



Government of India
Ministry of Science & Technology
Department of Scientific & Industrial Research
No.:A2KS-11011/21/2022-IRD(SC)-DSIR

Technology Bhawan, New Delhi
Dated: 13/10/2023

Sanction Order

Subject: Financial support towards the project entitled "A study report on research on indigenous development membranes for hospital waste water treatment in India to promote its recycle and reuse" to Department of Computer Science & Engineering (CSE), SRM University, Sonapat, Haryana under A2K+ studies program of DSIR - Release of the 1st installment of Rs. 9,44,600/- Regd.

Reference is made to the proposal of Department of Computer Science & Engineering (CSE), SRM University, Sonapat, Haryana entitled "A study report on research on indigenous development membranes for hospital waste water treatment in India to promote its recycle and reuse" under A2K+ Studies program of DSIR with the following financial outlay for the project duration of 12 months.

| S.No. | Sub-head | Budget (in Rs.) |
|-------|-----------------------------|---------------------|
| A | Manpower | 5,81,760.00 |
| B | Travel | 3,84,000.00 |
| C | Consultation Fees | 3,00,000.00 |
| D | Contingency and Consumables | 4,50,000.00 |
| E | Overheads | 1,71,576.00 |
| | Total | 18,87,336.00 |

2. Sanction of the President of India is hereby conveyed for the release of 1st installment of Rs. 9,44,600/- (Rupees Nine Lakhs Forty Four Thousand Six Hundreds Only) as Grants-in-aid under "Grants-in-aid-General Component" for the study project submitted by Department of Computer Science & Engineering (CSE), SRM University, Sonapat, Haryana to meet the expenses of project.

3. The sanction of the President is also accorded to carry forward the unspent balance of **Rs. 0.00/- (Rupees Zero only)** from **FY 2022-2023** to **FY 2023-2024** in recurring head.

4. The expenditure involved is debitable to **Demand No. 91** Department of Scientific & Industrial Research for the financial year **2023-24**:

| | |
|----------------------|---|
| 3425 | Other Scientific Research(Major Head) |
| 3425.60 | Others : (Sub-Major Head) |
| 3425.60.200 | Assistance to Other Scientific Bodies (Minor Head) |
| 3425.60.200.62 | Access to Knowledge for Technology Development & Dissemination (A2K+) |
| 3425.60.200.62.01 | Access to Knowledge for Technology Development & Dissemination (A2K+) |
| 3425.60.200.62.01.31 | Grants-in-aid-General |

5. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of Rs. 9,44,600/- (Rupees Nine Lakhs Forty Four Thousand Six Hundreds Only) will be drawn by DDO, DSIR and disbursed to the "CNA account of CSIR in respect of A2K+ Studies program".

| | |
|---------------------------|--|
| Name of A/C Holder | Council of Scientific & Industrial Research (CSIR) Industrial Research & Development (IRD-1826) |
| Bank A/C No | 110068915050 |
| Name of the Bank & branch | CANARA BANK, Green Park Extension Branch, 1 st Floor, 9 Community Centre Gulmohar Enclave, New Delhi-110049 |
| RTGS/IFSC code | CNRB0000350 |

Ranjeet
13/10/2023
डॉ. रणजीत बैरवा / Dr. RANJEET BAIRWA
वैज्ञानिक 'ई' / Scientist 'E'
भारत सरकार / Government of India
वैज्ञानिक और औद्योगिक अनुसंधान विभाग
Department of Scientific & Industrial Research
टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली-110016
Technology Bhawan, New Mehrauli Road, New Delhi-110016

6. CNA shall assign/allocate the amount of Rs. 9,44,600/- (Rupees Nine Lakhs Forty Four Thousand Six Hundreds Only) to the PFMS Account of SRM University, Sonapat, Haryana.
7. As per Rule 236(1) of GFR, the accounts of SRM University, Sonapat, Haryana shall be open to inspection by the sanctioning authority/Audit whenever SRM University, Sonapat, Haryana is called upon to do so.
8. As per Rule 238(1) of GFR, relating to Utilization Certificate (UC), SRM University, Sonapat, Haryana will be required to submit the UC for the installment of grant released under the project.
9. Central Nodal Agency (CNA) and Implementing Agency (IA)), SRM University, Sonapat, Haryana will be required to comply with Expenditure, Advance and Transfer (EAT) of Public Finance Management System (PFMS).
10. The CNA will keep all the funds received in the CNA Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/Flexi-Account/Multi-Option Deposit Account/Corporate Liquid Term Deposit (CLTD) account etc. The funds released to IA shall not be parked in bank account of any other agency.
11. The CNA and IA will ensure the compliance of OM No.: F.No.1(18)/PFMS/2021 dated 25.07.2022 of Department of Expenditure, Ministry of Finance.
12. This sanction issues under the powers delegated to this Department and with the concurrence of JS & FA, DSIR vide E-File No. 7603/Note-54/JS&FA/DSIR, Dated 25.07.2023 and approval of Head, A2K+, DSIR vide E-File No. 7603/Note-61 dated 04/08/2023.
13. Sanction order details has been entered in the divisional sanction order register vide Sl. No. 42, dated 13.10.2023.

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

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, 3rd Floor, AGCR Building, I.P. Estate, NewDelhi -110 001.
2. The JS&FA, DSIR, CSIR Headquarters, Anusandhan Bhawan, Rafi Marg, New Delhi – 110 001.
3. DS (IFD), DSIR Technology Bhawan, New Mehrauli Road, New Delhi – 110 016.
4. Drawing and Disbursing Officer, DSIR, Cash Section. (two copies)
5. Prof. V. Samuel Raj, Professor & Dean, Academic Affairs, SRM University, Sonapat - 131029, Haryana.
6. Dr. Ajay Kaushik, Associate Professor, Department of Computer Science & Engineering (CSE), SRM University, Sonapat - 131029, Haryana.
7. Department of Biosciences, Rajagiri College of Social Sciences, Cochin - 683 104, Kerala, India.
8. Dr. Sujata Chaklanobis, Scientist 'G' & Head - A2K+, DSIR, Technology Bhawan, New Delhi.
9. Dr. Vandana Kalia, Scientist 'F' & Member Secretary - A2K+ Studies, DSIR, Technology Bhawan, New Delhi.
10. Nodal Officer - CNA, CRTDH, A2K+, DSIR, Technology Bhawan, New Delhi – 110 016
11. Shri Ankur Jain, Sr. Accounts officer, CNA-DSIR, Anusandhan Bhawan, Rafi Marg, New Delhi – 110 001.
12. Sanction Folder

Ranjeet
13/10/2023
डॉ. रणजीत बैरवा / Dr. Ranjeet Bairwa
वैज्ञानिक 'ई' / Scientist E
भारत सरकार / Government of India
वैज्ञानिक और औद्योगिक अनुसंधान विभाग
Department of Scientific & Industrial Research
टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली-110016
Technology Bhawan, New Mehrauli Road, New Delhi-110016

Ranjeet
13/10/2023
(Dr. Ranjeet Bairwa)
डॉ. रणजीत बैरवा / Dr. Ranjeet Bairwa
वैज्ञानिक 'ई' / Scientist E
भारत सरकार / Government of India
वैज्ञानिक और औद्योगिक अनुसंधान विभाग
Department of Scientific & Industrial Research
टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली-110016
Technology Bhawan, New Mehrauli Road, New Delhi-110016

FILE NO. CRG/2022/005161

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

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

Dated: 16 June, 2023

ORDER

Subject: Financial Sanction of the research project titled **Deciphering the Methylation status and expression of telomere & telomerase complex genes under Hypobaric Hypoxia** under the guidance of Dr. Arpana Vibhuti, Biotechnology, SRM University, Plot no.39, rajiv gandhi education city delhi-ncr, sonapat - kundli urban complex, Post office p.s.ra, sonipat, Sonapat, Haryana-131029 and by Dr. Ramendra Pati Pandey, Associate Professor, Biotechnology, SRM University - 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. 4357769/- (Rs. Forty Three Lakh Fifty Seven Thousand Seven Hundred and Sixty Nine Only)** with break-up of **Rs. 544489/- under Capital (Non-recurring) head** and **Rs. 3813280/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4357769/-** has been approved are given below:

The following budget may be considered for **SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-NCR, Sonapat - Kundli Urban Complex, Post Office P.S.Rai, Sonipat**

| S. No | Head | Total (in Rs.) |
|----------|--|-----------------------------|
| A | Non-recurring | |
| 1 | Equipment -> Electroporator MicroPulser -> Gradient Thermal Cyclers | 544489 |
| A' | Total (Non-Recurring) | 544489 |
| B | Recurring Items | |
| 1 | Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility | 1257120 2100000 60000 |
| 2 | Recurring - IV : (Overhead Charges) | 396160 |
| B' | Total (Recurring) | 3813280 |
| C | Total cost of the project (A' + B') | 4357769 |

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

3. 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.

