017** and vide Diary No. SERB/F/9837/2016-17 dated **23 March, 2017**
5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
8. 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.
9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
10. The release amount of Rs. 1700000/- (Rupees Seventeen Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:



|                        |  |
|------------------------|--|
| Account Name           | Registrar, Central University of Kerala  |
| Account Number         | 0711101068500  |
| Bank Name & Branch     | Canara Bank Periya, PP 7/671 C and D, Ground Floor, Periya, Kasaragod, Kerala - 671316 |
| IFSC/RTGS Code         | CNRB0004111  |
| Email id of A/C Holder | cukgod@gmail.com   |
| Email id of PI         | amanicks@cukerala.ac.in  |

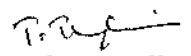
11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the 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. ECR/2016/001934 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 favoring "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, 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.
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, a statutory body of Department of Science & Technology (DST), Government of India.

  
 (Dr. Thangaradjou T)  
 Scientist E  
 ttradjou@serb.gov.in

To,  
 Finance & Budget Officer  
 SERB, New Delhi

Copy forwarded for information and necessary action to: -

|    |   |
|----|---|
| 1. | The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002   |
| 2. | Sanction Folder, SERB, New Delhi.   |
| 3. | File Copy   |
| 4. | Dr. Alagu Manickavelu<br>Genomic Science<br>Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod,<br>Kasaragod, Kerala-671123<br>Email: amanicks@cukerala.ac.in<br>Mobile: 919488846857<br>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .) |
| 5. | Registrar,<br>Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod<br><br>(Receipt of Grant may be intimated by name to the undersigned)  |

  
 (Dr. Thangaradjou T)  
 Scientist E  
 ttradjou@serb.gov.in



FILE NO. EEQ/2018/001085  
**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: 23-May-2019

**ORDER**

Subject: Financial Sanction of the research project titled "**Molecular Diversity and Bioprospecting of Carotenoids producing haloarchaea in search of novel anti-cancer agents**" under the guidance of Dr. Ranjith N. Kumavath, Genomic Science, Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123 - 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. 5262500/- (Rs. Fifty Two Lakh Sixty Two Thousand Five Hundred Only)** with break-up of **Rs. 1800000/- under Capital (Non-recurring) head** and **Rs. 3462500/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 5262500/-** has been approved are given below:

| S. No    | Head   | Total (in Rs.)              |
|----------|--|-----------------------------|
| <b>A</b> | <b>Non-recurring</b>   |                             |
| 1        | Equipment<br>-> Preparative HPLC   | 1800000                     |
| A'       | Total (Non-Recurring)  | <b>1800000</b>              |
| <b>B</b> | <b>Recurring Items</b>   |                             |
| 1        | Recurring - I : (Manpower)<br>Recurring - II : ( Consumables, Travel, Contingencies)<br>Recurring - III : Scientific Social Responsibility | 1164000<br>1800000<br>20000 |
| 2        | Recurring - IV : (Overhead Charges)  | 478500                      |
| B'       | Total (Recurring)  | <b>3462500</b>              |
| <b>C</b> | <b>Total cost of the project (A' + B')</b>   | <b>5262500</b>              |

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1800000/-** (Rupees Eighteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 1168000/-** (Rupees Eleven Lakh Sixty Eight Thousand only) under 'Grants-in-aid General' to **Registrar, Central University of Kerala,, Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod** being the first installment of the grant for the year 2019-2020 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 Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (ST)**

4. The Sanction has been issued to Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod with the approval of the competent authority under delegated powers on **07 May, 2019** and vide Diary No. **SERB/F/828/2019-2020** dated **22 May, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under SSR is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. 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.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.



11. The release amount of **Rs. 2968000/-** (Rupees Twenty Nine Lakh Sixty Eight 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           | CENTRAL UNIVERSITY OF KERALA                |
| Account Number         | 42042200069750                              |
| Bank Name & Branch     | SYNDICATE BANK SYNDICATE BANK PERIYA BRANCH |
| IFSC/RTGS Code         | SYNB0004704                                 |
| Email id of A/C Holder | registrar@cukerala.ac.in                    |
| Email id of PI         | rnkumavath@gmail.com                        |

12. The institute will furnish to the SERB, New Delhi, 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.

13. 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.

14. The project File no. EEQ/2018/001085 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

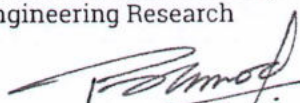
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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

17. 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.

18. 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.

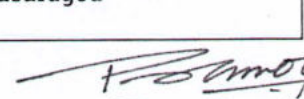
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

  
(Dr. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@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, IIIrd Floor I.P. Estate, Delhi-110002  |
| 2. | Sanction Folder, SERB , New Delhi.  |
| 3. | File Copy   |
| 4. | <b>Dr. Ranjith N. Kumavath</b><br>Genomic Science<br>Central University of Kerala , Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123<br>Email: rnkumavath@gmail.com<br>Mobile: 918547648620<br>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .) |
| 5. | Registrar, Central University of Kerala,,<br>Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod<br>(Receipt of Grant may be intimated by name to the undersigned)   |

  
(Dr. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@serb.gov.in



FILE NO. EMR/2016/003715  
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: 21-Mar-2017

**ORDER**

Subject: Financial Sanction of the research project titled "**Studies on the efficacy of Rubrivivaxin and Rhodethrin as Novel Inhibitors for Aromatase in ER- $\alpha$  Positive Breast Cancer Cells**" under the guidance of Dr. Ranjith N. Kumavath, Genomic Science, Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123 - 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. 4428750/- (Rs. Forty Four Lakh Twenty Eight Thousand Seven Hundred and Fifty Only) with break-up of Rs. 1199150/- under Capital (Non-recurring) head and Rs. 3229600/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 4428750/- has been approved are given below:

The following budget may be considered for Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod

| S.No     | Head   | Total (in Rs.) |
|----------|--|----------------|
| <b>A</b> | <b>Non-recurring</b>   |                |
| 1        | Equipment<br>-> PCR Workstations<br>-> TC20™ Automated Cell Counter with Thermal Label Printer<br>-> Low-temperature freezer (minus-85°C).<br>-> Chemiluminces Westron Blot Imager | 1199150        |
| A'       | Total (Non-Recurring)  | 1199150        |
| <b>B</b> | <b>Recurring Items</b>   |                |
| 1        | Recurring - A : ( Manpower, Consumables, Travel, Contingencies)  | 2829600        |
| 2        | Recurring - B : (Overhead Charges)   | 400000         |
| B'       | Total (Recurring)  | 3229600        |
| <b>C</b> | <b>Total cost of the project (A' + B')</b>   | <b>4428750</b> |

2. Sanction of the SERB is also accorded to the payment of

- Rs. 1199150/- (Rupees Eleven Lakh Ninety Nine Thousand One Hundred and Fifty only) under 'Grants for creation of capital assets' and Rs. 200000/- (Rupees Two Lakh only) under 'Grants-in-aid General' to Registrar, Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

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

This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Biophysics, Biochemistry, Molecular Biology & Microbiology)

4. The Sanction has been issued to Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod with the approval of the competent authority under delegated powers on 20 March, 2017 and vide Diary No. SERB/F/9610/2016-17 dated 21 March, 2017

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. 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.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of



10. The release amount of Rs. 1399150/- (Rupees Thirteen Lakh Ninety Nine Thousand One Hundred and Fifty only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

|                        |                                |
|------------------------|--------------------------------|
| Account Name           | CENTRAL UNIVERSITY OF KERALA   |
| Account Number         | 0711101068500                  |
| Bank Name & Branch     | CANARA BANK CANARA BANK PERIYA |
| IFSC/RTGS Code         | CNRB0004111                    |
| Email id of A/C Holder | finance@cukerala.ac.in         |
| Email id of PI         | rnkumavath@gmail.com           |

11. The institute will furnish to the SERB, New Delhi, 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. EMR/2016/003715 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 favoring "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, 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.

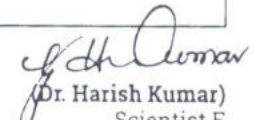
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

  
(Dr. Harish Kumar)  
Scientist E  
ms\_bb@serbonline.in

To,  
Finance & Budget Officer  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

|    |   |
|----|---|
| 1. | The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002   |
| 2. | Sanction Folder, SERB, New Delhi.   |
| 3. | File Copy   |
| 4. | Dr. Ranjith N. Kumavath<br>Genomic Science<br>Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123<br>Email: rnkumavath@gmail.com<br>Mobile: 918547648620<br>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .) |
| 5. | Registrar,<br>Central University Of Kerala, BKM Towers, Nayanmar Mooia Vidyanagar P.O. Kasaragod<br><br>(Receipt of Grant may be intimated by name to the undersigned)  |

  
(Dr. Harish Kumar)  
Scientist E  
ms\_bb@serbonline.in





**icmr**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH

भारतीय आयुर्विज्ञान अनुसंधान परिषद **Speed Pool**  
**INDIAN COUNCIL OF MEDICAL RESEARCH**

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029

V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 45/41/2019 –BIO/BMS

Date: 16/08/2019

To,

✓ Dr. Ranjith Kumavath  
Assistant Professor  
Department of genomic Science  
Central University of Kerala  
Kasaragod, Kerala - 671316

Subject:- Award of Research Fellowship to **Mr. Jamseel M, SRF**, on the Research project entitled "**Isolation and Characterization of Haloarchaeal Carotenoids from Arabian Sea coast and its Biological Properties**".

Dear Sir/Madam

The Director General, ICMR sanctions Research Fellowship to **Mr. Jamseel M, SRF**, on a stipend of **Rs. 35,000/- p.m.** to carry out research on the project mentioned above, under your guidance. H.R.A. and Medical reimbursement will be paid as per rules of your University.

The award of Fellowship will be subject to the following terms and condition:

**TENURE:** It will be tenable for one year only from the date of joining duty and will be on yearly basis subject to maximum of **three years**.

Its continuance will, however, depend on the satisfactory progress of work and can be terminated at any time on a one month's notice, if the progress is not satisfactory, or on receiving adverse report from the Guide. The Fellow will be required to work on the project for a period at least one year.

The event of his/her leaving before completing one year on the fellowship, he/she may be required to refund the stipend drawn by him/her from the date of joining to the date of leaving the fellowship.

**PRIVATE PRACTICE:** Private practice of any kind, or taking up any appointment even in an honorary capacity during the fellowship is not permitted.

**ADMINISTRATIVE CONTROL:** The candidate will be under the administrative control of the Institution where he/she works, and will also be subject to the rules and regulations of the Institute.

**LEAVE:** Leave will be admissible according to the rules of the Institution, however in the case of female research fellows leave with stipend upto 6 months (in lieu of maternity leave) may be granted. No other kind of leave (such as sick leave) etc. will be admissible. Awardees are not entitled to vacation normally admissible to the staff of an Institution.

**HRA:** HRA will only be paid, if the fellow is not availing any hostel facility. A certificate to this effect should be sent along with joining report for payment of HRA.

**REPORTS:** The awardee shall submit 1<sup>st</sup> annual reports for the first 10 months on the prescribed standard proforma.

The first annual report should be submitted after 10 months from the date of commencement of the fellowship giving complete factual details of the research work done through the Guide alongwith his/her appraisal. Subsequent annual report should be submitted through the Guide two months before the completion of fellowship tenure. Failure to submit reports in time may lead to termination of the award. Six copies of the final report in the prescribed form clearly shall be submitted one month before the date of termination of the award.

A list of the papers published or presented at Scientific Conferences during the tenure of the fellowship should also be furnished with the annual and final reports.

**PAYMENT OF FUNDS:** The stipend and the funds for contingencies shall be paid as per procedure laid down in the enclosed an annexure.

**CONTINGENT EXPENDITURE:** An annual contingent grant of Rs. 20000/- p.a. will be admissible. The contingent grant is given to meet petty expenditure for purchase of chemicals, reagents etc. No non-expenditure article or equipment can be purchased out of the grant.

**TRAVEL:-**

Traveling allowance will not be admissible for joining duty or on termination of the award.

**The Council may approve tours of research fellows/associate for:-**

1. Attending symposium/seminar/conference provided the fellow/associate is presenting a paper which has been accepted by the organizers of the symposium/seminar/conference.
2. Field work connected with research
3. TA/DA would be admissible as per the rules applicable to Central Government Officers with basic pay equivalent to the amount of the fellowship stipend.

**NOTE:- The expenditure on this account will be met**

**POST FELLOWSHIP CARRIER:-**

1. The Research Fellow can register himself/herself for postgraduate qualification and to utilize in his/her the work done by him/her during his/her fellowship tenure. A copy of these submitted for postgraduate degree will have to be sent to the Council for information and record **from the contingent grant sanctioned to the fellow**. Due acknowledgement to the ICMR should be made in the thesis by the research fellows.
2. The Research Fellow should also send to the Council for information a brief report on the post/job taken by him/her after the expiry of the fellowship.

The date indication forenoon/afternoon on which he/she the fellowship may please be intimated to this office. He/she may be asked to report for duty within a month from the date of issue of this letter failing which the award will be treated as cancelled.

Yours faithfully,



(G.S. Sandhu)  
Administrative Officer  
For Director-General

1. Copy to :- (Head of the Institution) The Registrar, Central University of Kerala Kasaragod,  
Kerala- 671316

2 Mr. Jamsee! M, SRF, Department of genomic Science Central University of Kerala Kasaragod,  
Kerala - 671316

3. Accounts Section – V, ICMR

4. IS ID: 2019-5904

Administrative Officer  
For Director General



**No. BT/PR26248/GET/119/247/2017**  
 GOVERNMENT OF INDIA  
 MINISTRY OF SCIENCE & TECHNOLOGY  
 DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
 CGO Complex, Lodhi Road,  
 New Delhi- 110 003  
 Dated: / /

**ORDER**

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Enhancing BLB immunity in rice through multiplex gene editing**" for a period of 3 Year 0 Month at a total cost of Rs. **6044200** (Rupees Sixty Lakhs Fourty Four Thousand Two Hundred Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title : "Enhancing BLB immunity in rice through multiplex gene editing"**

**2.2 Details of the Investigators:**

**Dr. Ginny Antony**  
 Assistant Professor  
 Department of Plant Science  
 Central University Kerala  
 #301 Godavari Department of  
 Plant Science, School of

**CO-PI:**

**Dr. Tony Grace**  
 Assistant Professor  
 Genomic Science  
 CENTRAL UNIVERSITY OF KERALA  
 Department of Genomic Science  
 riverside Transit Campus  
 Padannakad, Kasaragod, Kasaragod - 671315,  
 Kerala

**2.3**

**Objectives:**

1. Targeted mutagenesis of identified candidate S genes(109826, 27319 and AOPB) induced in rice- bacterial blight interaction using CRISPR/Cas system.
2. Functional characterization of novel S gene -Os2N3/OsSWEET15 (Os02g30910) in bacterial blight susceptibility of rice.