4. 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.

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

6. 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.

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

8. 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.

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. The research personnel 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

11. 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.

12. The project File no. CRG/2022/005161 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. 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 SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.


(Dr. Thangaradjou T)
Scientist F
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. | <p>Dr. Arpana Vibhuti Biotechnology SRM University , Plot no.39, rajiv gandhi education city delhi-ncr, sonapat – kundli urban complex,Post office p.s.ra, sonipat, Sonapat, Haryana-131029 Email: arpanavibhuti@gmail.com Mobile: 919990358922</p> <p>Dr. Ramendra Pati Pandey Biotechnology SRM University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p> |
| 5. | <p>Registrar , SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-NCR, Sonapat – Kundli Urban Complex,Post Office P.S.Rai, Sonipat</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p> |


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

FILE NO. CRG/2022/005161-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 16 June, 2023

ORDER

Subject: Research project entitled **Deciphering the Methylation status and expression of telomere & telomerase complex genes under Hypobaric Hypoxia** under the guidance of Dr. Arpana Vibhuti, Biotechnology, SRM University, Plot no.39, rajiv gandhi education city delhi-ncr, sonapat - kundli urban complex, Post office p.s.ra, sonipat, Sonapat, Haryana-131029 and by Dr. Ramendra Pati Pandey, Associate Professor, Biotechnology, SRM University.

1. In continuation of SERB's sanction order No. CRG/2022/005161 dated 16 June, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1493511/-** under 'Grants-in-aid General' to SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-ncr, Sonapat - Kundli Urban Complex, Post Office P.s.ra, Sonipat, Sonapat, Haryana-131029 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 16 June, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**Interdisciplinary Biological Sciences**) (General).
5. The Sanction has been issued with the approval of the competent authority on **15 June, 2023** and vide Diary No. **SERB/F/2306/2023-2024** dated **16 June, 2023**.
6. The release amount of **Rs. 1493511/-** (Rupees Fourteen Lakh Ninety Three Thousand Five Hundred and Eleven 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 | SRMUH |
| Account Name | SRMUH RESEARCH AND INNOVATION |
| Account Number | 35244405943 |
| Bank Name & Branch | STATE BANK OF INDIA M L N S OF SPORTS, RAIMotilal Nehru Sports SchoolVillage Rai SonapatHaryana 131029 |
| IFSC/RTGS Code | SBIN0006838 |
| Email id of A/C Holder | registrar@srmuniversity.ac.in |
| Email id of PI | arpanavibhuti@gmail.com |


(Dr. Thangaradjou T)
Scientist F
mssl@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 |

FILE NO. TAR/2021/000201
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, government of India)

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

Dated: 13-Jan-2022

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Prashant Kumar, SRM University , Plot No.39, Rajiv Gandhi Education City Delhi-ncr, Sonapat – Kundli Urban Complex,Post Office Ps.rai, Sonipat, Sonapat, Haryana-131029-** under the mentorship of **Dr. Brajendra K Singh, at University of Delhi New Delhi, Delhi - 110007-** Release of 1st grant.

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

The date of start of the project will be 04 December, 2021. 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

SRM University , Plot No.39, Rajiv Gandhi Education City Delhi-ncr, Sonapat – Kundli Urban Complex,Post Office Ps.rai, Sonipat, Sonapat, Haryana-131029 (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 |

University of Delhi New Delhi, Delhi - 110007 (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 **SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-NCR, Sonapat – Kundli Urban Complex,Post Office PS.Rai, Sonipat , Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** to **University of Delhi New Delhi, Delhi - 110007** being the first installment of the grant for the year 2021-2022 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 Teachers Associateship For Research Excellence (TARE). (Organic Chemistry)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/6635/2021-2022** dated **04 January, 2022**

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

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

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

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

SRM University , Plot no.39, rajiv gandhi education city delhi-ncr, sonapat – kundli urban complex,Post office p.s.rai, sonipat, Sonapat, Haryana-131029 (Parent) :

| | |
|------------------------------------|---|
| PFMS Unique Code | SRMUH |
| Account Name | SRM University Haryana |
| Account Number | 35723701835 |
| Bank Name & Branch | State Bank of India MLNS of Sports Rai Motilal Nehru Sports School Village Rai Sonapat Haryana 131029 |
| IFSC/RTGS Code | SBIN006838 |
| Email address of PI | prashanttomar972@gmail.com |
| Email id of A/C Holder | registrar@srmuniversity.ac.in |
| 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:

University of Delhi New Delhi, Delhi - 110007 (Host) :

| | |
|------------------------|--|
| PFMS Unique Code | duuniv |
| Account Name | The Registrar, University of Delhi Minor Project Young Scientists |
| Account Number | 10851298593 |
| Bank Name & Branch | State Bank of India Utility Centre Delhi University Branch, SBI Utility Centre DU Delhi 110007 |
| IFSC/RTGS Code | SBIN0001067 |
| Email address of PI | prashanttomar972@gmail.com |
| Email id of A/C Holder | registrar@du.ac.in |
| Email id of Mentor | Dr. Brajendra K Singh |

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/2021/000201 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 F
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. | (i) Dr. Prashant Kumar Chemistry SRM University, Plot no.39, rajiv gandhi education city delhi-ncr, sonapat – kundli urban complex, Post office p.s.ra, sonipat, Sonapat, Haryana-131029 Email: prashanttomar972@gmail.com Mobile: 918527011424 (ii) Dr. Brajendra K Singh University of Delhi New Delhi, Delhi - 110007 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .) |
| 5. | (i) Registrar, SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-NCR, Sonapat – Kundli Urban Complex, Post Office P.S.Rai, Sonipat (ii) Registrar University of Delhi New Delhi, Delhi - 110007 (Receipt of Grant may be intimated by name to the undersigned) |


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



Coordinator Research & Development
<coord.rd@srmuniversity.ac.in>

Acceptance of the project by DST-SERB

4 messages

Dr. Neeti Keswani <neeti.keswani@srmuniversity.ac.in>

Thu, Oct 6, 2022 at
9:52 PM

To: vcsrmh@srmuniversity.ac.in, registrar@srmuniversity.ac.in, Dean Science & Humanities SRMUH <deansh@srmuniversity.ac.in>, coord.rd@srmuniversity.ac.in, Dean Engineering SRMUH <deanengineering@srmuniversity.ac.in>

Respected Sir,

I am glad to inform you that my project entitled "Low-frequency electronic noise studies and device engineering in artificial spin ice architecture" written in collaboration with Indian Institute of technology Delhi has been accepted under Tare scheme by SERB DST. The project holds for a duration of 3 years and provides a research grant of 15 lakhs over a period of three years. I would like to thank you all for your constant support and guidance.

Thanking you.

----- Forwarded message -----

From: **NEETI KESWANI** <keswani.neeti@gmail.com>

Date: Thu, 6 Oct, 2022, 9:22 pm

Subject: Fwd: SERB-Notification

To: <neeti.keswani@srmuniversity.ac.in>

----- Forwarded message -----

From: <SERB_Administrator@serbonline.in>

Date: Thu, 6 Oct, 2022, 12:40 pm

Subject: SERB-Notification

To: <serbinfo1@gmail.com>



Science and Engineering Research Board

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

Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

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

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

File Number: TAR/2022/000651

Dated: 06-Oct-2022

Subject: Project titled "Low-frequency electronic noise studies and device engineering in artificial spin ice architecture"

Dear Ms. Neeti Keswani,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE)**. The following are the approved items for a period of three years.

Research Grant ? As per SERB-TARE norms

Fellowship ? As per SERB-TARE norms

Overhead Charges ? As per SERB-TARE norms

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the TARE and submission of required documents.
2. You are requested to submit the joining report in the host institute and submit relevant documents within one month from the date of receipt of this letter. Projects requires ethical / biosafety / stem cell / wildlife clearances etc.candidate will be allowed to join the host institute only after acquiring such clearances.
3. The grant will be effective from the date of joining in the host institution.
4. Follow the norms of host and parent institutions while implementing the project. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The reference no. **TAR/2022/000651** should be mentioned in all research outputs(publications/patent etc.) arising from the TARE grant.

Kindly follow the below steps only then you will be able to acknowledge the approval letter:

1. Go to www.serbonline.in through your [credentialswww.serbonline.in](http://www.serbonline.in)
2. Go to Menu --> Proposal submission --> View submitted proposals

A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Kindly upload RTGS details of the parent as well as host institute to facilitate transfer of the fund as per the template

Yours sincerely,

(Dr. Arvind Chaudhary)

Scientist D

Ms. Neeti Keswani

Dept Of Physics, SRM University, Sonapat

**SRM University , Plot No.39, Rajiv Gandhi Education City Delhi-ncr,
Sonapat – Kundli Urban Complex,Post Office P.s.rai, Sonipat, Sonapat,
Haryana-131029**

***** LEGAL DISCLAIMER *****

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Dean Science & Humanities SRMUH

<deansh@srmuniversity.ac.in>

Thu, Oct 6, 2022 at

10:00 PM

To: "Dr. Neeti Keswani" <neeti.keswani@srmuniversity.ac.in>

Cc: VC SRM Haryana <vcsmh@srmuniversity.ac.in>, "Prof. (Dr.) Manish Bhalla, Registrar" <registrar@srmuniversity.ac.in>, coord.rd@srmuniversity.ac.in, Dean Engineering SRMUH <deanengineering@srmuniversity.ac.in>

Congratulations 🙌🙌

[Quoted text hidden]

Dean Engineering SRMUH

<deanengineering@srmuniversity.ac.in>

Thu, Oct 6, 2022 at

10:12 PM

To: "Dr. Neeti Keswani" <neeti.keswani@srmuniversity.ac.in>

Cc: vcsrnh@srmuniversity.ac.in, registrar@srmuniversity.ac.in, Dean Science & Humanities SRMUH <deansh@srmuniversity.ac.in>, coord.rd@srmuniversity.ac.in

Congratulations

Thanks & Regards,

Dr. Ranjit Roy

Dean of Engineering & Technology and Coordinator - IQAC

SRM University Delhi-NCR, Sonapat, Haryana

39, Rajiv Gandhi Education City, Sonapat, Haryana - 131029

[Quoted text hidden]

Coordinator Research & Development

<coord.rd@srmuniversity.ac.in>

To: "Dr. Neeti Keswani" <neeti.keswani@srmuniversity.ac.in>

Fri, Oct 7, 2022 at
7:02 AM

Congratulations! Wish you many more in the future!

On Thu, Oct 6, 2022 at 9:53 PM Dr. Neeti Keswani <neeti.keswani@srmuniversity.ac.in> wrote:

[Quoted text hidden]

MEMORANDUM OF AGREEMENT

This Memorandum of Agreement (MoA) is entered on the 15th day of December 2022.

BETWEEN

INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH (IISER) PUNE

having its registered office at Dr. Homi Bhabha Road, Pashan, Pune-411008, herein referred to as the "**INSTITUTE**" acting through PI of iRISE programme, Prof Harinath Chakrapani who has been duly authorized to sign the present agreement on behalf of the institute. which expression shall whenever the context so required as admits, mean and include its successors and assigns on one part

PARTY OF THE FIRST PART

AND

SRM University Delhi NCR, Sonapat, Haryana having its registered address at

39, Rajiv Gandhi Education City, Delhi-NCR, Sonapat, Haryana-131029, India, herein referred to as the "**SRMUH**" acting through its Registrar, Prof. V. Samuel Raj, who has been duly authorized to sign the present agreement on behalf of the institute. Which expression shall whenever the context so required as admits, mean and include its successors and assigns on other part

PARTY OF THE SECOND PART

WHEREAS the Institute, an autonomous organization, under the Ministry of Education, Govt. of India agrees to collaborate with **SRM University Delhi NCR, Sonapat, Haryana** for Thought Leadership Forum of Inspiring India in Research, Innovation, and Stem Education (iRISE) Programme.

WHEREAS, iRISE is the programme jointly funded by the Department of Science and Technology, GoI, British Council, Royal Society of Chemistry, and Tata Technologies Ltd. Pune with the institute is the implementing partner.

AND WHEREAS the **SRM University Delhi NCR, Sonapat, Haryana** undertakes to collaborate with IISER Pune to implement the Thought Leadership Forum, in collaboration with the Institute, as per the terms and conditions hereinafter contained to which both the parties have agreed.

NOW IT IS AGREED BY AND BETWEEN THE PARTIES AS UNDER:

OBJECTIVES OF MoA

- (1) To collaborate on implementing the Thought Leadership Forum on the theme of "**Antimicrobial resistance and Antibiotic use in the Post-Pandemic World**" to produce the policy white paper based on the research.

1. DEFINITIONS

The following words/phrases, unless otherwise agreed to by the parties, shall have the meanings assigned to them herein below:

- a. "**IISER Pune**" means the Indian Institute of Science, Education and Research.
- b. "**SRMUH**", means **SRM University Delhi NCR, Sonapat, Haryana**
- c. "**iRISE**", Inspiring India in Research Innovation and STEM Education programme implemented by IISER Pune.
- d. "**Thought Leadership Forum**", means theme-based forum under iRISE, where academia and industry will collaborate to undertake a comprehensive study to produce reports/papers on globally trending issues of current and future significance related to science, technology, and transitional R&D.
- e. "**Policy white paper**", a white paper produced after research and deliberations of the experts.

2. SCOPE OF COOPERATION

a. For Thought Leadership Forum

- (1) Undertake research on the theme "Antimicrobial resistance and Antibiotic use in the Post-Pandemic World".
- (2) Organize round tables with eminent scholars, researchers, and top policymakers to deliberate on the issued related to AMR, especially in in the context of the post-COVID19 pandemic world.
- (3) Make policy recommendations to address the challenges related to AMR, especially in Indian context.
- (4) Produce a policy white paper on AMR- the way ahead.

3. ROLE AND RESPONSIBILITIES OF IISER Pune

- (1) Provide the grant for the execution of the Thought Leadership Forum on the basis mutually agreed-on proposal.
- (2) Review and suggest changes in the proposal submitted by the SRMUH for Thought Leadership Forum.
- (3) IISER Pune will recruit a suitable ad hoc consultant for not more than 04 months on the recommendation of SRM University for carrying out research, documentation, and coordination work for the Thought Leadership Forum

4. ROLE AND RESPONSIBILITIES OF SRM University Delhi NCR, Sonapat, Haryana

- (1) Organize Thought Leadership Forum on the theme: "**Antimicrobial resistance and Antibiotic use in the Post-Pandemic World** " as per the mutually agreed proposal and timelines (**Annexure I- Proposal for Thought Leadership Forum**).
- (2) Produce the policy white paper on the theme of the Thought Leadership Forum.
- (3) Provide the utilization certificate against the grant received for the Thought Leadership Forum to IISER Pune.
- (4) Provide any reports, data, and documentation as required by the PI of iRISE and iRISE PMU from time to time.

5. JOINT ROLES AND RESPONSIBILITIES OF PARTIES

- (1) Conceptualizing and planning of the Thought Leadership Forum

6. FINANCIAL ARRANGEMENTS

- (1) IISER Pune has sanctioned the grant of Rs. **22,19,700/-** for Thought Leadership Forum to SRMUH as part of the iRISE programme. SRMUH shall submit the audited Statement of Expenditure(SE) and Utilization certificate(UC) to IISER Pune for the said grant. (**Annexure II Format for SE and UC**)
- (2) For Thought Leadership Forum 80% of the grant will be disbursed by IISER Pune to SRMUH within two weeks after signing of the agreement and the remaining 20% of the grant amount will be disbursed after submission of SE and UC by SRMUH for earlier disbursed funds.
- (3) This MoA doesn't stop SRMUH from raising additional funds for organizing the Thought Leadership Forum.