**2.4 Time Schedule:**

The duration of the project is 3 Year 0 Month from the date of this sanction order.

**2.5 Project Cost:**

The total cost of the project is Rs. **6044200/-**(Rupees Sixty Lakhs Fourty Four Thousand Two Hundred Only) as per details given below :

| Budget Head | Year I     | Year II | Year III | Total(Rs.)        |
|-------------|------------|---------|----------|-------------------|
| Equipment   | 1393000.00 |         |          | <b>1393000.00</b> |

|                    |                   |                   |                   |                   |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| Manpower           | 528000.00         | 528000.00         | 595200.00         | <b>1651200.00</b> |
| Overhead           | 100000.00         | 100000.00         | 100000.00         | <b>300000.00</b>  |
| Travel             | 50000.00          | 50000.00          | 50000.00          | <b>150000.00</b>  |
| Consumables        | 800000.00         | 800000.00         | 800000.00         | <b>2400000.00</b> |
| Contingency        | 50000.00          | 50000.00          | 50000.00          | <b>150000.00</b>  |
| <b>Total (Rs.)</b> | <b>2921000.00</b> | <b>1528000.00</b> | <b>1595200.00</b> | <b>6044200.00</b> |

**2.6 Equipment:**

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

**2.7 Manpower:**

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

**3. Head of Account:**

The **Non-Recurring** expenditure involved is debit to:

|                             |  |
|-----------------------------|--|
| <b>Demand No. 88</b>        | <b>Department of Biotechnology</b>                 |
| <b>3425</b>                 | Other Scientific Research 2018-2019                |
| <b>3425.60</b>              | Others (Sub Major Head)                            |
| <b>3425.60.200</b>          | Assistance to other Scientific Bodies (Minor Head) |
| <b>3425.60.200.29</b>       | Biotechnology Research and Development             |
| <b>3425.60.200.29.17</b>    | Assistance for Research and Development            |
| <b>3425.60.200.29.17.35</b> | Grants for creation of capital assets              |

The **Recurring** expenditure involved is debit to:

|                             |  |
|-----------------------------|--|
| <b>Demand No. 88</b>        | <b>Department of Biotechnology</b>                 |
| <b>3425</b>                 | Other Scientific Research 2018-2019                |
| <b>3425.60</b>              | Others (Sub Major Head)                            |
| <b>3425.60.200</b>          | Assistance to other Scientific Bodies (Minor Head) |
| <b>3425.60.200.29</b>       | Biotechnology Research and Development             |
| <b>3425.60.200.29.17</b>    | Assistance for Research and Development            |
| <b>3425.60.200.29.17.31</b> | Grants-in-Aid General                              |

**4. Terms & Conditions:**

[I] Considering the time bound nature of the project, the progress made in the project will be monitored once a year by the Task Force on GET, Constituted by DBT. [II] The Date of release of the grant is the date of implementation of the Project. [III] Extension proposal, if any should be submitted before 6 month from the probable date of completion of the project. [IV] It is the responsibility of the PI and the Institute to ensure that support of DBT is suitably acknowledged in the publications i.e. papers, reports etc. arising out of the project. [V] As per GFR the equipment sanctioned under the project should be purchased within 18 months from the date of release of the grant. [VI] The grantee institute is permitted to carry forward the unspent balance from the previous financial year after furnishing UC/SE in the DBT format to the Department for the previous financial year ending. [VII] In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent annum there on shall be recovered.

**4.1** The other terms and conditions governing this sanction are attached at Annexure- III.

**4.2A** Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

**4.3** 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 Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

**5.** No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

**6.** The Registrar, Central University Kerala, Kasaragod, Kerala would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

**7.** PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of



DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions 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 Institution or Organisation is called upon to do so.
9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at [www.nbaindia.org](http://www.nbaindia.org)
10. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/2851/2018-2019** dated **October, 03 2018**.
11. This sanction order has been noted at serial no. \_\_\_\_\_ in the Register of Grants.

**(Dr. D K Tewary)**  
**Scientist 'E'**

**To,**  
The Pay & Accounts Officer,  
Department of Biotechnology,  
New Delhi – 110 003.

**Copy to:**

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 The Registrar, Central University Kerala, Padannakkad, Nileswar, Kasaragod, Kerala, Kasaragod - 671123, Kerala
- 3 Dr. Ginny Antony, Assistant Professor, Department of Plant Science, Central University Kerala, #301 Godavari Department of Plant Science, School of Biological Sciences Central University of Kerala, Periya 671316, Kasaragod, Kerala, Kasaragod - 671316, Kerala
- 4 Dr. Tony Grace, Assistant Professor, Genomic Science, CENTRAL UNIVERSITY OF KERALA, Department of Genomic Science riverside Transit Campus Padannakad, Kasaragod, Kasaragod - 671315, Kerala
- 5 Cash Section, DBT (2 copies).
- 6 Sanction Folder.
- 7 File Copy.

**(Dr. D K Tewary)**  
**Scientist 'E'**

**Page No. [1 / 3]**

**Generated through eProMIS**

Dated: 22-Jan-2020

**ORDER**

Subject: Financial Sanction of the research project titled "**Investigating the role of Phytophthora palmivora candidate effectors in bud rot disease of coconut**" under the guidance of Dr. Ginny Antony, Department of Plant Science, Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123 and by Dr. Tony Grace, Assistant Professor, Department Of Genomic Science, Central University Of Kerala - 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. 4048410/- (Rs. Forty Lakh Forty Eight Thousand Four Hundred and Ten Only)** with break-up of **Rs. 975133/- under Capital (Non-recurring) head** and **Rs.3073277/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4048410/-** has been approved are given below:

| S. No     | Head   | Total (in Rs.)             |
|-----------|--|----------------------------|
| <b>A</b>  | <b>Non-recurring</b>   |                            |
| 1         | Equipment<br>-> Refrigerated Incubator shaker<br>-> Stereo microscope with camera<br>-> Gradient block for Proflex PCR                     | 975133                     |
| <b>A'</b> | <b>Total (Non-Recurring)</b>   | <b>975133</b>              |
| <b>B</b>  | <b>Recurring Items</b>   |                            |
| 1         | Recurring - I : (Manpower)<br>Recurring - II : ( Consumables, Travel, Contingencies)<br>Recurring - III : Scientific Social Responsibility | 570240<br>2075000<br>60000 |
| 2         | Recurring - IV : (Overhead Charges)  | 368037                     |
| <b>B'</b> | <b>Total (Recurring)</b>   | <b>3073277</b>             |
| <b>C</b>  | <b>Total cost of the project (A' + B')</b>   | <b>4048410</b>             |

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 975133/-** (Rupees Nine Lakh Seventy Five Thousand One Hundred and Thirty Three only) under 'Grants for creation of capital assets' and **Rs. 1064417/-** (Rupees Ten Lakh Sixty Four Thousand Four Hundred and Seventeen only) under 'Grants-in-aid General' to **Registrar, Central University of Kerala, Central University Of Kerala, Tejaswini Hills,Periye (PO), Kasaragod (DT), Kerala** being the first installment of the grant for the year 2019-2020 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. (Organismal and Evolutionary Biology(Plant Sciences))**

4. The Sanction has been issued to Central University Of Kerala, Tejaswini Hills,Periye (PO), Kasaragod (DT), Kerala with the approval of the competent authority under delegated powers on **21 January, 2020** and vide Diary No. **SERB/F/8994/2019-2020** dated **22 January, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. 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.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 2039550/-** (Rupees Twenty Lakh Thirty Nine Thousand Five Hundred and Fifty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:



|                        |   |
|------------------------|---|
| PFMS Unique Code       | CUKERALA  |
| Account Name           | CENTRAL UNIVERSITY OF KERALA  |
| Account Number         | 42042200069750  |
| Bank Name & Branch     | SYNDICATE BANK Periyē BLDG NO100 OPPGOVT Polytechnic College PIN 671316 |
| IFSC/RTGS Code         | SYNB0004704   |
| Email id of A/C Holder | registrar@cukerala.ac.in  |
| Email id of PI         | ginnyantony@gmail.com   |

12. 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.

13. 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.

14. The project File no. CRG/2019/006573 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

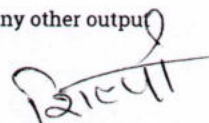
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project.

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

17. 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.

18. 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.

19. 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.



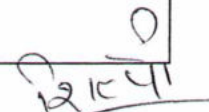
(Dr. Shilpi Paul)  
Scientist E

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, IIIrd Floor I.P. Estate, Delhi-110002   |
| 2. | Sanction Folder, SERB, New Delhi.   |
| 3. | File Copy   |
| 4. | <p><b>Dr. Ginny Antony</b><br/>Department of Plant Science<br/>Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123<br/>Email: ginnyantony@gmail.com<br/>Mobile: 918281361734</p> <p><b>Dr. Tony Grace</b><br/>Department Of Genomic Science<br/>Central University Of Kerala<br/>(Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p> |
| 5. | <p><b>Registrar, Central University of Kerala,</b><br/><b>Central University Of Kerala, Tejaswini Hills, Periyē (PO), Kasaragod (DT), Kerala</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>  |



(Dr. Shilpi Paul)  
Scientist E

ms\_ps@serbonline.in



Ginny Antony &lt;ginnyantony@gmail.com&gt;

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**Re.: Submission of Checklist with supporting documents**

5 messages

---

**Sanjay Kalia** <sanjay.kalia@nic.in>  
To: ginnyantony <ginnyantony@gmail.com>

Tue, Jun 16, 2020 at 1:33 PM

**BT/PR32159/AGIII/103/1133/2019**

Dear Dr. Ginny,

The Department is pleased to inform you that your proposal entitled "**Functional Analysis of putative S genes in pomegranate bacterial blight interaction**" submitted to DBT has been in principle recommended for funding by the STAG committee . **Recommendations of the STAG is given in Para 2.**

**2. Recommendations:** *Committee noted that this is an ambitious project since transformation in pomegranate as well as genome editing through CRISPR-Cas system has not been standardized by the PI so far. However, there is an imperative need to fund more projects in horticultural crops. The STAG recommended the proposal for financial support as proposed by the PI for a duration of three years.*

**3. Kindly confirm that you are willing to execute the project within two days to undersigned by email.**

**4.** You are requested to furnish the following documents duly signed and forwarded by Head of Institution for processing project for financial approval, within a period of **three weeks**:

- a. Invoices /quotations for the non-recurring items & quotation for outsourcing if any.
- b. Justification for equipment's in the project and quotation for the same.
- c. Details of on-going and completed projects with the PI.
- d. Certificate/Undertaking of the non-availability of the proposed equipment's with the Institute/University duly endorsed by HOD/Institution.
- e. List of available equipment's with your laboratory duly endorsed by HOD/Institution.
- f. Checklist.
- g. One copy of DSIR certificate.
- h. Original declaration (signed by PI and competent authority of Institution/University).
- i. EAT module undertaking.
- j. Guidelines of manpower proposed in project.
- k. No UC pending certificate.
- l. Interest Earned Undertaking.
- m. **In case of Private organisation -Please provide last three years audited report, DARPAN portal registration ID and SIRO certificate of your institute/University.**

**5.** CPSMS format is to be filled out and all the details provided. Ministry of Finance has made it mandatory to release the funds through RTGS only, and for this purpose following Bank Details is also to be provided:

Agency Name in the Bank  
Name of the Bank  
Account No  
IFSC Code  
MICR Code

**6.** Certificate/Undertaking formats are attached for your reference.



**No. BT/PR32159/AGIII/103/1133/2019**

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated: / /

**ORDER**

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Functional Analysis of putative S genes in pomegranate bacterial blight interaction**" for a period of 3 Year 0 Month at a total cost of Rs. **6322600** (Rupees Sixty Three Lakhs Twenty Two Thousand Six Hundred Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "**Functional Analysis of putative S genes in pomegranate bacterial blight interaction**"

**2.2 Details of the Investigators:**

**Dr. Ginny Antony**

Assistant Professor  
Department of Plant Science  
Central University Kerala  
#301 Godavari Department of  
Plant Science, School of

**CO-PI:**

**Dr. Tony Grace**

Assistant Professor  
Genomic Science  
Central University Kerala  
Tejaswini Hills, Periya  
Kasargod, Kasaragod - 671316, Kerala

**2.3 Objectives:**

1. To clone and characterize the TAL genes encoded in Xap genome
2. To determine the contribution of each TAL gene in the virulence of Xap
3. To determine the role of Xap induced pomegranate genes ( PG585, PG 667 and PG 992) in BLB susceptibility

**2.4 Time Schedule:**

The duration of the project is 3 Year 0 Month from the date of this sanction order.

**2.5 Project Cost:**

The total cost of the project is Rs. **6322600/-**(Rupees Sixty Three Lakhs Twenty Two Thousand Six Hundred Only) as per details given below :

| <b>Budget Head</b> | <b>Year I</b>     | <b>Year II</b>    | <b>Year III</b>   | <b>Total(Rs.)</b> |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| Equipment          | 2695000.00        |                   |                   | <b>2695000.00</b> |
| Manpower           | 259200.00         | 259200.00         | 259200.00         | <b>777600.00</b>  |
| Overhead           | 50000.00          | 50000.00          | 50000.00          | <b>150000.00</b>  |
| Travel             | 50000.00          | 50000.00          | 50000.00          | <b>150000.00</b>  |
| Consumables        | 900000.00         | 900000.00         | 600000.00         | <b>2400000.00</b> |
| Contingency        | 50000.00          | 50000.00          | 50000.00          | <b>150000.00</b>  |
| <b>Total (Rs.)</b> | <b>4004200.00</b> | <b>1309200.00</b> | <b>1009200.00</b> | <b>6322600.00</b> |

### 2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

### 2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

### 3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

| <b>Demand No. 89</b>        | <b>Department of Biotechnology</b>                 |
|-----------------------------|--|
| <b>3425</b>                 | Other Scientific Research 2021-2022                |
| <b>3425.60</b>              | Others (Sub Major Head)                            |
| <b>3425.60.200</b>          | Assistance to other Scientific Bodies (Minor Head) |
| <b>3425.60.200.29</b>       | Biotechnology Research and Development             |
| <b>3425.60.200.29.17</b>    | Assistance to Research and Development             |
| <b>3425.60.200.29.17.35</b> | Grants for creation of capital assets              |

The **Recurring** expenditure involved is debitable to:

| <b>Demand No. 89</b>        | <b>Department of Biotechnology</b>                 |
|-----------------------------|--|
| <b>3425</b>                 | Other Scientific Research 2021-2022                |
| <b>3425.60</b>              | Others (Sub Major Head)                            |
| <b>3425.60.200</b>          | Assistance to other Scientific Bodies (Minor Head) |
| <b>3425.60.200.29</b>       | Biotechnology Research and Development             |
| <b>3425.60.200.29.17</b>    | Assistance to Research and Development             |
| <b>3425.60.200.29.17.31</b> | Grants -in-Aid General                             |

### 4. Terms & Conditions:

**4.1** The other terms and conditions governing this sanction are attached at Annexure- III.

**4.2A** Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV



**4.3** 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 Utilisation Certificate and Statement of Expenditure. The interest earned should be remitted to the Consolidated fund of India through Bharat Kosh portal (www.bharatkosh.gov.in) as per GFR-2017-230 (8) after finalization of the

**Annexure -I**

Details of the Equipment sanctioned for the implementation of the project entitled "Functional Analysis of putative S genes in pomegranate bacterial blight interaction".

| S.No.        | Name of Equipment  | No. | Cost(Rs.)         |
|--------------|--|-----|-------------------|
| 1            | Registration of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time. | 1   | 250000.00         |
| 2            | Ge. Documentation system   | 1   | 675000.00         |
| <b>Total</b> |  |     | <b>2695000.00</b> |

**7.** PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-05/2019 dated on 30 Jan 2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET

**(Dr. Vamsi Krishna)  
Scientist 'E'**

**8.** As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions 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 Institution or Organisation is called upon to do so.