7. CONFIDENTIALITY

- (1) It is agreed that information communicated between the parties under this MoA is confidential and shall be reserved strictly for its use. Both parties undertake to keep such information secret and shall take all steps necessary to prevent it from being disclosed to third parties.
- (2) Confidential Information shall not include information which:
 - (i) is already in the public domain;
 - (ii) is acquired by the Receiving Party before receiving such information from the Disclosing Party and without restriction as to use or disclosure;
 - (iii) is hereafter rightfully furnished to the Receiving Party by a third party, without restriction as to use or disclosure;
 - (iv) is information that the Receiving Party can document was independently developed by the Receiving Party;
 - (v) is required to be disclosed according to law, provided the Receiving Party uses reasonable efforts to give the Disclosing Party reasonable notice of such required disclosure;
 - (vi) is disclosed with the prior written consent of the Disclosing Party.
- (3) In the event of expiry or termination of this MoA, both parties shall return all documents and information belonging to the other and all copies thereof, in the possession or under control of the first.
- (4) The obligations as regards confidentiality of information, in any form, whatsoever, shall survive the expiry or termination of this MoA up till three years.

8. INTELLECTUAL PROPERTY RIGHTS

- (1) All rights and title to Intellectual Property, whether or not patentable, conceived, and reduced to practice, by any party, under the execution of this MoA, shall be owned jointly by both the parties in the agreement.
- (2) Unless otherwise agreed to, all rights and title to Intellectual Property, whether or not patentable, conceived and reduced to practice, in the performance of the activities under this MoA, exclusively by an employee of any party, shall be owned jointly by both the parties in the agreement.
- (3) All rights and title to Intellectual Property, whether or not patentable, conceived, and reduced to practice jointly by employees of both parties, shall be jointly owned.
- (4) Unless otherwise agreed to, all rights and title to Intellectual Property, whether or not patentable, conceived and reduced to practice, in the performance of the activities under the students' exchange programme carried out under this MoA, exclusively by students of IISER, shall be co-owned by both parties.

- (5) Neither party shall use or license to any third party such jointly owned intellectual property for any purpose whatsoever, without the prior written consent of the other party.
- (6) This clause shall continue to be in effect in perpetuity even after the expiry or termination of this MoA.

9. BRANDING

For all events, meetings, studies, reports, and promotion material under Thought Leadership Forum, the iRISE branding guidelines will be followed. SRMUH and any other partner logos must be used in accordance with iRISE branding guidelines. **(Annexure III- iRISE branding guidelines)**

10. COMPLIANCE WITH LAWS

The parties will mutually assist and cooperate to ensure that the activities to be carried out under this MoA comply with all applicable laws.

11. GOVERNMENTAL AUTHORISATION

All the sanctions, approvals, permissions, licenses and other requirements of the Government and of any Statutory authorities required for giving effect to all the terms and conditions of this MoA under the applicable laws shall be obtained by the respective party.

12. COORDINATORS:

- (1) Each party shall nominate a coordinator to coordinate the activities to be carried out under this MoA and to review their progress.
- (2) The coordinators shall submit a joint report of the activities to be carried out under this MoA to each Party, annually, together with any suggestions for improvements.

13. ASSIGNMENT

No rights or obligations under this Mo shall be assigned or transferred by either party hereto to any third party without the prior written consent of the other party hereto, and any attempted assignment or transfer without such consent shall be null and void.

14. INDEMNITY

Each Party ("Breaching Party") shall at all times hereafter indemnify and keep the other parties ("Non-Breaching Parties") fully indemnified against all claims, demands, actions, proceedings, losses, damages, costs, charges, expenses, interests and disbursements of any nature whatsoever, which the Non-Breaching Parties may pay or incur or suffer or sustain or be liable to pay or incur or suffer or sustain as a result or consequence, direct or indirect, of any breach of the provisions of this MoA by the Breaching Party or of as a result of an untrue, incorrect or misleading representation made by the Breaching Party.

15. SEVERABILITY

If either of the provisions hereof becomes invalid or unenforceable as violating any law or regulation or otherwise, this MoA shall be deemed to be severable concerning such provision. Such invalid or unenforceable provision shall be considered to be deleted from this MoA, and the remaining provisions of this MoA shall continue to be valid and binding as if such invalid or unenforceable provision had not been a part of this MoA. Both parties hereto agree to replace such invalid or unenforceable provision hereof, with valid and enforceable provision capable of achieving the purposes of this MoA and the original intent of the parties hereto to the extent it is possible under the applicable laws.

16. CORRESPONDENCES

All correspondences required to be exchanged under the provisions of this MoA shall be deemed to be satisfactorily given for all purposes of this MoA if given in the English language and delivered by hand or sent by email or regularly scheduled airborne express courier service (where sent from one country to another) by one party to the other party at the address specified by the party.

17. WAIVER

Any breach of the MoA by either party of any of its respective obligations hereunder may be waived by the other party in writing, provided that such waiver shall not preclude the party granting the waiver from claiming the fulfillment of any obligations set out herein at any additional time a breach of similar or different, is made. Failure of one party to claim upon its rights concerning a breach hereof by the other party shall not, in the absence of a written waiver executed and delivered as provided in the preceding sentence, be deemed a waiver of its rights.

18. ENTIRE MOA

This MoA contains the entire understanding of the two parties. There are no provisions, terms, conditions, or obligations oral or written, expressed or implied other than those contained therein.

19. EFFECTIVE DATE AND DURATION OF THE MOA

This MoA shall be effective from the date it is signed by the parties hereto. The duration of the MoA will be till March 31, 2024, from the effective date, unless or otherwise terminated earlier, as per Clause 21 of this MoA. The MoA duration could be extended after a mutual agreement before March 31, 2024.

20. AMENDMENT TO MOA

No amendment to this MoA shall be valid unless the same is made in writing jointly by the parties hereto or their authorized representatives and explicitly stating the same to be an amendment to this MoA.

21. TERMINATION OF MOA

- (1) During this term, the MoA may be treated as terminated on the happening of any of the events mentioned below:
 - (i) If any party hereto ("Breaching Party") commits a material breach of any term of this MoA and the Breaching Party is served with a notice by the non-breaching party, three months before the intended date of termination by the non-breaching party, and the Breaching Party has failed to cure the breach within the said period.

The termination of this MoA under the preceding provisions of this Clause shall be in addition to any other remedies and the right to seek compensation from the Breaching Party which the other Party may have.
 - (ii) If any event happens which will make the performance of this MoA impossible, including any force majeure event, including pandemic.
- (2) During the term of the MoA, the MoA can be terminated by either party giving the other party prior written notice of not less than ninety days of its intention to do so but without dishonoring any commitment entered into before the date of the termination notice.
- (3) Despite termination, the parties shall abide by the usual professional ethics and standard code of conduct to maintain the confidentiality of the information and intellectual property rights.

22. SETTLEMENT OF DISPUTE

Any dispute arising about or in connection with this MoA between the parties shall be resolved by mutual negotiations. In case of any unresolved conflict, the parties shall refer the said dispute for arbitration to the sole arbitrator appointed by the parties hereto. The decision of the arbitrator shall be final and binding on both parties. The Arbitration and Conciliation Act, 1996 shall apply to such arbitration. Such arbitration proceeding shall be held at Pune. The language of the arbitration shall be English.

IN WITNESS of which both the parties hereto have hereunto set their hands the date and year hereinabove mentioned.

**For and on behalf of
IISER Pune**

C. Harinath

Prof Harinath Chakrapani
PI of iRISE Programme
IISER Pune

**For and on behalf of
SRM University Delhi-NCR, Sonapat,
Haryana**

Samuel Raj

Prof. Samuel Raj
Registrar
SRMUH

Witnesses:

Mayur Khaire

1. Mr. Mayur Khaire
Head (PMU) iRISE
IISER Pune

Manoj Madhvan Kutty

2. Mr. Manoj Madhvan Kutty,
Director, IR & Administration
SRMUH

Annexure I

Proposal for Thought Leadership Forum



Annexure I-
Proposal for TLF on

Annexure II

SE/UC format



Annexure II A-
Utilization Certificat



Annexure II B-
Statement of Expen

Annexure III

Brand guidelines



Annexure
III-iRISE_Logo_and_

FILE NO. TAR/2021/000136
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, government of India)

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

Dated: 13-Jan-2022

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Dr. Sudip Kumar Haldar, SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-ncr, Sonapat – Kundli Urban Complex, Post Office Ps.rai, Sonipat, Sonapat, Haryana-131029- under the mentorship of Prof. Aditi Sen De, at Harish-Chandra Research Institute Chhatnag Road, Jhansi - 211019- Release of 1st grant.