**9.** If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

**10.(I)** "The PIs/Implementing Agencies shall strictly adhere to the GoI instructions issued vide OM No.F.4.1.2021-PPD dated 30.6.2021 in the matter of issue of Global tender Enquiry with special reference to instructions contained under para 4 of the said OM for procurement of equipments, spares and consumables for research purposes and shall not issue Global Tenders Enquiries before seeking the approval of the competent authority".

(II) "After incurring the expenditure on import of such items and at the time of submission of UCs to the department next year, the PIs will also furnish the copy of the approval sought from the competent authority for issue of the GTE for such items of import. The release of next installment of grant will be subject to the fulfillment of the above condition."

**11.** This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/785/2021-2022** dated **August, 13 2021**.

**12.** This sanction order has been noted at serial no. \_\_\_\_\_ in the Register of Grants.

**(Dr. Vamsi Krishna)  
Scientist 'E'**

**To,**  
The Pay & Accounts Officer,  
Department of Biotechnology,  
New Delhi – 110 003.

**Copy to:**

**Annexure -II**

1. The Principal Director of Audit (Scientific Departments), DACB Building, New Delhi-110 002  
 Details of the manpower sanctioned for the implementation of the project entitled **Functional Analysis of putative S genes in pomegranate bacterial blight interaction":**

2. The Registrar, Central University Kerala, Padannakkad, Nileswar, Kasaragod, Kerala,  
 Kasaragod - 671123, Kerala

| Head   | No. of Position | Year I        | Year II       | Year III      | Total (Rs.)   |
|--|-----------------|---------------|---------------|---------------|---------------|
| 3. Dr. Ginny Antony, Assistant Professor, Department of Plant Science, Central University Kerala, #301 Godavari Department of Plant Science, School of Biological Sciences | 1               | 259200        | 259200        | 259200        | 777600        |
| <b>Total</b>   | <b>1</b>        | <b>259200</b> | <b>259200</b> | <b>259200</b> | <b>777600</b> |

Project Assistant Rs. 20,000

4. Dr. Tony Grace, Assistant Professor, Genomic Science, Central University Kerala, Tejaswini Hills, Periya Kasargod, Kasaragod - 671316, Kerala

- 5. Cash Section, DBT (2 copies)
- 6. Sanction Folder.
- 7. File Copy.

**(Dr. Vamsi Krishna)**  
**Scientist 'E'**  
**(Dr. Vamsi Krishna)**  
**Scientist 'E'**



FILE NO. CRG/2019/004476  
**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: 02-Mar-2020

**ORDER**

Subject: Financial Sanction of the research project titled "**Understanding the role of unique miRNA mediated signaling circuits recruited differentially during endothelial mesenchymal transition associated with fibrosis and angiogenesis**" under the guidance of Dr. Sameer V.B. Kumar, Biochemistry & Molecular Biology, Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123 and by Dr. Tony Grace, Assistant Professor, Department Of Genomic Science, Central University Of Kerala - 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. 6398120/- (Rs. Sixty Three Lakh Ninety Eight Thousand One Hundred and Twenty Only)** with break-up of **Rs. 1500000/- under Capital (Non-recurring) head** and **Rs. 4898120/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 6398120/-** has been approved are given below:

| S. No     | Head   | Total (in Rs.)              |
|-----------|--|-----------------------------|
| <b>A</b>  | <b>Non-recurring</b>   |                             |
| 1         | Equipment<br>-> nanodrop<br>-> Real Time PCR   | 1500000                     |
| <b>A'</b> | <b>Total (Non-Recurring)</b>   | <b>1500000</b>              |
| <b>B</b>  | <b>Recurring Items</b>   |                             |
| 1         | Recurring - I : (Manpower)<br>Recurring - II : ( Consumables, Travel, Contingencies, Other Cost)<br>Recurring - III : Scientific Social Responsibility | 1257120<br>3000000<br>60000 |
| 2         | Recurring - IV : (Overhead Charges)  | 581000                      |
| <b>B'</b> | <b>Total (Recurring)</b>   | <b>4898120</b>              |
| <b>C</b>  | <b>Total cost of the project (A' + B')</b>   | <b>6398120</b>              |

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1500000/-** (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 1672706/-** (Rupees Sixteen Lakh Seventy Two Thousand Seven Hundred and Six only) under 'Grants-in-aid General' to **Registrar, Central University Of Kerala, Tejaswini Hills, Periyar (PO), Kasaragod (DT), Kerala** being the first installment of the grant for the year 2019-2020 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. (Biomedical and Health Sciences)**

4. The Sanction has been issued to Central University Of Kerala, Tejaswini Hills, Periyar (PO), Kasaragod (DT), Kerala with the approval of the competent authority under delegated powers on **28 February, 2020** and vide Diary No. **SERB/F/10627/2019-2020** dated **28 February, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. 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.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 3172706/-** (Rupees Thirty One Lakh Seventy Two Thousand Seven Hundred and Six only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:



|                        |   |
|------------------------|---|
| PFMS Unique Code       | CUKERALA  |
| Account Name           | CENTRAL UNIVERSITY OF KERALA  |
| Account Number         | 42042200069750  |
| Bank Name & Branch     | SYNDICATE BANK PERIYE Branch Building No 100 Opposite Govt Polytechnic College Periy<br>Kasaragod Kerala 671316 |
| IFSC/RTGS Code         | SYNB0004704   |
| Email id of A/C Holder | financeofficer@cukerala.ac.in   |
| Email id of PI         | skumarvb@cukerala.ac.in   |

12. 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.

13. 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.

14. The project File no. CRG/2019/004476 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

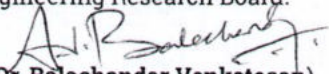
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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

17. 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.

18. 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.

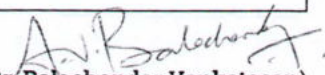
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

  
(Dr. Balachandar Venkatesan)  
Scientist E  
ms\_hs@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

|    |   |
|----|---|
| 1. | The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002   |
| 2. | Sanction Folder, SERB, New Delhi.   |
| 3. | File Copy   |
| 4. | <b>Dr. Sameer V.B. Kumar</b><br><b>Biochemistry &amp; Molecular Biology</b><br>Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123<br>Email: skumarvb@cukerala.ac.in<br>Mobile: 919447697893<br><br><b>Dr. Tony Grace</b><br>Department Of Genomic Science<br>Central University Of Kerala<br>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .) |
| 5. | Registrar,<br>Central University Of Kerala, Tejaswini Hills, Periy (PO), Kasaragod (DT), Kerala<br><br>(Receipt of Grant may be intimated by name to the undersigned)   |

  
(Dr. Balachandar Venkatesan)  
Scientist E  
ms\_hs@serbonline.in





# Kerala State Council for Science, Technology and Environment

Dr. Anilkumar C  
Principal Scientist & Head  
Science Education Division, KSCSTE

07/01/2019

121 /SPS63/2018/KSCSTE

Dear Dr.Tony Grace,

Sub:-Financial assistance for Student Project scheme of KSCSTE reg.  
Ref:-Your application received under Student Project scheme

This is to invite your attention to the reference cited and to inform that the project proposal titled "Biodiversity of Butterflies and their habitats in endosulphan affected areas of Kasaragod district" submitted by Dr.Tony Grace as PI and Mr.Raghavendran K N as student investigator has been approved. An amount of ₹8000/- is sanctioned by the Council. The budget estimate of the project is detailed below.

| SL.NO. | ITEMS                               | AMOUNT(₹) |
|--------|-------------------------------------|-----------|
| 1.     | Consumables                         | 6000      |
| 2.     | Travel                              | 2000      |
| 3.     | Research Literature & Documentation |           |
| 4.     | Others (for analysis)               |           |
|        | Total                               | 8000      |

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

Thanking you,

Yours sincerely,



Anilkumar C

To

Dr.Tony Grace, Assistant Professor, Department of Genomic Science, Central University of Kerala,  
Periye, Kasaragod-671316

Copy to:

The Dean, Central University of Kerala, Periye, Kasaragod-671316

Mr.Raghavendran K N, student, Central University of Kerala, Periye, Kasaragod-671316





# Kerala State Council for Science, Technology and Environment

Dr. Anilkumar C  
Principal Scientist & Head  
Science Education Division

16.02.2017

21/SPS 60/2016/KSCSTE

Dear Dr. Tony Grace,

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

This is to invite your attention to the reference cited and to inform that the project proposal titled '**Identification and Tissue specific expression of avian beta defensin genes(AvBD)in Cervus Splendens**' submitted by Dr. Tony Grace PI and Ms. Revathy, Arya Suresh S as student investigator(s) has been approved. An amount of **Rs.8000/-** is sanctioned by the Council. The budget estimate of the project will be as detailed below.

| SL.NO. | ITEMS                               | AMOUNT(Rs.) |
|--------|-------------------------------------|-------------|
| 1.     | Consumables                         | 7000        |
| 2.     | Travel                              |             |
| 3.     | Research Literature & Documentation |             |
| 4.     | Others ( for analysis )             | 1000        |
|        | <b>Total</b>                        | <b>8000</b> |

The PI has to submit the signed 'Terms and Conditions' and the date of start of the project may be intimated to the Council. On completion of the project you should submit one hard copy and a soft copy of the final report (in pdf to [spkscste@gmail.com](mailto:spkscste@gmail.com)), audited Statement of Expenditure and Utilization Certificate counter signed by the Head of the Institution for releasing the grant. The format for final report, SE & UC can be downloaded from [www.kscste.kerala.gov.in](http://www.kscste.kerala.gov.in).

Thanking you,

Yours sincerely,

  
Anilkumar C

To,

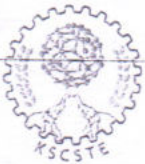
Dr. Tony Grace, Assistant Professor, Department of Genomic Science, Central University of Kerala,  
School of biological Science Padannakad, Kasaragod-671314

Copy to:

The Dean, Central University of Kerala, School of biological Science Padannakad,  
Kasaragod-671314

Ms. Revathy Arya Suresh S Student(s), Department of Genomic Science, Central University of  
Kerala, School of biological Science Padannakad, Kasaragod-671314





Kerala State Council for Science, Technology and Environment  
KERALA BIOTECHNOLOGY COMMISSION



No.015/YIPB/KBC/2013/CSTE

28.05.2015

Sub: Replacement of Project Investigator-Reg.

Ref: Letter No. CUK/ACA/209/2013/A-4177 dated 9<sup>th</sup> March 2015

This is to inform you that, as per the request of Dr. Rajendra Pilankatta, permission is granted to appoint Dr. Tony Grace as Co-Project Investigator for the YIPB project entitled "Seroprevalence of adenovirus sterotype 5 and its implication in adenovirus vector based gene delivery". Dr. Tony Grace, may be acted as the Project Investigator for the above project till Dr. Rajendra Pilankatta returns after his study ~~centre~~ <sup>leave the</sup> from USA, ie 18.12.2014.

Yours sincerely

Dr. C. Arunan

Programme Officer (i/c)

Kerala Biotechnology Commission

FILE NO. EMR/2015/000937  
**SCIENCE & ENGINEERING RESEARCH BOARD**

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

Dated: 23-Sep-2016

**ORDER**

Subject: Financial Sanction of the research project titled "**Genetic characterization and phylogeography of Indian bison**" under the guidance of Dr. Nagarajan M, Genomic Science, Central University of Kerala, Bkm Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod, Kasaragod, Kerala-671123 - 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. 5655200/- (Rs. Fifty Six Lakh Fifty Five Thousand Two Hundred Only)** with break-up of **Rs. 1392000/- under Capital (Non-recurring) head** and **Rs. 4263200/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 5655200/-** has been approved are given below:

The following budget may be considered for **Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod**

| S. No    | Head   | Total (in Rs.) |
|----------|--|----------------|
| <b>A</b> | <b>Non-recurring</b>   |                |
| 1        | Equipment<br>-> NanoDrop-Spectrophotometer<br>-> -20 Deep Freezer<br>-> Thermal Cycler (Gradient)<br>-> Computer and data analysis softwares | 1392000        |
| A'       | Total (Non-Recurring)  | 1392000        |
| <b>B</b> | <b>Recurring Items</b>   |                |
| 1        | Recurring - A : ( Manpower, Consumables, Travel, Contingencies)  | 3749200        |
| 2        | Recurring - B : (Overhead Charges)   | 514000         |
| B'       | Total (Recurring)  | 4263200        |
| <b>C</b> | <b>Total cost of the project (A' + B')</b>   | <b>5655200</b> |

2. Sanction of the **SERB** is also accorded to the payment of

**Rs. 1392000/-** (Rupees Thirteen Lakh Ninety Two Thousand only) under 'Grants for creation of capital assets' and **Rs. 1420000/-** (Rupees Fourteen Lakh Twenty Thousand only) under 'Grants-in-aid General' to **Registrar, Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod**

being the first installment of the grant for the year 2016-2017 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 Extra Mural Research Funding (Individual Centric). (PAC Animal Sciences)**

4. The Sanction has been issued to Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod with the approval of the competent authority under delegated powers on **22 September, 2016** and vide Diary No. **SERB/F/4396/2016-17** dated **22 September, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. 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.

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

10. The release amount of **Rs. 2812000/-** (Rupees Twenty Eight Lakh Twelve Thousand only) will be drawn by the Finance & Budget Officer of the

SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

|                               |   |
|-------------------------------|---|
| <b>Account Name</b>           | <b>Central University of Kerala</b>                                     |
| <b>Account Number</b>         | <b>0711101068500</b>  |
| <b>Bank Name &amp; Branch</b> | <b>Canara Bank Premier MailPeriye Bus StopPeriye POKasaragod Kerala</b> |
| <b>IFSC/RTGS Code</b>         | <b>CNRB0004111</b>  |
| <b>Email id of A/C Holder</b> | <b>registrar@cukerala.ac.in</b>   |
| <b>Email id of PI</b>         | <b>nagarajan@cukerala.ac.in</b>   |

11. The institute will furnish to the SERB, New Delhi, 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. EMR/2015/000937 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 favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. Doyil T Vengayil)  
Scientist E  
ms\_as@serbonline.in

To,

**Finance & Budget Officer**  
**SERB, New Delhi**

**Copy forwarded for information and necessary action to: -**

|    |   |
|----|---|
| 1. | The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002  |
| 2. | Sanction Folder, SERB , New Delhi.  |
| 3. | File Copy   |
| 4. | <b>Dr. Nagarajan M</b><br><b>Genomic Science</b><br><b>Central University of Kerala , Bkm Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod, Kasaragod, Kerala-671123</b><br><b>Email: nagarajan@cukerala.ac.in</b><br><b>Mobile: 918547903805</b><br>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .) |
| 5. | <b>Registrar,</b><br><b>Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod</b><br><br>(Receipt of Grant may be intimated by name to the undersigned)  |

(Dr. Doyil T Vengayil)  
Scientist E  
ms\_as@serbonline.in



FILE NO. EEQ/2016/000390

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(a statutory body of the Department of Science &amp; 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: 09-Feb-2017

**ORDER**

Subject: Financial Sanction of the research project titled "**Identification of miRNAs associated with egg production in duck**" under the guidance of Dr. Nagarajan M, Genomic Science, Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123 - 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. 4808000/- (Rs. Forty Eight Lakh Eight Thousand Only)** with break-up of **Rs. 300000/- under Capital (Non-recurring) head** and **Rs.4508000/- under General (Recurring) head** for a duration of Four years. The items of expenditure for which the total allocation of **Rs. 4808000/-** has been approved are given below:

The following budget may be considered for **Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod**

| S. No     | Head  | Total (in Rs.) |
|-----------|---|----------------|
| <b>A</b>  | <b>Non-recurring</b>  |                |
| 1         | Equipment<br>-> Hot Air oven<br>-> Autoclave<br>-> Water bath   | 300000         |
| <i>A'</i> | <i>Total (Non-Recurring)</i>                                    | <b>300000</b>  |
| <b>B</b>  | <b>Recurring Items</b>  |                |
| 1         | Recurring - A : ( Manpower, Consumables, Travel, Contingencies) | 4072000        |
| 2         | Recurring - B : (Overhead Charges)                              | 436000         |
| <i>B'</i> | <i>Total (Recurring)</i>  | <b>4508000</b> |
| <b>C</b>  | <b>Total cost of the project (A' + B')</b>                      | <b>4808000</b> |

2. Sanction of the **SERB** is also accorded to the payment of

**Rs. 300000/-** (Rupees Three Lakh only) under 'Grants for creation of capital assets' and **Rs. 1130000/-** (Rupees Eleven Lakh Thirty Thousand only) under 'Grants-in-aid General' to **Registrar, Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod**

being the first installment of the grant for the year 2016-2017 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 Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)**
4. The Sanction has been issued to Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod with the approval of the competent authority under delegated powers on **06 February, 2017** and vide Diary No. **SERB/F/8092/2016-17** dated **09 February, 2017**
5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
8. 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.
9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
10. The release amount of **Rs. 1430000/-** (Rupees Fourteen Lakh Thirty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

|                               |   |
|-------------------------------|---|
| <b>Account Name</b>           | <b>Central University of Kerala</b>   |
| <b>Account Number</b>         | <b>0711101068500</b>  |
| <b>Bank Name &amp; Branch</b> | <b>Canara Bank Periy, Premier Mall, Periy Bus Stop, Periy PO, Kasaragod, Kerala</b> |
| <b>IFSC/RTGS Code</b>         | <b>CNRB0004111</b>  |
| <b>Email id of A/C Holder</b> | <b>registrar@cukerala.ac.in</b>   |
| <b>Email id of PI</b>         | <b>nagarajan@cukerala.ac.in</b>   |

11. The institute will furnish to the SERB, New Delhi, 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. EEQ/2016/000390 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 favoring "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, 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.

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, a statutory body of Department of Science & Technology (DST), Government of India.

**(Dr. Pramod Kumar Prasad)**

Scientist C

pk.prasad@serb.gov.in

To,

**Finance & Budget Officer**

**SERB, New Delhi**

**Copy forwarded for information and necessary action to: -**

|    |   |
|----|---|
| 1. | The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002  |
| 2. | Sanction Folder, SERB , New Delhi.  |
| 3. | File Copy   |
| 4. | <p><b>Dr. Nagarajan M</b><br/> <b>Genomic Science</b><br/> <b>Central University of Kerala , Bkm towers, nayanmar moola vidyanagar p.o. kasaragod,</b><br/> <b>Kasaragod, Kerala-671123</b><br/> <b>Email: nagarajan@cukerala.ac.in</b><br/> <b>Mobile: 918547903805</b></p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p> |
| 5. | <p><b>Registrar,</b><br/> <b>Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>   |

**(Dr. Pramod Kumar Prasad)**

Scientist C

pk.prasad@serb.gov.in



**No. BT/PR14584/AAQ/1/647/2015**  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003

Dated: 13.02.2017

**ORDER**

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled "**Transcriptome analysis and identification of genes associated with egg production in duck**" for a period of 3 Year 0 Month at a total cost of Rs. **7139631** (Rupees Seventy One Lakhs Thirty Nine Thousand Six Hundred and Thirty One Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title : Transcriptome analysis and identification of genes associated with egg production in duck**

**2.2 Details of the Investigators:**

**Dr. Nagarajan M**

Assistant Professor,  
Department of Genomic Science,  
Central University of Kerala, Padanakad (PO),  
Kasaragod – 671314 ,Kerala,

**CO-PI:**

**Dr. Gopalakrishnan A,**

Director,  
Central Marine Fisheries Research Institute,  
P.B.No. 1603, Ernakulam North PO,  
Kerala, Ernakulam or Kochi - 682018, Kerala

**2.3 Objectives:**

1. To study the ovarian transcriptome variability in low and high egg layers of Chara duck
2. To study the ovarian transcriptome variability in low and high egg layers of Chemballi duck
3. To study the ovarian transcriptome variability in low and high egg layers of Pati duck
4. To identify the genes that are associated with high rate of egg production in duck.

**2.4 Time Schedule:**

The duration of the project is 3 Year 0 Month from the date of this sanction order.

## 2.5 Project Cost:

The total cost of the project is Rs. **7139631/-** (Rupees Seventy One Lakhs Thirty Nine Thousand Six Hundred and Thirty One Only) as per details given below:

| Budget Head        | Year I            | Year II           | Year III          | Total (Rs.)       |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| Equipment          | 1825031.00        |                   |                   | <b>1825031.00</b> |
| Manpower           | 450000.00         | 450000.00         | 489600.00         | <b>1389600.00</b> |
| Overhead           | 50000.00          | 50000.00          | 50000.00          | <b>150000.00</b>  |
| Travel             | 75000.00          | 50000.00          | 50000.00          | <b>175000.00</b>  |
| Consumables        | 1700000.00        | 1100000.00        | 500000.00         | <b>3300000.00</b> |
| Contingency        | 100000.00         | 100000.00         | 100000.00         | <b>300000.00</b>  |
| <b>Total (Rs.)</b> | <b>4200031.00</b> | <b>1750000.00</b> | <b>1189600.00</b> | <b>7139631.00</b> |

## 2.6 Equipment

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

## 2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

## 3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

| Demand No. 79               | Department of Biotechnology                        |
|-----------------------------|--|
| <b>3425</b>                 | Other Scientific Research 2016-2017                |
| <b>3425.60</b>              | Others (Sub Major Head)                            |
| <b>3425.60.200</b>          | Assistance to other Scientific Bodies (Minor Head) |
| <b>3425.60.200.29</b>       | Biotechnology Research and Development             |
| <b>3425.60.200.29.17</b>    | Assistance for Research and Development            |
| <b>3425.60.200.29.17.35</b> | Grants for creation of capital assets              |

The **Recurring** expenditure involved is debitable to:

| Demand No. 79               | Department of Biotechnology                        |
|-----------------------------|--|
| <b>3425</b>                 | Other Scientific Research 2016-2017                |
| <b>3425.60</b>              | Others (Sub Major Head)                            |
| <b>3425.60.200</b>          | Assistance to other Scientific Bodies (Minor Head) |
| <b>3425.60.200.29</b>       | Biotechnology Research and Development             |
| <b>3425.60.200.29.17</b>    | Assistance for Research and Development            |
| <b>3425.60.200.29.17.31</b> | Grants-in-aid General                              |

#### **4. Terms & Conditions:**

- 4.1**The other terms and conditions governing this sanction are attached at Annexure- III.
- 4.2A** Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release. A format of the MoA is enclosed in Annexure-IV
- 4.3**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 Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.
- 5.** No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
- 6.** The Registrar, Central University Kerala, Kasaragod, Kerala would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
- 7.** PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
- 8.** The accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.
- 9.** This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/3749/2016-17** dated **08.02.2017**.
- 10.**This sanction order has been noted at serial no. **40** in the Register of Grants.

**Dr. Arun Kumar Rawat  
(Scientist 'F')**

**To,**

The Pay & Accounts Officer,  
Department of Biotechnology,  
New Delhi – 110 003.

#### **Copy to:**

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 The Registrar, Central University Kerala, Padannakkad, Nileswar, Kasaragod - 671123, Kerala.
- 3 The Director, Central Marine Fisheries Research Institute, P.B.No. 1603, Ernakulam North (PO), Kochi - 682018, Kerala
- 4 Dr. Nagarajan M, Assistant Professor, Department of Genomic Science, Central University of Kerala, Padanakad (PO), Kasaragod - 671314, Kerala
- 5 Cash Section, DBT (2 copies).
- 6 Sanction Folder.
- 7 File Copy.

**Dr. Arun Kumar Rawat  
(Scientist 'F')**



**Annexure -I**

Details of the Equipment sanctioned for the implementation of the project titled "**Transcriptome analysis and identification of genes associated with egg production in duck**":

| <b>Central University Kerala</b> |  |            |                   |
|----------------------------------|--|------------|-------------------|
| <b>S.No.</b>                     | <b>Name of Equipment</b>   | <b>No.</b> | <b>Cost(Rs.)</b>  |
| 1.                               | Bioinformatics workstation<br>(Computer, softwares, accessories) | 1          | 981231.00         |
| 2.                               | Biosafety cabinet  | 1          | 380000.00         |
| 3.                               | Blast2GO (Software)  | 1          | 163800.00         |
| 4.                               | Duck cages and accessories                                       | 1          | 300000.00         |
| <b>Total</b>                     |  |            | <b>1825031.00</b> |

**Dr. Arun Kumar Rawat  
(Scientist 'F')**

**Annexure -II**

Details of the manpower sanctioned for the implementation of the project titled "**Transcriptome analysis and identification of genes associated with egg production in duck**":

| <b>Head</b>  | <b>No. of Position</b> | <b>Year I</b>    | <b>Year II</b>   | <b>Year III</b>  | <b>Total (Rs.)</b> |
|--|------------------------|------------------|------------------|------------------|--------------------|
| Attendant (1) @ 10,000/- pm (consolidated as per institutional norms)  | 1                      | 120000.00        | 120000.00        | 120000.00        | <b>360000.00</b>   |
| JRF/SRF (1) @ Rs. 25000/- + 10% HRA pm for 1st and 2nd years and 28000/- + 10% HRA for 3rd year (to be appointed as per the DST guidelines OM No. SR/S9/Z-09/2012 dated Oct 21, 2014.) | 1                      | 330000.00        | 330000.00        | 369600.00        | <b>1029600.00</b>  |
| <b>Total (Rs.)</b>   |                        | <b>450000.00</b> | <b>450000.00</b> | <b>489600.00</b> | <b>1389600.00</b>  |

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No.SR/S9/Z-09/2012 dated 21.10.2014.

**Dr. Arun Kumar Rawat**  
**(Scientist 'F')**

FILE NO. ECR/2017/001216  
**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: 11-Oct-2019

**ORDER**

Subject: Research project entitled "**Deciphering the role of WNT, FGF and NOTCH signalling in the formation of musculoskeletal progenitors from human Pluripotent Stem Cells and in vitro production of Skeletal muscles**" under the guidance of Dr. Smita Sudheer, Genomic Science, Central University of Kerala, Bkm towers, nayanmar moola vidyanagar p.o. kasaragod, Kasaragod, Kerala-671123.

1. This is in continuation of SERB's sanction order No. "ECR/2017/001216" dated "18 July, 2018 " of **Science and Engineering Research Board (SERB)**.

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 850000/-** (Rupees Eight Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Registrar, Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod** being the 2nd grant for the financial year 2019-2020 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. 1341910/-** (Rupees Thirteen Lakh Forty One Thousand Nine Hundred and Ten only) (Recurring Rs. 55299 and Non-Recurring Rs. 1286611 ) to Central University of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod from FY 2018-2019 to FY 2019-2020 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](http://www.serb.gov.in)).

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 debit to **Fund for Science & Engineering Research (FSER)** **This release is being made under Early Career Research Award. (EC Life Sciences) (OBC)**.