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

The date of start of the project will be 10 December, 2021. 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

SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-ncr, Sonapat – Kundli Urban Complex, Post Office Ps.rai, Sonipat, Sonapat, Haryana-131029 (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 |

Harish-Chandra Research Institute Chhatnag Road, Jhansi - 211019 (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 SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-NCR, Sonapat – Kundli Urban Complex, Post Office P.S.Rai, Sonipat, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Harish-Chandra Research Institute Chhatnag Road, Jhansi - 211019 being the first installment of the grant for the year 2021-2022 for implementation of the said research project.

3. The expenditure involved is debit to

Fund for Science & Engineering Research (FSER)

This release is being made under Teachers Associateship For Research Excellence (TARE). (Condensed Matter Physics and Materials Science)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/6755/2021-2022 dated 05 January, 2022

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

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

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

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

SRM University, Plot no.39, rajiv gandhi education city delhi-ncr, sonapat – kundli urban complex, Post office p.s.rai, sonipat, Sonapat, Haryana-131029 (Parent) :

| | |
|------------------------------------|---|
| PFMS Unique Code | SRMUH |
| Account Name | SRM University Haryana |
| Account Number | 35723701835 |
| Bank Name & Branch | State Bank of India MLNS of sports Rai, Motilal Nehru Sports School, Village Rai, Sonapat, Haryana 131029 |
| IFSC/RTGS Code | SBIN006838 |
| Email address of PI | sudip.k@srmuniversity.ac.in |
| Email id of A/C Holder | registrar@srmuniversity.ac.in |
| 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:

Harish-Chandra Research Institute Chhatnag Road, Jhansi - 211019 (Host) :

| | |
|------------------------|---|
| PFMS Unique Code | HCRI |
| Account Name | HARISH CHANDRA RESEARCH INSTITUTE |
| Account Number | 30070100011078 |
| Bank Name & Branch | Bank of Baroda HCRI Branch, HRI Campus, Chhatang Road, Jhansi, Prayagraj 211019 |
| IFSC/RTGS Code | BARB0HRIALL |
| Email address of PI | sudip.k@srmuniversity.ac.in |
| Email id of A/C Holder | sudheerksingh@hri.res.in |
| Email id of Mentor | Prof. Aditi Sen De |

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/2021/000136 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 F
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. | (i) Dr. Sudip Kumar Halder Physics SRM University, Plot no.39, rajiv gandhi education city delhi-ncr, sonapat – kundli urban complex, Post office p.s.ra, sonipat, Sonapat, Haryana-131029 Email: sudip.k@srmuniversity.ac.in Mobile: 918420384043 (ii) Prof. Aditi Sen De Harish-Chandra Research Institute Chhatnag Road, Jhansi - 211019 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .) |
| 5. | (i) Vice Chancellor, SRM University, Plot No.39, Rajiv Gandhi Education City Delhi-NCR, Sonapat – Kundli Urban Complex, Post Office P.S.Rai, Sonipat (ii) Director Harish-Chandra Research Institute Chhatnag Road, Jhansi - 211019 (Receipt of Grant may be intimated by name to the undersigned) |


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



रेवती विश्वनाथ
Revathy Vishwanath
उप निदेशक
Deputy Director
Tel #011-26716690
E-mail: rpsicssr@gmail.com

Speed Post/By Hand
तीव्र डाक/ हस्ती

भारतीय सामाजिक विज्ञान अनुसंधान परिषद
Indian Council of Social Science Research
(शिक्षा मंत्रालय)
(Ministry of Education)
जेएनयू इंस्टीट्यूशनल एरिया, अरुणा असफ अली मार्ग
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. 02/59/GN/2021-22/ICSSR/RP/MJ

Dated:25-03-2022

To,

The Registrar
Guru Jambheshwar University of Science &
Technology, Hisar,
Haryana-125 001

Subject: Sanction of **Major Project** entitled “**Effectiveness and Accessibility of Pubic Service Delivery Across Information and Communication Technologies (ICTs) in Rural Development of Haryana**”, **Dr.Rajiv Kumar**, Associate Professor, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Research Major project submitted by **Dr.Rajiv Kumar**. Co-Project Directors of the study is: ---- **Dr. Pawan Kumar**, **Assistant Professor**, Faculty of Management, SRM University, Delhi-NCR, Sonipat, Haryana.
2. The ICSSR has sanctioned a grant-in-aid of **Rs.6,00,000** (Rupees Six Lakh Only) for the above research project and the grant will be released as follows:

| | | |
|--|---|----------------------|
| First instalment @40% | : | Rs./- 2,40,000/- |
| Second instalment @ 20% | : | Rs./- 1,20,000/- |
| Third instalment @ 10% | : | Rs./- 60,000/- |
| Fourth Instalment @10% | : | Rs./- 60,000/- |
| Final instalment @15% | : | Rs./- 90,000/- |
| Publication Grant* @ 5-6% | : | Rs./- 30,000/- |
| Total | : | Rs./-6,00,000 |
| Overhead charges over and above 5% or maximum Rs.1,00,000 | : | Rs./-30,000/- |

(* to be retained by the ICSSR. ICSSR would publish it subject to the 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 **Rs6,00,000** /- is enclosed.)

3. **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**).
4. In case, the study involves survey research, the finalized schedules/questionnaires (2 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,
5. **The Second instalment** will be released after receiving a satisfactory six/nine/ twelve months Progress Report (depending on the duration of the programme), simple statement of account of first

(Handwritten signature)

instalment, published peer reviewed journal, along with grant-in-aid bill towards the second instalment.

6. **The Third instalment** will be released will be released after receiving second Progress Report (depending on the duration of the programme), simple statement of accounts of the second instalment, along with grant-in-aid bill towards the third instalment.
7. **The Fourth Instalment** will be released after receiving book length Final Report in soft copy (both word and PDF format), Executive Summary of Final Report in soft copy (both word and PDF format). 500 words abstract of the Final Report in soft copy, research papers published in peer reviewed journals duly acknowledging ICSSR, similarity index score sheet, simple statement of accounts of third instalment along with grant-in-aid bill towards the fourth instalment. Project Director is required to submit hard copies of the Final Report only after the confirmation from the ICSSR after incorporating the suggested changes. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.
8. **The Publication Grant** will be retained by the ICSSR & will be spent by the ICSSR Publication Division if the Final report is found publishable by an Expert Committee constituted by the ICSSR.
9. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.
10. **Final Instalment** will be issued after receipt of recommendation of the expert for acceptance of the Final Report, Audited statement of accounts (AC) in prescribed format with utilization certificate (UC) in GFR-12A form for the entire approved project amount duly signed by the Finance Officer/Registrar /Director of the affiliating Institution, verification of all documents and decision on retaining of equipment and books etc. The institutions of which the accounts are not audited by CAG/AG, their utilisation certificate will be signed by the Finance Officer and a chartered accountant.
11. The Overhead Charges to the affiliating institution will be released after the Final Report has been accepted and documents verified by the ICSSR. The ICSSR reserves the right to change the affiliation if it is found that the affiliating institute is not co-operating with the scholar and it is not facilitating timely completion of the study.
12. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads and relevant rules. Audited Statement of accounts with Utilization Certificate in GFR of 12A form is for the entire project amount approved for the project.
13. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **overhead charges @5%** over and above or maximum **Rs.1,00,000** of the total expenditure incurred on the project only after successful completion of the project.
14. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
15. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
16. The Director of the research project will be **Dr. Rajiv Kumar** who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **15th March 2022** as intimated by the scholar.
17. 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.
18. All grants from ICSSR are subject to the general provision of GFR 2017.

19. 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 **Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org**
20. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.**
21. All project instalments will be transferred through **Public Finance Management System (PFMS)** and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.
22. As per MoE (Ministry of Education) 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.
23. Any instalment release is subject to availability of grant, and satisfactory progress report of the scholar. Mere award of the study does not entitle the scholar for the release of any of the instalments.

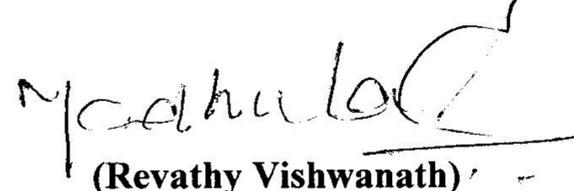
Yours faithfully,

(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. **Dr. Rajiv Kumar, Associate Professor,**
F-13, Haryana School of Business,
Guru Jambheshwar University of Science &
Technology, Hisar, Haryana-125 001
24. **Dr. Pawan Kumar, Assistant Professor,**
Faculty of Management,
SRM University, Delhi-NCR,
Sonipat, Haryana-131 029
2. **Finance Branch, ICSSR, New Delhi**
3. **Record file**

for 
(Revathy Vishwanath)
For MEMBER-SECRETARY

Title: **Effectiveness and Accessibility of Public Service Delivery Across Information and communication Technologies (ICTs) in Rural Development of Haryana.**

By: **Dr. Rajiv Kumar**

| S.No | Heads of Expenditure | Value (Rs.) |
|------|--|--|
| 1 | Project Director/Co-PD | |
| 2 | Research Staff: Full time/part time/Hired services | Not exceeding 45% of the total budget. |
| 3 | Field work | Not exceeding 35% |
| 4 | Equipment and study material | Not exceeding 12% |
| 5 | Contingency | Not exceeding 5% |
| 6 | Publication of report - | approx.5-7% |
| | Grand Total | ICSSR will finally make it 100% |
| | Affiliating Institutional overheads over and above the grand total | (Affiliating Institutional overheads @ 5% of the approved budget, subject to a maximum upper limit of Rs.1,00,000/-) |

* The five percent (5-7%) publication amount will be spent by the ICSSR Publication Division if the Final report is found publishable by an Expert Committee constituted by the ICSSR.

- **Remuneration and Emoluments of Project Staff**

(a) Project staff could be engaged by the Project Director on a full/ part-time basis during the research work and the duration/consolidated monthly emoluments of their employment may be decided by the project director within the limits of the sanctioned financial allocation and as per the ICSSR rules (b) Research Associate @Rs.20, 000/- p.m. (Qualification – Post graduate in any social science discipline with minimum 55% marks and NET/SLET /M.Phil/Ph.D)(c) Research Assistant @Rs.16, 000/- p.m.(Qualification-Ph.D./M.Phil./ Post graduate in social science discipline with minimum 55% marks)(d) Field Investigator @ Rs.15, 000/-p.m. (not exceeding 6 months) (Qualification- Post graduate in any social science discipline with minimum 55% marks)(e).Retrospective payment for work already done is not permissible.
- **Re-appropriation:** The Project Investigator may with the permission of the Institution, re-appropriate expenditure from one sub-head to another, subject to a maximum of 5-7 % of the particular budget heads. If the study necessitates re-appropriation beyond 7%, it may be done only after the approval of the ICSSR
- **Selection of Research Staff** should be done through an advertisement and a selection committee consisting of (1) Project Director; (2) One outside Expert (other than the institute where the project is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department)/Dean of relevant faculty duly approved by the competent authority.
- **For all field work related expenses** of Project Director, Co-Director and project personnel, rules pertaining to affiliating institutes shall be followed.
- **All equipment and books** purchased out of the project fund shall be the property of the affiliating institutions. On completion of the study, the Project Director shall submit an undertaking in this regard. The ICSSR, however, reserves the right to take charge of equipment and books, if it thinks it fit in a case.
- **Purchase of equipment/ assets** for the research Project is permissible only if it is originally proposed and approved by the ICSSR and does not exceed the permissible amount.
- The scholar should acknowledge the support of ICSSR in all publications resulting from the programme output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and even after completion.

Rajiv Kumar

Year wise details of Budget: (in Rs.)

Title of the Project: “Re-purposing of drugs for the improvement of treatment against Visceral Leishmaniasis with the aim of averting the emergence of PKDL”

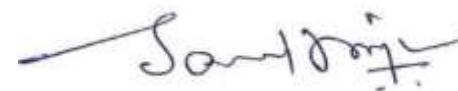
Justification for Consumables, and Contingency:

Cell culture, Media, FBS, and cell culture related accessories, FDA approved drugs. Pharmacokinetics and pharmacodynamics studies, Materials for genotypic characterization, Genotoxicity studies, consumables for *in vivo* experiments Books, journals, publication fees (in conference proceedings, open access journals such as scientific reports), Printer cartridges and stationary expenses, etc., will be required for execution of the objectives. In addition, the approved budget for contingency will be used towards stationary expenses to prepare technical, and progress reports.

| Budget Heads | Year 1 | Year 2 | Total |
|---|---------------|---------------|--------------|
| Consumables, Contingency, and Manpower | 41,44,000 | 42,68,400 | 84,12,400.00 |

Justification for Manpower:

Since the proposed project is focusing on re-purposing of drugs approaches for the improvement of the therapy against visceral Leishmaniasis. In addition to the improvement of the existing therapy, it is expected to develop a novel, safe and effective therapy against visceral leishmaniasis and shorten the therapy to prevent PKDL (*in vitro & in vivo*); an experienced JRF only will be able to do the proposed work on full time. One JRF is required at SRM University in Delhi-NCR, Sonepat, and the other is needed at RMRI Patna. Hence, two Junior Research Fellow requested as manpower as per the ICMR norms. Without the JRF, it is extremely difficult to carry out the proposed work in the given timelines.



6th January, 2022

Signature of Principal Investigator

DEAN ACADEMICS
SRM University Haryana
Plot No. 39, R.G.E.C. Rai,
Sonepat-131029(HR.)



ICMR
INDIAN COUNCIL OF
MEDICAL RESEARCH

भारतीय आयुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

No. 6/9-7(275)/KA/2021/ECD-II

Dated: 02.2022

To,

The Registrar
SRM University, Delhi-NCR Sonapat
Plot No.39, R.G.E.C., P.S. Rai,
Sonapat -131029(HR)

Subject:-Sanction and budget allotment for the New Schemes Entitled:- “Re-purposing of drugs and nanoparticle approaches for the improvement of treatment against Visceral Leishmaniasis with the aim of averting the emergence of PKDL” Under Prof. Samuel Raj Vethakkani, Prof. and Dean Academics, SRM University, Delhi-NCR Sonapat, Plot No.39, R.G.E.C., P.S. Rai, Sonapat -131029 (HR).

Sir,

The Director General of the Council sanctions the above mentioned research scheme initially for a period of **One Year** subject to extension upto the total duration specified in para 3(3) below.

The Director General of the Council also sanctions the budget allotment of **Rs. 35,13,289/- (Rupees Thirty Five Lakh Thirteen Thousand Two Hundred Eighty Nine Only)** as detailed in the attached statement for the period w.e.f **02.03.2022** year ending on **01.03.2023** during the current financial year **2021-22**.

The grant-aid will be given subject to the following conditions:-

1. The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed Performa attached.
2. The staff appointed on the project should be paid as indicated in the budget statement attached.
3. The approved duration of the scheme is for **2 Years**. The annual extension will be given after review of the work done on the scheme during the previous year.
4. Fifteen copies of the Annual Progress Report of work done be submitted to the Council every year after completion of ten months of the project. Failure to submit the report in time may lead to termination of the project.

Cont./2

5. The institute will maintain a **Separate Saving Bank Account** of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant.
6. **The grant shall be utilized after following provision laid down in GFR-2017 and TA rules.**
7. The other terms and conditions are indicated in the website of ICMR (www.icmr.nic.in) for "Guidelines for operation of projects for Grantees of ICMR's Extramural Research Projects". The receipt of this letter may please be acknowledged.
8. You are advised to seek concurrence of the council before disseminating the findings to journal, media or repositories."