7. The Sanction has been issued to Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O. Kasaragod with the approval of the competent authority under delegated powers on **04 October, 2019** and vide Diary No. **SERB/F/5318/2019-2020** dated **05 October, 2019**

8. The release amount of **Rs. 850000/-** (Rupees Eight Lakh Fifty Thousand only) (Recurring Rs. 850000 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:

|                               |  |
|-------------------------------|--|
| <b>PFMS Unique Code</b>       | <b>CUKERALA</b>  |
| <b>Account Name</b>           | <b>Central University of Kerala SP027</b>  |
| <b>Account Number</b>         | <b>47042010000778</b>  |
| <b>Bank Name &amp; Branch</b> | <b>Syndicate Bank Syndicate Bank, Periya Branch, Kasaragod District, Kerala-671316</b> |
| <b>IFSC/RTGS Code</b>         | <b>SYNB0004704</b>   |
| <b>Email id of A/C Holder</b> | <b>registrar@cukerala.ac.in</b>  |
| <b>Email id of PI</b>         | <b>smitasudheer@cukerala.ac.in</b>   |

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. Thangaradjou T)  
Scientist E  
msls@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

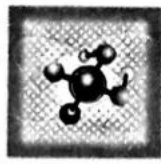
**Copy forwarded for information and necessary action to: -**

|    |   |
|----|---|
| 1. | The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002  |
| 2. | Sanction Folder, SERB , New Delhi.  |
| 3. | File Copy   |
| 4. | <b>Dr. Smita Sudheer</b><br>Genomic Science<br>Central University of Kerala , Bkm towers, nayanmar moola vidyanagar p.o.<br>kasaragod, Kasaragod, Kerala-671123<br>Email: smitasudheer@cukerala.ac.in<br>Mobile: 919207397508 |
| 5. | Registrar,<br>Central University Of Kerala, BKM Towers, Nayanmar Moola Vidyanagar P.O.<br>Kasaragod   |

  
(Dr. Thangaradjou T)  
Scientist E  
msls@serb.gov.in



सत्यमेव जयते



MINISTRY OF  
SCIENCE & TECHNOLOGY

भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
बायोटेक्नोलॉजी विभाग  
ब्लॉक-2,7 वां तल, सी० जी० ओ० कम्पलेक्स  
लोदी रोड, नई दिल्ली-110003  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY  
Block-2, 7th Floor C.G.O. Complex  
Lodi Road, New Delhi-110003  
Dated: 26.03.2019

BT/PR29717/PFN/20/1361/2018

Dear Dr. Smita Sudheer,

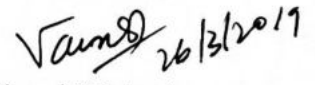
Your project entitled "Influence of Vitamin D on early cell-fate decisions of human Pluripotent Stem Cells", submitted to DBT has been approved for a period of 3 years at a total cost of Rs. 45.01 lakhs with the first year release of Rs. 16.46 lakhs under NR head and Rs. 9.85 lakhs under Recurring head. In this regard, the Admin Order and the Non-recurring & Recurring release orders are enclosed. The start date of the project is 18/3/2019. The receipt of this grant be acknowledged. The soft copies of MoA and terms and conditions are enclosed. Please note that every page of MoA and terms and conditions are to be signed. The desired documents should reach us within 15 days time.

2. Please provide the MOA along with terms and conditions as per the enclosed formats.

3. The following also be noted for compliance: "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 Utilisation 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 instalment of the grant and /or at the time of Final Settlement of Accounts". (O.M. No.2011/IFD/Dir (F)Misc./18 enclosed along with this letter). As per the para no 4.3 of the admin order, the grants received from DBT is to be kept in a bank account earning interest and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure in order to avoid delay in the release of the second year grants

With regards,

Yours sincerely

  
(Vamsi Krishna)

Sc-IE

To,

Dr. Smita Sudheer,  
Assistant Professor,  
Central University Kerala,  
Kerala, 671316





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 Setting the tempo since '68

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**INDIAN COUNCIL OF MEDICAL RESEARCH**

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029  
 V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 2019-3008/SCR/ADHOC-BMS`

Date: 27.8.2019

To,

The Registrar, Central University  
 of Kerala Tejaswini Hills, Periya,  
 Kasaragod, Kerala 671316

Subject:- Sanction of budget allotment for the new Research proposal entitled "Understanding the potential of human Pluripotent Stem Cells to differentiate into extraembryonic placental lineage and deciphering the crucial role of"

Sir/ Madam,

The Director General of the Council sanctions the above mentioned research scheme initially for the period of one year from 21.08.2019 subject to extension up to the total duration specified in para 4 below:-


1. The Director General of the Council also sanctions the budget allotment of Rs. **20,66,848/-** as detailed in the attached statement for the period from **21.08.2019 to 20.08.2020**. The grant-in-aid will be given subject to the following conditions.
2. The payment of the grant will be made in lump-sum to the Head of the Institute. The first installment of the grant will be paid generally as soon as report regarding appointment of the staff is received by the Council. The Staff appointed on the project should be paid as indicated in the budget statement.
3. The staff on the project will be recruited as per the rules and procedure of the host institute and second part of the undertaking be obtained from the employees of the project. The staff grant will not be released unless the required undertaking [part-II] from Head of the Institute is received in this office.
4. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed proforma. The approved duration of the scheme is **three years**. The annual extension will be given after review of the work done on the scheme during the previous year.
5. Five copies of the annual progress report in the attached prescribed proforma should be submitted to the Council every year after completion of ten months of the project giving complete actual details of the research work done. Failure to submit the report in time may lead to termination of project.
6. Subject to the condition that the grant will be utilize after following the provisions laid down in the GFRs-2017 & TA Rules. Please keep the fund in a separate Saving Bank Account opened for ICMR funded Research Projects so that interest earned thereon is credited in to this account.

The receipt of this letter may please be acknowledged.

Yours faithfully,

(G.S. Sandhu)  
 Administrative Officer  
 For Director General

1. Copy together with a copy of the budget statement forwarded to Accounts. V for information.
2. Copy together with the budget forwarded to Budget Section [Finance Section] for compilation of the Council Budget
3. **DR. SMITA SUDHEER, Assistant Professor, Central University of Kerala Tejaswini Hills, Periya, Kasaragod, Kerala 671316**
4. IRIS Cell No. 2019-3008

  
 Administrative Officer  
 For Director General



Tel: 26588204-26588662-26589620

तार / GRAM : विज्ञानी / SCIENTIFIC  
Web-site : www.icmr.nic.in  
E-mail : icmrhqds@sansrd.nic.in



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**INDIAN COUNCIL OF MEDICAL RESEARCH**

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029  
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

F. No. 2019-3008/SCR/ADHOC-BMS`

Date: 22.8.2019

Subject:- Payment of 1<sup>st</sup>&2<sup>nd</sup> installment of the 1<sup>st</sup> year grant-in-aid for the project entitled "Understanding the potential of human Pluripotent Stem Cells to differentiate into extraembryonic placental lineage and deciphering the crucial role of".

Memorandum

The Director General of the Council sanctions the payment of Rs. **20,66,848/- ( Rupees Twenty Lakh sixty six Thousand and Eight Hundred Forty Eight Only)** as the 1<sup>st</sup> & 2<sup>nd</sup> installment of the 1<sup>st</sup> year grant for the period from **21.8.2019 to 20.8.2020** for incurring expenditure in connection with the above-mentioned project.

The amount of Rs. **20,66,848/-** may be debited under the provision of made of on the above mentioned project for the year 2019-20.

A formal bill for Rs. **20,66,848/-** is sent herewith for payment by cheque/demand draft for Rs. **20,66,848/-** in favour of the Director, NIMHANS, Bangaluru. This issued with the concurrence of the Finance Divn, vide RFC No. BMS/Adhoc/35/2019-20 dated 20.8.2019

|                              |   |                        |
|------------------------------|---|------------------------|
| Staff (JRF-01)@31,000/- p.m. | = | Rs. 4,01,760/-         |
| + HRA 8% Rs. 2480/- p.m.     | = | Rs. 9,00,000/-         |
| Consumable                   | = | Rs. 7,00,000/-         |
| Equipment                    | = | Rs. 65,088/-           |
| Overhead charges 5%          | = |                        |
| <b>Total</b>                 | = | <b>Rs. 20,66,848/-</b> |

(G.S. Sandhu)  
Administrative Officer  
For Director General

Accounts V. ICMR

Copy to:-

1 The Registrar, Central University of Kerala, Tejaswini Hills, Periya, Kasaragod, Kerala 671316

The grant has been sanctioned on the conditions laid down in out letter referred to above.

2 DR. SMITA SUDHEER, Assistant Professor, Central University of Kerala Tejaswini Hills, Periya, Kasaragod, Kerala 671316

It is requested that an audited statement of account together with utilization certificate of the grant received and utilized in \_\_\_\_\_ may kindly be sent to this office in due course.

3. IRIS Cell No. 2019-3008

Administrative Officer  
For Director General

**BUDGET STATEMENT**

**(2019-20)**

Subject: Research project entitled, "Understanding the potential of human Pluripotent Stem Cells to differentiate into extraembryonic placental lineage and deciphering the crucial role of." under **DR. SMITA SUDHEER, Assistant Professor, Central University of Kerala**

**21.08.2019 To 20.08.2020)**

|                                       |   |                        |
|---------------------------------------|---|------------------------|
| Staff ( <b>JRF-01</b> )@31,000/- p.m. | = |                        |
| + HRA 8% Rs. 2480/- p.m.              | = | Rs. 4,01,760/-         |
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| <b>Total</b>                          | = | <b>Rs. 20,66,848/-</b> |

Total budget allotment of Rs. **20,66,848/-** [Rupees Twenty Lakh sixty six Thousand and Eight Hundred **Forty Eight Only**] RFC No. BMS/Adhoc/35/2019-20 dated 20.8.2019

F. No. **2019-3008/SCR/ADHOC-BMS**

  
(G.S. Sandhu)  
Administrative Officer





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**INDIAN COUNCIL OF MEDICAL RESEARCH**

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029  
 V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 2019-3008/SCR/ADHOC-BMS`

Date: 27.8.2019

To,

The Registrar, Central University  
 of Kerala Tejaswini Hills, Periya,  
 Kasaragod, Kerala 671316

Subject:- Sanction of budget allotment for the new Research proposal entitled "Understanding the potential of human Pluripotent Stem Cells to differentiate into extraembryonic placental lineage and deciphering the crucial role of"

Sir/ Madam,

The Director General of the Council sanctions the above mentioned research scheme initially for the period of one year from 21.08.2019 subject to extension up to the total duration specified in para 4 below:-


1. The Director General of the Council also sanctions the budget allotment of Rs. **20,66,848/-** as detailed in the attached statement for the period from **21.08.2019 to 20.08.2020**. The grant-in-aid will be given subject to the following conditions.
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4. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed proforma. The approved duration of the scheme is **three years**. The annual extension will be given after review of the work done on the scheme during the previous year.
5. Five copies of the annual progress report in the attached prescribed proforma should be submitted to the Council every year after completion of ten months of the project giving complete actual details of the research work done. Failure to submit the report in time may lead to termination of project.
6. Subject to the condition that the grant will be utilize after following the provisions laid down in the GFRs-2017 & TA Rules. Please keep the fund in a separate Saving Bank Account opened for ICMR funded Research Projects so that interest earned thereon is credited in to this account.

The receipt of this letter may please be acknowledged.

Yours faithfully,

(G.S. Sandhu)  
 Administrative Officer  
 For Director General

1. Copy together with a copy of the budget statement forwarded to Accounts. V for information.
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3. **DR. SMITA SUDHEER, Assistant Professor, Central University of Kerala Tejaswini Hills, Periya, Kasaragod, Kerala 671316**
4. IRIS Cell No. 2019-3008

  
 Administrative Officer  
 For Director General



Tel: 26588204-26588662-26589620

तार / GRAM : विज्ञानी / SCIENTIFIC  
Web-site : www.icmr.nic.in  
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वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029  
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

F. No. 2019-3008/SCR/ADHOC-BMS`

Date: 22.8.2019

Subject:- Payment of 1<sup>st</sup>&2<sup>nd</sup> installment of the 1<sup>st</sup> year grant-in-aid for the project entitled "Understanding the potential of human Pluripotent Stem Cells to differentiate into extraembryonic placental lineage and deciphering the crucial role of".

Memorandum

The Director General of the Council sanctions the payment of Rs. **20,66,848/- ( Rupees Twenty Lakh sixty six Thousand and Eight Hundred Forty Eight Only)** as the 1<sup>st</sup> & 2<sup>nd</sup> installment of the 1<sup>st</sup> year grant for the period from **21.8.2019 to 20.8.2020** for incurring expenditure in connection with the above-mentioned project.

The amount of Rs. **20,66,848/-** may be debited under the provision of made of on the above mentioned project for the year 2019-20.

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|                              |   |                        |
|------------------------------|---|------------------------|
| Staff (JRF-01)@31,000/- p.m. | = | Rs. 4,01,760/-         |
| + HRA 8% Rs. 2480/- p.m.     | = | Rs. 9,00,000/-         |
| Consumable                   | = | Rs. 7,00,000/-         |
| Equipment                    | = | Rs. 65,088/-           |
| Overhead charges 5%          | = |                        |
| <b>Total</b>                 | = | <b>Rs. 20,66,848/-</b> |

(G.S. Sandhu)  
Administrative Officer  
For Director General

Accounts V. ICMR

Copy to:-

1 The Registrar, Central University of Kerala, Tejaswini Hills, Periya, Kasaragod, Kerala 671316

The grant has been sanctioned on the conditions laid down in out letter referred to above.

2 DR. SMITA SUDHEER, Assistant Professor, Central University of Kerala Tejaswini Hills, Periya, Kasaragod, Kerala 671316

It is requested that an audited statement of account together with utilization certificate of the grant received and utilized in \_\_\_\_\_ may kindly be sent to this office in due course.

3. IRIS Cell No. 2019-3008

Administrative Officer  
For Director General

**BUDGET STATEMENT**

**(2019-20)**

Subject: Research project entitled, "Understanding the potential of human Pluripotent Stem Cells to differentiate into extraembryonic placental lineage and deciphering the crucial role of." under **DR. SMITA SUDHEER, Assistant Professor, Central University of Kerala**

**21.08.2019 To 20.08.2020)**

|                                       |   |                        |
|---------------------------------------|---|------------------------|
| Staff ( <b>JRF-01</b> )@31,000/- p.m. | = |                        |
| + HRA 8% Rs. 2480/- p.m.              | = | Rs. 4,01,760/-         |
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| Overhead charges 5%                   | = | Rs. 65,088/-           |
| <b>Total</b>                          | = | <b>Rs. 20,66,848/-</b> |

Total budget allotment of Rs. **20,66,848/-** [Rupees Twenty Lakh sixty six Thousand and Eight Hundred **Forty Eight Only**] RFC No. BMS/Adhoc/35/2019-20 dated 20.8.2019

F. No. **2019-3008/SCR/ADHOC-BMS**

  
(G.S. Sandhu)  
Administrative Officer



भारतीय सामाजिक विज्ञान अनुसंधान परिषद्

(मानव संसाधन विकास मंत्रालय)

पोस्ट बॉक्स - 10528, अरुना आसफ अली मार्ग,  
नई दिल्ली - 110 067

INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

(Ministry of Human Resource Development)

Post Box No. 10528, Aruna Asaf Ali Marg,  
New Delhi - 110 067

EPABX : 26741849-51 Fax : 91-11-26741836

E-mail : info@icssr.org Website : www.icssr.org



Revathy Vishwanath  
Assistant Director (RP)

SANCTION ORDER

F.No. 02/95/2017-18/RP /Major

Dated: 10-1-2018

The Registrar,  
Central University of Kerala,  
Tejaswini Hills,  
Periye, Kasargod,  
Kerala- 671316

Subject: Sanction of Major Research Project entitled "E-Governance and Socio-Economic Development in Kerala: A Study on Akshaya Project" to Dr. Ashalekshmi B.S

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. Ashalekshmi B.S, Dept. of Public Administration and Policy Studies, Central University of Kerala, Tejaswini Hills, Periye, Kasargod, Kerala Co-Project Directors of the study are: Nill.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs.8,00,000/- (Rupees Eight lakhs only) for the above research project and the grant will be released as follows:

|  |                       |
|--|-----------------------|
| First instalment                       | :Rs. 2,00,000/-       |
| Second instalment                      | :Rs. 2,00,000/-       |
| Third instalment                       | :Rs. 2,00,000/-       |
| Fourth Instalment                      | :Rs. 1,60,000/-       |
| Publication cost*                      | :Rs. 40,000/-         |
| <b>Total</b>                           | <b>:Rs.8,00,000/-</b> |
| Overhead charges @ 7.5% over and above | : Rs. 60,000/-**      |

\* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .  
\*\* will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.8,00,000/- is enclosed.)

4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).

*Revathy Vishwanath*



## RP Division ICSSR

Indian Council of Social Science Research

**Revathy Vishwanath**

**Deputy Director**

**RP Division Incharge**

Tel #011-26716690

E-mail: [rpicssr@gmail.com](mailto:rpicssr@gmail.com),

File No. 02/42/ST/20192020/MJ/RP

Dated: 13 December, 2019

(Ministry of Human Resource Development)

JNU Institutional Area, Aruna Asaf Ali Marg

New Delhi – 110067

Website: [www.icssr.org](http://www.icssr.org)

### Award Letter of Major Research Project

Dear **Dr. Gugulothu Srinu**

Please refer to your Interaction with Expert Committee regarding Major Research Project under the Research Project Scheme of the ICSSR. Although you have made presentation for Major Projects, the final selection is made on the basis of recommendations of the Expert Committee.

**Title:** Comparative study on socio-cultural subjugation and structural transformation of nomadic tribes in Telangana state in post globalised era - Special reference with Banjara community

**Budget Approved: Rs.700000**

**First Instalment:** 40% of the awarded grant, detailed Budget in break-up will be sent along with the sanction order of **Rs. 280000/-**.

The above has been approved by the Competent Authority on the recommendations of the Expert Committee. You are requested to commence the study immediately. You are required to give an undertaking on a non-judicial stamp paper of Rs. 100/- (copy enclosed), declaration on a non-judicial stamp paper and send us the grant- in-aid bill (copy enclosed) of 40% of the awarded grant. All Payments and Transfers are to be done through EAT module hence the institution has to open a dedicated account as per the notification of ICSSR.

You are once again required to go through the eligibility criteria in the guidelines and make sure you fulfil them in all respect both in case of individual and institution. In case you have awarded a project under any other programme of ICSSR and sanction letter for the same has been issued you are requested to continue with earlier sanction and inform accordingly. This award in that case will not stand operational. In case you have already been awarded a project and sanction letter has not been issued you may make an option between the two awards and inform us clearly which project you would like to start. If there is any change in terms of original proposal you need to clarify and take approval from ICSSR in the beginning itself.

Kindly send us all the desired documents (attached herewith) to the undersigned within at the earliest to enable us to issue the formal sanction order as per the checklist enclosed. Kindly send us hard copy of your proposal C.V. and affiliation letter.

With Regards

Revathy Vishwanath

Deputy Director,

Research Project Division Incharge

ICSSR, New Delhi

To

Dr. Gugulothu Srinu, Asst Prof,

Dept of Public Administration, Central University of Kerala,

Tejaswini Hills, Periyar PO, Kasargod, Kerala-671316

Mob:09394444411 [email:gssrinivas62@gmail.com](mailto:gssrinivas62@gmail.com)



**UNIVERSITY GRANTS COMMISSION**  
**BAHADUR SHAH ZAFAR MARG**  
**NEW DELHI-110 002**

No.F.1-6/2018 (AAC/MOOCs)

18<sup>th</sup> May, 2018

The  
Registrar  
Central University of Kerala  
Tejaswini Hills, Periyar Post, Kasaragod, Kerala 671316

18 MAY 2018

**Name of the Project:** Development of Non-Technology PG Degree Online Courses for SWAYAM

**Name of Course Coordinator (CC):** Dr. Vellikkeel Raghavan

**Course Name:** Film Studies

**Number of Credits:** 4 credit

**Name of the Host Institute having agreed for conduct of examination and transfer of the Credit:** Central University of Kerala, Tejaswini Hills, Periyar Post, Kasaragod, Kerala 671316

The UGC has received the acceptance of Dr. Vellikkeel Raghavan, Assistant Professor, Department of English and Comparative Literature, Central University of Kerala for development of MOOCs course in Film Studies in response to UGC's email dated 13<sup>th</sup> April, 2018, conveying UGC's "*in principle*" approval of the detailed proposal for non-technology PG MOOCs for SWAYAM Platform.

I am directed to inform you that, the UGC is releasing 10% of the total MOOCs cost as the first instalment for preparing Course material for the first week of the MOOCs course.

| Sr. No. | Name of the Course | Amount allocated per Course | Amount being released ( 10 % of the total cost ) |
|---------|--------------------|-----------------------------|--|
|         |                    | (Rs. in lakhs)              | Rs   |
| 1       |                    | 13.50                       | 1.35 (One lakh thirty five thousand only)        |

**Here it may be mentioned that the final approval of the course is subject to the approval of the one week course content by the UGC Academic Advisory Council.**



The Course Coordinator has full autonomy to utilize the funds/budget as per his/her wisdom in the MHRD approved budget heads mentioned below. ( *This budget head may be used as reference for utilising the 10 % being released now and on approval of the course for subsequent utilisation of funds.* )

**A. Development of new MOOCs:**

**Teaching Learning Material(TLM) & On-Camera Presentation**

| S. No. | Details   | Rs. in Lakhs |
|--------|---|--------------|
| 1      | Preparation of the TLM, assessment, presentations, online reference material etc. including transcript - for 40 hours course material | 1.50         |
| 2      | On Camera presentation by SME (Subject Matter Expert) @ Rs. 5000 per module (30 minutes)  | 2.00         |
| 3      | Academic Review with two subject matter experts (for all four quadrant material) @ Rs. 1000 per module (30 minutes)                   | 0.80         |
| 4      | Technical review by one technical expert @ Rs. 500 per module (30 minutes)  | 0.20         |
|        | <b>Sub-Total (SI. No 1 to 4) payment to SMEs and Reviewers (for 40 hours)</b>   | <b>4.50</b>  |

**B. Video Production (Tentative - 40 hours):**

| S. No. | Details  | Rs. in lakhs |
|--------|--|--------------|
| 1.     | Production cost (including cost of studio, set, crew and instructional designer) | 5.25         |
| 2.     | Multimedia or outdoor shooting inputs  | 1.75         |
| 3.     | Post production (@ Rs. 5.000 per hour)   | 2.00         |
|        | <b>Sub-Total (SI. No 1 to 3) Video Production Cost</b>                           | <b>9.00</b>  |
|        | <b>Grand Total ( A + B) =</b>  | <b>13.5</b>  |

On approval of the first week course by UGC Academic Advisory Committee (SMEGs), the remaining grant shall be released in two instalments of 70% & 20% of which 20% grant will be released only after successfully uploading the Course on the SWAYAM Platform.

Further, this is to inform that MHRD does not allow institutional/ overhead charges in this project and institute/university is requested to release the entire funds to Course-Coordinator(CC) and allow CC to utilize it for development of MOOCs Course.

Yours faithfully,



**(Dr. Diksha Rajput)**

Publication Officer

**Dr. DIKSHA RAJPUT**

Publication Officer

University Grants Commission

Bahadur Shah Zafar Marg

New Delhi-110002



**F.No.1-31/2016-PN.II**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**  
**(PN.II Section)**

\* \* \* \* \*

Room No. 519-C, Shastri Bhawan  
New Delhi, dated the 17<sup>th</sup> May, 2016

To,

The Pay and Accounts Officer  
Pay and Accounts Office,  
Ministry of Human Resource Development,  
Department of Higher Education,  
Shastri Bhawan,  
New Delhi.

**Subject: Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) during the financial year 2016-17.**

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 1,55,00,000/- (Rupees one crore and fifty five lakh only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) during the financial year 2016-17.

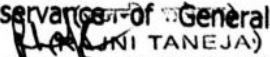
2. The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 003 - Training, 02 - National Mission on Teacher & Teaching (NMTT), 02.01.31 - Grants-in-aid General under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).

3. The release of the grant is subject to following terms & conditions:-

- (i) The Institute will start the project immediately after receipt of grant-in-aid from the Ministry
- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- (v) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of set Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.

4. The release of grant is further subject to the following conditions:-

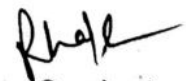
- (i) The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- (ii) The grant is subject to adjustment on the basis of audited statement of accounts of the Institute. The release of grant would further be subject to observance of General

  
(ANIL TANEJA)  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations 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/Department whenever the institution or organization is called upon to do so.

5. The amount of Rs. 1,55,00,000/- (Rupees one crore and fifty five lakh only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-in-aid Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Bank Savings Account No. 0711101068500, MICR Code – 671015053, IFSC Code – CNRB0004111, Branch – Canara Bank, Periyar, Distt. Kasargod, Kerala.
6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.
7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.
8. In future, grants will be released to the Institute only after the Institute has satisfied the Ministry that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.
9. The Institute shall fully implement the Official language Policy of the Union Government i.e. the Institute shall fully comply with the Official Language Act, 1963 and Official Language (Use for the official purposes of the Union) Rules, 1976, etc.
10. The accounts shall be open to check by an Officer deputed by the Government or of the State Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.
11. The Sanction ID and e-bill has been generated.

Yours faithfully,




(Rajni Taneja)

Under Secretary to the Govt. of India  
अध. सचिव / Under Secretary  
मंत्रालय / Ministry  
Min. of Human Resources Dev.  
नई दिल्ली / New Delhi  
Tel No. 011-23382593

**Copy forwarded to:-**

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File

  
(राजनी तनेजा)  
(RAJNI TANEJA)  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi



**F.No.1-31/2016-PN.II**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**  
**(PN.II Section)**

\* \* \* \* \*

Room No. 519-C, Shastri Bhawan  
New Delhi, dated the 17<sup>th</sup> May, 2016

To,

The Pay and Accounts Officer  
Pay and Accounts Office,  
Ministry of Human Resource Development,  
Department of Higher Education,  
Shastri Bhawan,  
New Delhi.

**Subject: Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.**

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 30,00,000/- (Rupees thirty lakh only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

2. The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 789 - Special component plan for SCs, 17 - National Mission on Teacher & Teaching (NMTT), 17.01.31 - Grants-in-aid General under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).

3. The release of the grant is subject to following terms & conditions:-

- (i) The Institute will start the project immediately after receipt of grant-in-aid from the Ministry
- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- (v) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of set Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.

4. The release of grant is further subject to the following conditions:-

- (i) The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- (ii) The grant is subject to adjustment on the basis of audited statement of accounts of the Institute. The release of grant would further be subject to observance of General

**General**  
**SECRETARY (PN.II TANEJA)**  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations 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/Department whenever the institution or organization is called upon to do so.

5. The amount of Rs. 30,00,000/- (Rupees thirty lakh only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-in-aid Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Bank Savings Account No. 0711101068500, MICR Code – 671015053, IFSC Code – CNRB00041111, Branch – Canara Bank, Periyar, Distt. Kasargod, Kerala.

6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.

7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.

8. In future, grants will be released to the Institute only after the Institute has satisfied the Ministry that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.

9. The Institute shall fully implement the Official language Policy of the Union Government i.e. the Institute shall fully comply with the Official Language Act, 1963 and Official Language (Use for the official purposes of the Union) Rules, 1976, etc.

10. The accounts shall be open to check by an Officer deputed by the Government or of the State Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.

11. The Sanction ID and e-bill has been generated.

Yours faithfully,



(Rajni Taneja)

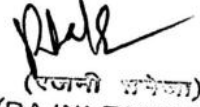
Under Secretary to the Govt. of India

Tel No. - 011-23382593

भारत सरकार, भारत  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

**Copy forwarded to:-**

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File



(राजनी तनेजा)  
(RAJNI TANEJA)

अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली, New Delhi



**F.No.1-31/2016-PN.II**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**  
**(PN.II Section)**

\* \* \* \* \*

Room No. 519-C, Shastri Bhawan  
New Delhi, dated the 17<sup>th</sup> May, 2016

To,

The Pay and Accounts Officer  
Pay and Accounts Office,  
Ministry of Human Resource Development,  
Department of Higher Education,  
Shastri Bhawan,  
New Delhi.

**Subject:** Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 15,00,000/- (Rupees fifteen lakh only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

2. The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 796 - Tribal area sub plan, 19 - National Mission on Teacher & Teaching (NMTT), 19.01.31 - Grants-in-aid General under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).

3. The release of the grant is subject to following terms & conditions:-

- (i) The Institute will start the project immediately after receipt of grant-in-aid from the Ministry
- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- (v) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of set Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.

4. The release of grant is further subject to the following conditions:-

- (i) The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- (ii) The grant is subject to adjustment on the basis of audited statement of accounts of the Institute. The release of grant would further be subject to observance of the

**General**  
**TANE**  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations 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/Department whenever the institution or organization is called upon to do so.

5. The amount of Rs. 15,00,000/- (Rupees fifteen lakh only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-In-aid Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Bank Savings Account No. 0711101068500, MICR Code – 671015053, IFSC Code – CNRB0004111, Branch – Canara Bank, Periyar, Distt. Kasargod, Kerala.

6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated. 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.

7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.

8. In future, grants will be released to the Institute only after the Institute has satisfied the Ministry that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.

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10. The accounts shall be open to check by an Officer deputed by the Government or of the State Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.

11. The Sanction ID and e-bill has been generated.

**Yours faithfully,**



**(Rajni Taneja)**

**Under Secretary to the Govt. of India**

**Tel No. 011-23382593**

**(RAJNI TANEJA)**  
Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास विभाग  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

**Copy forwarded to:-**

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File



(राजनी तनेजा)  
(RAJNI TANEJA)  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विभाग, मंत्रालय  
Min. of Human Resources Development  
New Delhi



**F.No.1-31/2016-PN.II**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**  
**(PN.II Section)**

\* \* \* \* \*

Room No. 519-C, Shastri Bhawan  
New Delhi, dated the 17<sup>th</sup> May, 2016

To,

The Pay and Accounts Officer  
Pay and Accounts Office,  
Ministry of Human Resource Development,  
Department of Higher Education,  
Shastri Bhawan,  
New Delhi.