Yours faithfully,

Ved Prakash
21/2/2022
Ved Prakash
Administrative Officer

No. 6/9-7(275)/KA/2021/ECD-II

Copy to:-

1. Prof. Samuel Raj Vethakkani, Prof. and Dean Academics, SRM University, Delhi-NCR Sonapat, Plot No.39, R.G.E.C., P.S. Rai, Sonapat (HR)-131029.
2. Copy together with a copies of the budget statement forwarded to the **Accounts Section-V, ICMR** for information and necessary action.
RFC No.(P-28)/ECD/Adhoc/52/2021-22 dated 9.02.2022
3. Mrs. Vandana, Sr. Technical Officer-II, ICMR
4. IRIS ID No-2020-10017

Administrative Officer

वी रामलिंगस्वामी भवन, पोस्ट बॉक्स नं 4911,
अंसारी नगर, नई दिल्ली - 110 029, भारत
V Ramalingaswami Bhawan, P.O. Box No. 4911,
Ansari Nagar, New Delhi - 110 029, India

Tel: +91 11 26588935 / 26588940 / 26588944
+91-11-26589336 / 26588707
Fax: +91 11 26588662 | icmr.nic.in

BUDGET for the 1st year
Period From 02.03.2022 to 01.03.2023

Re-purposing of drugs and nanoparticle approaches for the improvement of treatment against Visceral Leishmaniasis with the aim of averting the emergence of PKDL” under Prof. Samuel Raj Vethakkani, Prof. and Dean Academics, SRM University, Delhi-NCR Sonapat (HR)-131029 Haryana.

| S. No. | Particulars | 1 st Year |
|--------|--|----------------------|
| 1. | Staff | |
| | JRF (TWO)@31000/-+HRA9%=33,790/- | 8,10,960/- |
| | Total | 8,10,960/- |
| 2. | Recurring (Contingencies) | |
| | Cost of Publication Charges (in conference, open access journals like scientific reports), etc | 2,00,000/- |
| | Workshop and organizing project meetings. | 3,50,000/- |
| | Purchase of computer Software accessories, software, printer cartridge and stationary expenses to keep of the project, and prepare technical reports | 2,50,000/- |
| | Total | 8,00,000/- |
| 3. | Consumables | |
| | 96 Well plate-100/pk, roller bottles, and syringe filters | 56,859/- |
| | 24 well plate-100/pk, coverslips, and cell counter | 56,396 |
| | 6 well plate-100/pk, and CO ₂ Gases | 50,531/- |
| | T-25 flask-200/pk, Syringes and needles | 80,797/- |
| | T-75flask-200/pk, reagents, and supplementary components | 94,264/- |
| | Serological pipettes and pipettors | 50,000/- |
| | 100 mm plate-480/pk, and membrane filter assembly | 53,570/- |
| | Cell scraper and Haemocytometer | 40,403/- |
| | Cryo vials-500/pk | 54,098/- |
| | Cell culture media, FBS, etc. | 2,80,000/- |
| | FDA approved drugs | 3,50,000/- |
| | Materials for genotypic characterization, | 1,50,000/- |
| | Consumables for in vivo experiment | 4,40,000/- |
| | Miscellaneous cost, etc. | 43,082/- |
| | Total | 18,00,000/- |
| 4. | Overhead@3% | 1,02,329/- |
| | Sub Total 1+2+3+4 | 35,13,289/- |

Samuel
21/7/2022

Ved Prakash
Administrative Officer

No. 6/9-7(275)/KA/2021/ECD-II
RFC No.(P-28)/ECD/Adhoc/52/2021-22 dated 9.02.2022
IRIS ID No-2020-10017



No. 6/9-7(275)/KA/2021/ECD-II

Dated: 02.2022

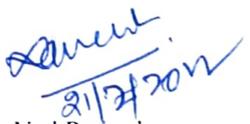
Subject:-Payment of 1st& Final installment for the 1st Year grant-in-aid for the research scheme entitled, Re-purposing of drugs and nanoparticle approaches for the improvement of treatment against Visceral Leishmaniasis with the aim of averting the emergence of PKDL" Under Prof. Samuel Raj Vethakkani, Prof. and Dean Academics, SRM University, Delhi-NCR Sonapat -131029 (HR).

MEMORANDUM

The Director-General, ICMR sanctions the payment of **Rs. 35,13,289/- (Rupees Thirty Five Lakh Thirteen Thousand Two Hundred Eighty Nine Only)** as the **1st& Final installment** for the **1st Year** grant for incurring expenditure in connection with the above mentioned research scheme. The amount **Rs. 35,13,289/-** may be debited in the provision of **Rs. 35, 13,289/-** made for the above mentioned research scheme for the current financial year-2021-22.

A formal bill for **Rs. 35,13,289/-** is sent herewith for payment by **RTGS** to **The Registrar, SRM University, Delhi-NCR Sonapat -131029 (HR)**.

Yours faithfully,


Ved Prakash
Administrative Officer

Accounts Section, ICMR.

1. The Registrar, SRM University, Delhi-NCR Sonapat -131029 (HR).
2. Prof. Samuel Raj Vethakkani, Prof. and Dean Academics, SRM University, Delhi-NCR Sonapat -131029 (HR).
3. Mrs. Vandana Sr. Technical Officer-II, ICMR
4. IRIS ID No-2020-10017

Administrative Officer

Headquarters Institution

- Center for the Study of Poisons and Venomous Animals - (CEVAP-UNESP). University Paulista State “Júlio de Mesquita Filho” (UNESP) (SP)

Partner institutions

- Faculty of Pharmaceutical Sciences of Ribeirão Preto (FCFRP), University of São Paulo Paul – USP (SP)

- Adolfo Lutz Institute (SP)

- Biological Institute of São Paulo (SP)

- Institute of Infectology Emilio Ribas (SP)

Associated and Collaborating Research Institutions

- State Department of Health of the State of São Paulo (SP)

- Secretary of Entrepreneurship and Innovation of the Ministry of Science, Technology and Innovations (SEMPI/MCTI), Federal Government

- Sindusfarma

- Katholieke Universiteit Leuven – KUL (Belgium)

- **SRM University Delhi-NCR, Sonapat, Haryana (India)**

- Brazilian Academy of Pharmaceutical Sciences/ National Academy of Pharmacy

- Faculty of Medicine of Botucatu - (FMB-UNESP) (SP)

- Clinical Research Unit (UPECLIN-UNESP) (SP)

- Hospital das Clínicas of the Faculty of Medicine of Botucatu (HCFMBB-Department of Health) (SP)

- Butantan Institute (SP)

- Federal University of Roraima – UFRR (RR)

- Ruruima Institute - UFRR (RR)

- Instituto Vital Brasil (IVB) – Niterói (RJ)

- Pan-American Center for Foot-and-Mouth Disease - Pan American Organization of Health/World Health Organization (RJ) Panaftosa – PAHO / WHO

Summary

Technological advances continually arise to improve discovery, rational modification, production and purification of biopharmaceuticals. The identification of different species of microorganisms from Brazilian biodiversity, using innovative strategies, should be carried out with a view to discovery of alternative hosts for heterologous expression. The Center for the Study of Poisons and Venomous Animals (CEVAP) – UNESP Translational Research Unit – since its foundation prospects and develops candidate molecules for the production of biopharmaceuticals. Two bioproducts named respectively “Fibrin Sealant” and “Anti-Apilic Serum” were developed by our team and have already crossed the “Valley of Death”, awaiting investments for phase III clinical research and subsequent registration at ANVISA for its distribution in the Unified Health System (SUS) network. To attend the last stage of phase III research the product requires Good Manufacturing Practices. To get around this challenge the researchers submitted to the Ministry of Health the construction of the Pilot Lot Factory of Biopharmaceuticals for Clinical Research, unique in Latin America, which was approved and tendered by UNESP in August 2021 in the amount of **BRL 12,222,222.20**.



SAGe

Sistema de Apoio à Gestão do Fomento

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[Requests](#)

Ramendra Pati Pandey

Visualize process contents

To access the documents attached to the process, select the "Documents" tab to download to the files.

| | | |
|---|--|------------------------|
| Process | <u>2021/11936-3</u> | Additional Information |
| Funding Line | Special Programs / PCD - Programa Ciência para o Desenvolvimento / PCD - CCD - Centros de Ciências para o Desenvolvimento - Call for Proposal (2021) | |
| Status | In Progress | |
| Duration | 01/01/2023 to 12/31/2027 | |
| Beneficiary | Benedito Barraviera | |
| Principal Investigator or Supervisor | Benedito Barraviera | |
| Host Institution | Centro de Estudos de Venenos e Animais Peçonhentos/CEVAP/UNESP | |
| Title | CENTER FOR TRANSLATIONAL SCIENCE AND BIOPHARMACEUTICAL DEVELOPMENT | |
| | | |

| | | | |
|---|--|--|-------------|
| Type of Funding | Grant / Award | | |
| Funding Line | Special Programs / PCD - Programa Ciência para o Desenvolvimento / PCD - CCD - Centros de Ciências para o Desenvolvimento / Call for Proposal (2021) | | |
| Beneficiary | Benedito Barraviera | | |
| Principal Investigator or Supervisor | Benedito Barraviera | | |
| Start Date | 01/01/2023 | Duration | 60 month(s) |
| Host Institution | Research Institution / Company: | Centro de Estudos de Venenos e Animais Peçonhentos/CEVAP/UNESP | |
| | Department: | Unidade Complementar da UNESP | |
| Start Date | 15/10/2021 | | |
| Research Category | Basic research with the main goal of advancing fundamental knowledge, but whose results have potential for technological applications. | | |
| Electronic Forms: Research Project | | | |