**Subject: Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.**

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 2,81,00,000/- (Rupees two crore and eighty one lakh only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

2. The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 003 - Training, 02 - National Mission on Teacher & Teaching (NMTT), 02.01.35 - Creation of capital assets under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).

3. The release of the grant is subject to following terms & conditions:-

- (i) The Institute will start the project immediately after receipt of grant-in-aid from the Ministry
- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
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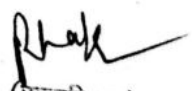
Institute. The release of grant would further be subject to observance of the

**General**  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

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11. The Sanction ID and e-bill has been generated.

Yours faithfully,

  
(Rajni Tapela)  
अवर सचिव / Under Secretary  
मानव संसाधन / Human Resources Dev.  
नई दिल्ली / New Delhi  
Under Secretary to the Govt. of India  
Tel No. 011-25382593

**Copy forwarded to:-**

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
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- 6) Guard File



(राजनी तनेजा)  
(RAJNI TANEJA)  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi



**F.No.1-31/2016-PN.II**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**  
**(PN.II Section)**

\* \* \* \* \*

Room No. 519-C, Shastri Bhawan  
New Delhi, dated the 17<sup>th</sup> May, 2016

To,

The Pay and Accounts Officer  
Pay and Accounts Office,  
Ministry of Human Resource Development,  
Department of Higher Education,  
Shastri Bhawan,  
New Delhi.

**Subject: Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.**

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 54,30,000/- (Rupees fifty four lakh and thirty thousand only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

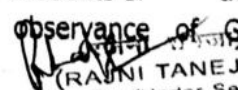
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- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- (v) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of set Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.

4. The release of grant is further subject to the following conditions:-

- (i) The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- (ii) The grant is subject to adjustment on the basis of audited statement of accounts of the Institute. The release of grant would further be subject to observance of General

  
(RASNI TANEJA)  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations 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/Department whenever the Institution or organization is called upon to do so.

5. The amount of Rs. 54,30,000/- (Rupees fifty four lakh and thirty thousand only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-in-aid Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Bank Savings Account No. 0711101068500, MICR Code – 671015053, IFSC Code – CNRB0004111, Branch – Canara Bank, Periyar, Distt. Kasargod, Kerala.
6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.
7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.
8. In future, grants will be released to the Institute only after the Institute has satisfied the Ministry that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.
9. The Institute shall fully implement the Official language Policy of the Union Government i.e., the Institute shall fully comply with the Official Language Act, 1963 and Official Language (Use for the official purposes of the Union) Rules, 1976, etc.
10. The accounts shall be open to check by an Officer deputed by the Government or of the State Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.
11. The Sanction ID and e-bill has been generated.

Yours faithfully,

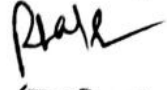


(Rajni Taneja)

Under Secretary to the Govt. of India  
Tel No. 011-23382593  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

**Copy forwarded to:-**

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File



(राजनी तनेजा)  
(RAJNI TANEJA)  
अधर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi

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•••  
•••



**F.No.1-31/2016-PN.II**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**  
**(PN.II Section)**

\* \* \* \* \*

Room No. 519-C, Shastri Bhawan  
New Delhi, dated the 17<sup>th</sup> May, 2016

To,

The Pay and Accounts Officer  
Pay and Accounts Office,  
Ministry of Human Resource Development,  
Department of Higher Education,  
Shastri Bhawan,  
New Delhi.

**Subject: Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) during the financial year 2016-17.**

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 27,20,000/- (Rupees twenty seven lakh and twenty thousand only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) during the financial year 2016-17.

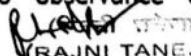
2. The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 796 - Tribal area sub plan, 19 - National Mission on Teacher & Teaching (NMTT), 19.01.35 - Creation of capital assets under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).

3. The release of the grant is subject to following terms & conditions:-

- (i) The Institute will start the project immediately after receipt of grant-in-aid from the Ministry
- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- (v) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of set Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.

4. The release of grant is further subject to the following conditions:-

- (i) The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- (ii) The grant is subject to adjustment on the basis of audited statement of accounts of the Institute. The release of grant would further be subject to observance of General

  
(RAJNI TANEJA)  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली, New Delhi

Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations 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/Department whenever the institution or organization is called upon to do so.

5. The amount of Rs. 27,20,000/- (Rupees twenty seven lakh and twenty thousand only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-In-aid Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Bank Savings Account No. 0711101068500, MICR Code - 671015053, IFSC Code - CNRB0004111, Branch - Canara Bank, Periyar, Distt. Kasargod, Kerala.

6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.

7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.

8. In future, grants will be released to the Institute only after the Institute has satisfied the Ministry that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.

9. The Institute shall fully implement the Official language Policy of the Union Government i.e., the Institute shall fully comply with the Official Language Act, 1963 and Official Language (Use for the official purposes of the Union) Rules, 1976, etc.

10. The accounts shall be open to check by an Officer deputed by the Government or of the State Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.

11. The Sanction ID and e-bill has been generated.

Yours faithfully,



(Rajni Taneja)  
Under Secretary to the Govt. of India

Tel No - 011-29382593

Min. of Human Resc  
New Delhi

**Copy forwarded to:-**

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File



(रजनी तनेजा)  
(RAJNI TANEJA)  
अवर सचिव/Under Secretary  
भारत सरकार/Govt. of India  
मानव संसाधन विकास मंत्रालय  
Min. of Human Resources Dev.  
नई दिल्ली/New Delhi





Revathy Vishwanath  
Assistant Director (RP)  
☎ 26716690

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi - 110067  
EPABX: 26741849-51 Fax: 91-11-26741836

F.No. 02-119/2014-15/ICSSR/RP

Dated: 27.03.2017

The Registrar  
Central University of Kerala  
Tejaswini Hills, Periyar PO,  
Kasaragod-671316 (Kerala)

**Subject: Responsive Research Project entitled 'Building a Framework for Classroom Based Pedagogy: Lessons from Selected Teachers Working in Higher Education Institutions'.**

Dear Sir,

This is in supersession to our earlier sanction order of even No. dated 24.12.14, as per request of project director regarding change of affiliation from Pondicherry University, R.V. Nagar, Kalapet, Puducherry to Central University of Kerala, Kasaragod-671316 (Kerala) of the above research project submitted by Dr. Amruth G. Kumar, Associate Professor, Department of Education Central University of Kerala, Tejaswini Hills, Periyar PO, Kasaragod-671316 (Kerala).

2. I am happy to inform that the ICSSR has sanctioned a grant-in-aid of Rs. 12,00,000/- (Rupees twelve lakh only) for the above research project and the grant will be released as follows:

First installment: Rs. 4,21,824/- (Rs.58,176/-already released & settled)

Second installment: Rs. 4,80,000/-

Final installment: Rs. 2,40,000/-

**Total Rs. 12,00,000/-**

\* The break-up budget approved by the ICSSR of Rs. 12.0 lakh is enclosed.

Cont'd...2/

Revathy V

3. The First installment of the approved grant-in-aid of Rs. 4,21,824/- will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. Rs. 58,176/- has been utilized and accounts have been settled by Pondicherry University.
4. In case, the study involves survey research, the finalized schedules/questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
  - a) If the schedule/questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule/questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
5. The second installment would be released on receipt of the 12 monthly progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.
6. The Final installment will be released only after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:
  - a) The final Report on the research project (in duplicate) in a publishable form.
  - b) A short summary of the project report in duplicate in 2,000-5,000 words.
  - c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
  - d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
  - e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.
7. The Director of the research project will be **Dr. Amruth G. Kumar**. Who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **1<sup>st</sup> February 2016** as intimated by the scholar.
8. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

Cont'd...3/

*Revathy N*


9. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

10. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website [www.icssr.org](http://www.icssr.org)

11. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants-Plan GEN. (10) **Grant-in-aid** for research project (s).

12. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.


Yours faithfully,

  
(Revathy Vishwanath)  
For Member Secretary

**Encl: as above**

Copy to:

1. Dr. Amruth G. Kumar  
Associate Professor  
Department of Education,  
Central University of Kerala  
Tejaswini Hills, Periyar PO,  
Kasaragod-671316 (Kerala)
2. Finance Branch, ICSSR, New Delhi
3. Record file

  
(Revathy Vishwanath)  
For Member Secretary



ANNEXURE XXXXX II

Vishwanath  
Assistant Director I/c (RP)

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi - 110067  
EPABX: 26741849-51 Fax: 91-11-26741836  
rpr@icssr.org

F.No. 02/417/2016-17/RP

Dated: 30.03.2017

The Registrar  
Central University of Kerala,  
Periye PO, Kasaragod,  
Kerala-671316.

**Subject: Sanction of Minor Research Project entitled "Psycho-Social Variables as Precursors of Education of Children of Women Fish Vendors in Malabar to Dr. M N Mohamedunni Alias Musthafa".**

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. M N Mohamedunni Alias Musthafa, Associate Professor, Department of Education, Central University of Kerala, Periye PO, Kasaragod, Kerala-671316.

2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. 2,00,000/- (Rupees two lakh only) for the above research project and the grant will be released as follows:

|                     |            |                   |
|---------------------|------------|-------------------|
| First installment:  | Rs.        | 80,000/-          |
| Second installment: | Rs.        | 80,000/-          |
| Final installment:  | Rs.        | 40,000/-          |
| <b>Total</b>        | <b>Rs.</b> | <b>2,00,000/-</b> |

\* The break-up budget approved by the ICSSR of Rs. 2.00 Lakh is enclosed.

Periye ✓

Cont'd...2/-



# CENTRAL UNIVERSITY OF KERALA



## SCHOOL OF EDUCATION

### CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL DEVELOPMENT

#### PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

CUK/SoE/PMMMNTT/MRP/2018-19/402

Dated, 25.02.2019

To,

**The Registrar  
Central University of Kerala  
Tejaswini Hills, Periyar P.O,  
Kasaragod, Kerala – 671316**

**Subject: Research Project entitled “Life Skill Education programme of the CBSE Curriculum: A Critical Evaluation”**

Dear Sir,

1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), School of Education (SoE) refer the guidelines.
3. The first instalment of the approved grant-in-aid of Rs1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
4. The first instalment of the grant shall comprise of 100% of the Non – Recurring and 50% of the total Recurring grant approved by the PMMMNTT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

1. copy of the final report of project along with 3 soft copies.
2. A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.

3. A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as well as the Principal Investigator in the prescribed proforma.
4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within *period of research, the same will lapse and no representation will be entertained on this behalf.*


5. The Principal Investigator of the research project will be **Dr. Mary Vineetha Thomas** Who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.
6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE), Central University of Kerala.
7. All grants from PMMMNMTT are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.
8. The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNMTT, SoE, CUK.
9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.
  - a) **If a Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.**
  - b) No extension in tenure is permissible in any circumstances.
10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.



Encl: as above

Copy to: **Dr. Mary Vineetha Thomas**  
**Assistant Professor, Department of Education**  
**Central University of Kerala, Kasaragod**

Yours Faithfully,

  
Project Head, PMMMNMTT  
Central University of Kerala

പ്രോജക്ട് ഹെഡ് / Project Head  
പി. എ. എ. യു. കെ. സി. / PMMMNMTT  
ബി. എ. എ. / School of Education  
കെ. യു. കെ. / Central University of Kerala



Pathy Vishwanath  
Assistant Director I/c (RP)  
26716690

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi - 110067  
EPABX: 26741849-51 Fax: 91-11-26741836  
[rpr@icssr.org](mailto:rpr@icssr.org)

F.No. 02/415/2016-17/RP

Dated: 30.03.2017

The Registrar,  
Central University of Kerala,  
Periye PO, Kasaragod,  
Kerala - 671316

**Subject: Sanction of Minor Research Project entitled "Awareness and Attitude towards Electronic Waste and its Management among Post Graduate Students in Kerala to Dr. Mary Vineetha Thomas".**

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. Mary Vineetha Thomas, Assistant Professor, Department of Education, Central University of Kerala, Periye PO, Kasaragod, Kerala - 671316.

2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.

3. The ICSSR has sanctioned a grant-in-aid of Rs. 2,00,000/- (Rupees two lakh only) for the above research project and the grant will be released as follows:

|                     |            |                   |
|---------------------|------------|-------------------|
| First installment:  | Rs.        | 80,000/-          |
| Second installment: | Rs.        | 80,000/-          |
| Final installment:  | Rs.        | 40,000/-          |
| <b>Total</b>        | <b>Rs.</b> | <b>2,00,000/-</b> |

\* The break-up budget approved by the ICSSR of Rs. 2.00 Lakh is enclosed.

*Revathy*

Cont'd...2/-

4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).

5. In case, the study involves survey research, the finalized schedules/questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

- a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
- b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.

6. The second installment would be released on receipt of the **6 monthly** progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.

7. The Final installment will be released only after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:

- a) The final Report on the research project (in duplicate) in a publishable form.
- b) A short summary of the project report in duplicate in 2,000-5,000 words.
- c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
- d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
- e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.

8. The Director of the research project will be **Dr. Mary Vineetha Thomas**. Who will be responsible for its completion within **12 Months** from the date of commencement of the project, which is **1<sup>st</sup> June 2017** as intimated by the scholar.

9. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.



Cont'd...3/-

10. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

11. The Project Director will ensure that the expenditure incurred by her conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website [www.icssr.org](http://www.icssr.org)

12. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants-Plan **General**. (10) Grant-in-aid for research project (s).

13. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

  
(Revathy Vishwanath)  
For Member Secretary

**Encl: as above**

Copy to:

1. ✓ Dr. Mary Vineetha Thomas  
Assistant Professor,  
Department of Education,  
Central University of Kerala,  
Periye PO, Kasaragod,  
Kerala - 671316
2. Finance Branch, ICSSR, New Delhi
3. Record file

  
(Revathy Vishwanath)  
For Member Secretary





# CENTRAL UNIVERSITY OF KERALA



## SCHOOL OF EDUCATION CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL DEVELOPMENT

### PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

CUK/SoE/PMMMNM/TT/MP/2018-19/407

Dated, 25.02.2019

To,

**The Registrar  
Central University of Kerala  
Tejaswini Hills, Periyar P.O,  
Kasaragod, Kerala – 671 316**

**Subject: Research Project entitled “Curriculum offered for the Student with Intellectual Disabilities in the Special Schools of Kasaragod”**

Dear Sir,

1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNM/TT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNM/TT), School of Education (SoE) refer the guidelines.
3. The first instalment of the approved grant-in-aid of Rs.1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
4. The first instalment of the grant shall comprise of 100% of the Non – Recurring and 50% of the total Recurring grant approved by the PMMMNM/TT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

1. copy of the final report of project along with 3 soft copies.
2. A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.


3. A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as well as the Principal Investigator in the prescribed proforma.
4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within *period of research, the same will lapse and no representation will be entertained on this behalf.*

5. The Principal Investigator of the research project will be **Dr. Vanitha .C** who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.
6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE), Central University of Kerala.
7. All grants from PMMMNMTT are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.
8. The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNMTT, SoE, CUK.
9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.
  - a) **If a Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.**
  - b) No extension in tenure is permissible in any circumstances.
10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.



Yours Faithfully,

  
Project Head, PMMMNMTT  
Central University of Kerala  
കേരള സർവകലാശാല  
Central University of Kerala

Encl: as above

Copy to: **Dr. Vanitha .C**  
**Assistant Professor, Department of Education**  
**Central University of Kerala, Kasargod**



# CENTRAL UNIVERSITY OF KERALA



**SCHOOL OF EDUCATION  
CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL  
DEVELOPMENT  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION  
ON TEACHERS AND TEACHING**

CUK/SoE/PMMMNM/TT/MP/2018-19/403

Dated, 25.02.2019

To,

**The Registrar  
Central University of Kerala  
Tejaswini Hills, Periyar P.O.,  
Kasaragod, Kerala – 671316**

**Subject: Research Project entitled “Open Educational Resources Courseware for Curriculum Transaction in Chemistry at Higher Secondary Level”**

Dear Sir,

1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNM/TT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNM/TT), School of Education (SoE) refer the guidelines.
3. The first instalment of the approved grant-in-aid of Rs1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
4. The first instalment of the grant shall comprise of 100% of the Non – Recurring and 50% of the total Recurring grant approved by the PMMMNM/TT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

1. copy of the final report of project along with 3 soft copies.
2. A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.



3. A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as well as the Principal Investigator in the prescribed proforma.
4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within *period of research, the same will lapse and no representation will be entertained on this behalf.*

5. The Principal Investigator of the research project will be **Dr. V.P Joshith** who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.

6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan. Malaviya National Mission on Teachers and Teaching (PMMMNMST), School of Education (SoE), Central University of Kerala.

7. All grants from PMMMNMST are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.

8. The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNMST, SoE, CUK.

9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.

a) If a **Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.**

b) No extension in tenure is permissible in any circumstances.

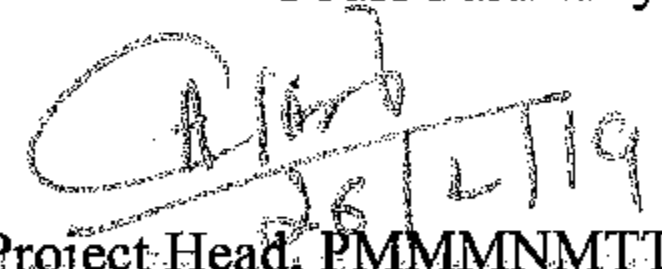
10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.



Encl: as above

Copy to: **Dr. V.P Joshith**  
**Assistant Professor, Department of Education**  
**Central University of Kerala, Kasargod**

Yours Faithfully,

  
**Project Head, PMMMNMST**  
**Central University of Kerala**  
പി എസ് എസ് എസ് എസ് എസ് എസ് എസ്, PMMMNMST  
പി എസ് എസ് / School of Education  
കാസർഗോഡ്  
Central University of Kerala



# CENTRAL UNIVERSITY OF KERALA



## SCHOOL OF EDUCATION

### CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL DEVELOPMENT

#### PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

CUK/SoE/PMMMNTT/MRP/2018-19/400

Dated, 25.02.2019

To,

**The Registrar  
Central University of Kerala  
Tejaswini Hills, Periyar P.O,  
Kasaragod, Kerala – 671316**

**Subject:** Research Project entitled “Whatsapp Mediated Learning Approach: An Investigation of Its Effect on Achievement and Mobile Learning Acceptance among the M. Ed students”

Dear Sir,

1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), School of Education (SoE) refer the guidelines.
3. The first instalment of the approved grant-in-aid of Rs. 1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
4. The first instalment of the grant shall comprise of 100% of the Non – Recurring and 50% of the total Recurring grant approved by the PMMMNTT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

1. copy of the final report of project along with 3 soft copies.
2. A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.
3. A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as well as the Principal Investigator in the prescribed proforma.

4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within *period of research, the same will lapse and no representation will be entertained on this behalf.*

5. The Principal Investigator of the research project will be Dr. K Thiyagu who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.

6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), School of Education (SoE), Central University of Kerala.

7. All grants from PMMMNTT are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.

8. The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNTT, SoE, CUK.

9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.

a) **If a Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.**

b) No extension in tenure is permissible in any circumstances.

10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.



Yours Faithfully,

*A. M. D.*  
26/2/19  
Project Head, PMMMNTT  
Central University of Kerala  
PMMMNMTT  
School of Education  
Central University of Kerala

Encl: as above

Copy to: **Dr. K Thiyagu**  
**Assistant Professor**  
**Dept. of Education**  
**Central University of Kerala**





Revathy Vishwanath  
Assistant Director I/c (RP)  
☎ 26716690

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi – 110067  
EPABX: 26741849-51 Fax: 91-11-26741836  
[rpr@icssr.org](mailto:rpr@icssr.org)

F.No. 02/428/2016-17/RP

Dated: 30.03.2017

The Registrar,  
Central University of Kerala,  
Periye PO, Kasaragod,  
Kerala - 671316

**Subject: Sanction of Minor Research Project entitled "Impact of Social Media on University Students' Academic Performance and Behaviour Changes: A Case of Kerala State to Dr. K Thiyagu".**

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. K. Thiyagu, Assistant Professor, Department of Education, Central University of Kerala, Periye PO, Kasaragod, Kerala-671316.

2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.

3. The ICSSR has sanctioned a grant-in-aid of Rs. 1,50,000/- (Rupees one lakh fifty thousand only) for the above research project and the grant will be released as follows:

|                     |            |                   |
|---------------------|------------|-------------------|
| First installment:  | Rs.        | 60,000/-          |
| Second installment: | Rs.        | 60,000/-          |
| Final installment:  | Rs.        | 30,000/-          |
| <b>Total</b>        | <b>Rs.</b> | <b>1,50,000/-</b> |

\* The break-up budget approved by the ICSSR of Rs. 1.50 Lakh is enclosed.

Cont'd...2/-

4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
5. In case, the study involves survey research, the finalized schedules/questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
  - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The second installment would be released on receipt of the **6 monthly** progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.
7. The Final installment will be released only after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:
  - a) The final Report on the research project (in duplicate) in a publishable form.
  - b) A short summary of the project report in duplicate in 2,000-5,000 words.
  - c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
  - d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
  - e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.
8. The Director of the research project will be, **Dr. K. Thiyagu**. Who will be responsible for its completion within **12 Months** from the date of commencement of the project, which is **1<sup>st</sup> June 2017** as intimated by the scholar.
9. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

*Revathy* ✓

Cont'd...3/-

10. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

11. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website [www.icssr.org](http://www.icssr.org)

12. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants-Plan **General**. (10) Grant-in-aid for research project (s).

13. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,



(Revathy Vishwanath)  
For Member Secretary

**Encl: as above**

Copy to:

1. ✓ Dr. K. Thiyagu  
Assistant Professor,  
Department of Education,  
Central University of Kerala,  
Periye PO, Kasaragod,  
Kerala-671316
2. Finance Branch, ICSSR, New Delhi
3. Record file



(Revathy Vishwanath)  
For Member Secretary



**Title: Impact of Social Media on University Students' Academic Performance and Behaviour Chages: A Case of Kerala State**

By

**Dr. K. Thiyagu**

**Budget**

| <b>Expenditure Head</b>   | <b>Percentage Allocation to Total Budget of the Study</b> | <b>Actual value as per the Study (In Rs.)</b> |
|---|---|---|
| Full Time Research Staff<br>Part Time Assistance/Hiring Charges   | Not Exceeding 50%   | 75,000/-                                      |
| Fieldwork Cost<br>(Travel/Logistics/Lodging-Boarding etc.)<br>Source<br>Materials/Software/Data Base etc. | Not less than 37.5%                                       | 56,250/-                                      |
| Contingency   | 5%  | 07,500/-                                      |
| Institutional Overheads   | 7.5%  | 11,250/-                                      |
| <b>Total</b>  | <b>100</b>  | <b>1,50,000/-</b>                             |

(Rupees One lakh fifty thousand only)

Note:

- c. Period of appointment of full time/part time staff to be decided as per upper limit of financial allocation under each head.
- d. Payment of full-time/part-time research staff and other expenditure will be made as per rates approved by the ICSSR for different posts/heads as under:

|                             |                                  |
|-----------------------------|----------------------------------|
| Research Associates         | Rs. 16,000/- per month           |
| Research Assistant          | Rs. 13,000/- per month           |
| Research/Field Investigator | Not exceeding Rs.1,000/- per day |

  
FOR MEMBER SECRETARY



Revathy Vishwanath  
Assistant Director I/c (RP)  
26716690

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi - 110067  
EPABX: 26741849-51 Fax: 91-11-26741836  
[rpr@icssr.org](mailto:rpr@icssr.org)

F.No. 02/326/2016-17/RP

Dated: 30.03.2017

The Registrar  
Central University of Kerala,  
Tejaswini Hills, Periyar PO,  
Kasaragod-671316 Kerala

**Subject: Sanction of Major Research Project entitled "Open Educational Resources (OER) and Massive Open Online Course (MOOC) for Professional Development of Secondary Teachers: Design and Development of an E-Learning Courseware to Dr. V P Joshith".**

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. V.P. Joshith, Assistant Professor, Department of Education, Central University of Kerala, Thejaswini Hills, Periyar (P.O.) , Kasargod Kerala-671316.

2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. 8,00,000/- (Rupees eight lakh only) for the above research project and the grant will be released as follows:

|                     |            |                   |
|---------------------|------------|-------------------|
| First installment:  | Rs.        | 3,20,000/-        |
| Second installment: | Rs.        | 3,20,000/-        |
| Final installment:  | Rs.        | 1,60,000/-        |
| <b>Total</b>        | <b>Rs.</b> | <b>8,00,000/-</b> |

\* The break-up budget approved by the ICSSR of Rs. 8.00 Lakh is enclosed.

*Revathy Vishwanath*

Cont'd...2/-

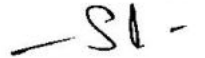
10. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

11. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website.

12. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants Plan **General**. (10) Grant-in-aid for research project (s).

13. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon at 10% per annum.

Yours faithfully,



(Revathy Vishwanath)  
For Member Secretary

**Encl: as above**

Copy to:

1. ✓ Dr. V.P. Ioshith  
Assistant Professor,  
Department of Education,  
Central University of Kerala,  
Thejaswini Hills, Periyar (P.O.),  
Kasaragod Kerala 671316
2. Finance Branch, ICSSR, New Delhi
3. Record file



(Revathy Vishwanath)  
For Member Secretary



4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
5. In case, the study involves survey research, the finalized schedules/questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
  - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The second installment would be released on receipt of the **12 monthly** progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.
7. The Final installment will be released only after the receipt of the following documents under rule 1,10(3) of the ICSSR Research Grants and acceptance by the ICSSR:
  - a) The final Report on the research project (in duplicate) in a publishable form.
  - b) A short summary of the project report in duplicate in 2,000-5,000 words.
  - c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
  - d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
  - e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.
8. The Director of the research project will be **Dr. V.P. Joshith**. Who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **1<sup>st</sup> June 2017** as intimated by the scholar.
9. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

*Revallyv*

Cont'd...3/-

**Title: Open Educational Resources(OER) and Massive Open Online Course (MOOC) for Professional Development of Secondary Teachers: Design and Development of an E-Learning Courseware**

By

**Dr. V.P. Joshith**

**Budget**

| <b>Expenditure Head</b>   | <b>Percentage Allocation to Total Budget of the Study</b> | <b>Actual value as per the Study (In Rs.)</b> |
|---|---|---|
| Full Time Research Staff<br>Part Time Assistance/Hiring Charges   | Not Exceeding 50%   | 4,00,000                                      |
| Fieldwork Cost<br>(Travel/Logistics/Lodging-Boarding etc.)<br>Source<br>Materials/Software/Data Base etc. | Not less than 37.5%                                       | 3,00,000                                      |
| Contingency   | 5%  | 40,000  |
| Institutional Overheads   | 7.5%  | 60,000  |
| <b>Total</b>  | <b>100</b>  | <b>8,00,000</b>                               |

(Rupees Eight lakh only)

Note:

- Period of appointment of full time/part time staff to be decided as per upper limit of financial allocation under each head.
- Payment of full-time/part-time research staff and other expenditure will be made as per rates approved by the ICSSR for different posts/heads as under:

Research Associates

Rs. 16,000/- per month

Research Assistant

Rs. 13,000/- per month

Research/Field Investigator

Not exceeding Rs.1,000/- per day

  
FOR MEMBER SECRETARY



भारतीय सामाजिक विज्ञान अनुसंधान परिषद्

(मानव संसाधन विकास मंत्रालय)

पोस्ट बॉक्स - 10528, अरूना आसफ अली मार्ग,

नई दिल्ली-110 067

INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

(Ministry of Human Resource Development)

Post Box No. 10528, Aruna Asaf Ali Marg,

New Delhi - 110 067

EPABX : 26741849 Fax : 91-11-26741836

E-mail : info@icssr.org Website : www.icssr.org

Revathy Vishwanath  
Deputy Director I/c (RP)

F.No. 02/326/2016-17/RP

Dated: 30.11.2018

The Registrar

Central University of Kerala,  
Tejaswini Hills, Periyar PO,  
Kasaragod-671316  
Kerala

Subject: Research Project entitled "Open Educational Resources (OER) and Massive Open online Course (MOOC) for Professional Development of Secondary Teachers: Design and Development of an E-Learning Courseware".

Dear Sir,

In continuation of the Council's letter of even number dated **30.03.2017** on the above subject, I am directed to convey the sanction of the ICSSR, to the payment of **Rs. 3,20,000/-** as the **second** installment for the research project mentioned above. This brings to the total amount released so far to **Rs. 6,40,000/-** against the total sanctioned grant of **Rs. 8,00,000/-**.

A copy of the grant-in-aid bill for release of **Rs. 3,20,000/-** as the **second** installment is enclosed. It is requested that the bill may be filled in and returned to the Council to enable us to release the grant.

The grant-in-aid is subject to all the conditions laid down in our letter referred above.

The expenditure on this account is debitable to the Budget Head B Programmes- Research Grants-Plan Gen (10) grant-in-aid for research project.

Yours faithfully,

— SJ —

(For Member Secretary)

Copy to:

Dr. V.P. Joshith

Assistant Professor,

Dept. of Education

Central University of Kerala,

Tejaswini Hills, Periyar PO,

Kasaragod-671316

Kerala

FA&CAO, ICSSR, New Delhi

Revathy  
(For Member Secretary)