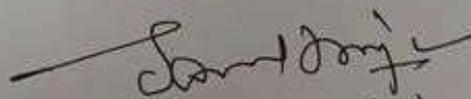
TRANSLATIONAL SCIENCE CENTER AND DEVELOPMENT OF BIOPHARMACEUTICALS

Headquarters Institution

- Center for the Study of Poisons and Venomous Animals - (CEVAP-UNESP), University Paulista State "Júlio de Mesquita Filho" (UNESP) (SP)
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- Sindusfarma
- Katholieke Universiteit Leuven - KUL (Belgium)
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Technological advances continually arise to improve discovery, rational modification, production and purification of biopharmaceuticals. The identification of different species of microorganisms from Brazilian biodiversity, using innovative strategies, should be carried out with a view to discovery of alternative hosts for heterologous expression. The Center for the Study of Poisons and Venomous Animals (CEVAP) - UNESP Translational Research Unit - since its foundation prospects and develops candidate molecules for the production of biopharmaceuticals. Two bioproducts named respectively "Fibrin Sealant" and "Anti-Apilic Serum" were developed by our team and have already crossed the "Valley of Death", awaiting investments for phase III clinical research and subsequent registration at ANVISA for its distribution in the Unified Health System (SUS) network. To attend the last stage of phase III research the product requires Good Manufacturing Practices. To get around this challenge the researchers submitted to the Ministry of Health the construction of the Pilot Lot Factory of Biopharmaceuticals for Clinical Research, unique in Latin America, which was approved and tendered by UNESP in August 2021 in the amount of **BRL 12,222,222.20**.



REGISTRAR
SRM University, Delhi-NCR Sonapat,
Plot no. 39, R.G.E.C., P.S. Rai,
Sonapat (HR.)- 131029



Visualize process contents

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| | | |
|--------------------------------------|--|------------------------|
| Process | 2021/11936-3 | Additional Information |
| Funding Line | Special Programs / PCD - Programa Ciência para o Desenvolvimento / PCD - CCD - Centros de Ciências para o Desenvolvimento - Call for Proposal (2021) | |
| Status | In Progress | |
| Duration | 01/01/2023 to 12/31/2027 | |
| Beneficiary | Benedito Barraviera | |
| Principal Investigator or Supervisor | Benedito Barraviera | |
| Host Institution | Centro de Estudos de Venenos e Animais Peçonhentos/CEVAP/UNESP | |
| Title | CENTER FOR TRANSLATIONAL SCIENCE AND BIOPHARMACEUTICAL DEVELOPMENT | |

| | |
|---|---|
| Type of Funding | Grant / Award |
| Funding Line | Special Programs / PCD - Programa Ciência para o Desenvolvimento / PCD - CCD - Centros de Ciências para o Desenvolvimento / Call for Proposal (2021) |
| Beneficiary | Benedito Barraviera |
| Principal Investigator or Supervisor | Benedito Barraviera |
| Start Date | 01/01/2023 |
| Host Institution | Duration 60 month(s) Centro de Estudos de Venenos e Animais Peçonhentos/CEVAP/UNESP |
| Start Date | Research Institution / Company: Unidade Complementar da UNESP |
| Research Category | Department: 15/10/2021 Basic research with the main goal of advancing fundamental knowledge, but whose results have potential for technological applications. |

Technology Bhavan
New Mehrauli Road
New Delhi- 110 016
Dated: 18.05.2016

ORDER

Subject "REGIONAL INNOVATION SCIENCE HUBS FOR Innovators"

Sanction of the President is accorded for the grant of Rs.16,83,880/- (Rupees Sixteen Lakh Eighty Three Thousand Eight hundred Eighty only) to SRM University Haryana, Sonapat for REGIONAL INNOVATION SCIENCE HUBS FOR Innovators" under the following budget head with an amount released Rs. 13,47,104.00 (Thirteen Lakhs Forty Seven Thousand One Hundred Four only). The budget details are as follow

| Sr No | Item | Amount Sanctioned |
|--|---|---------------------|
| A. Non Recurring (Infrastructure) | | |
| 1 | Library | |
| 2 | Laboratory/Workshop | 1,00,000.00 |
| | Total(A) | 2,00,000.00 |
| B. Recurring Expenditure | | |
| 3 | Fellowship for 25 students in 2 batches x 2 years | 5,00,000.00 |
| 4 | Project Staff (Project Scientist & Technician) | 5,40,000.00 |
| 5 | Honorarium to Expert and mentors | 80,000.00 |
| 6 | Travel Expenses | 70,000.00 |
| 7 | Advertisement Expenses | 65,000.00 |
| 8 | Contingency Exp., Stationery, Publication etc. | 67,380.00 |
| 9 | Overhead | 47,500.00 |
| | Total(B) | 13,83,880.00 |
| | Total(A + B) | 16,83,880.00 |

2. The sanction of this grant is subject to the terms and conditions specified in the enclosed annexure. It is further subject to the following conditions:-
- (i) The duration of the programme will be 2 years from the date of sanction of the project.
 - (ii) That any publicity material/invitation cards/banners/handouts/brochures etc., brought out and used during the course of the project will have a mention in bold letter "Catalysed and supported by NCSTC, DST, New Delhi."
 - (iii) As per rule 211(1) of GFRs, the accounts of all Grantee institution shall be open for inspection by the sanctioning authority/audit, whenever the institute is called upon to do so.
 - (iv) Feedback will be obtained from young scientists, guide teachers and judges. These will be analyzed and the forms along with their analyses will be sent as part of the completion report with critical analysis about the activity should be submitted along with the Progress Report.
 - (v) Photographs of all supported events together with write up of the activities may be submitted as soon as the event is over.
3. The provision of GFR 212 (1) relating to Utilisation Certificates not applicable at this stage this being the first instalment.
4. It is mandatory to return one copy of the sanction with the following endorsement. The project with the above objectives, time frame, sanctioned cost and other conditions is



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

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Dhirendra Bansal
Senior Principal Scientist

Ref No. SYM/12395/23-HRD
March 04, 2024

Prof V Samuel Raj
Director (C4D) & Dean Academic Affairs
Dept. of Biotechnology and Microbiology
SRM University Delhi-NCR, 39, Rajiv Gandhi Education City Sonapat, Haryana-131 02

SUBJECT: Antimicrobial Resistance, Novel Drug Discovery and Vaccine Development: Challenges and Opportunities during Mar 18-20, 2024 at India Habitat Centre, New Delhi

Dear Prof Raj

With reference to your application on the above subject, we are happy to inform you that Director General, CSIR has been pleased to sanction a grant of **Rs.50000/- (Rupees Fifty Thousand Only)** subject to the following conditions:

1. The grant received from CSIR should be duly acknowledged by email along with a certificate that the grant would be specifically utilized for the purpose for which it has been sanctioned.
2. The grant may be reimbursed within four months from the date of Conference/Seminar/Workshop etc. is over by filling-in the Grant-in-Aid Bill Form in duplicate duly signed and rubber stamped by the concerned officials, indicating clearly the designation of the official along with Audited Statement of Expenditure for release of grant. Current Proforma for Grant-in-aid bill, Audited Statement of Expenditure and NEFT are available on our website <http://csirhrdg.res.in/Home/Index/1/InPage/53/14>. If any Utilization Certificates of Previous Grant for symposia (as per Col.No. 15 of the Application Proforma) is not submitted till date, please attach copies of Utilization Certificates also. Any claim received beyond 4 months will be entertained only in exceptional cases subject to submission of reasons for delay, duly forwarded through Head of the Organization. In no case, the claim will be entertained after 6 months. All the pages of above documents should be self attested by the organizer.
3. Invitation cards should be sent to the Director General, CSIR and Head, HRDG. CSIR may nominate three scientists for the above event and registration fee should not be charged from them. In case of nomination, the Head, HRDG or the undersigned would issue a letter with a copy to the nominee(s).
4. Softcopy (preferably in Pen Drive/CD/ DVD in PDF format) of the full paper proceedings of above event should be sent to the undersigned.
5. An overall activity report by the Convener / Organizing Secretary should be made available to us with regard to outcome of the gathering, the recommendations and plan of action for future. The names, addresses & email IDs of the participants / delegates should also be sent immediately after the event.

Yours sincerely,

(Dhirendra Bansal)

Copy to: Audit (EMR) HRDG