

**SERB-Notification**

1 message

Wed, Feb 27, 2019 at 11:50 AM

SERB\_Administrator@serbonline.in <SERB\_Administrator@serbonline.in>

To: "info@serbonline.in"@imsva02.cdacnoida.in



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

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)  
 (Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor  
 Vasant Square Mall  
 Sector-B, Pocket-5  
 Vasant Kunj  
 New Delhi - 110 070

**Approval Letter**

File Number: MTR/2018/000931

Dated: 27-Feb-2019

Subject: Project titled "STUDIES ON STABILITY AND CONTROL OF MULTI AGENT SYSTEMS"

Dear Dr. Syed Ali,

The project cited above has been recommended by the related **Mathematical Research Impact Centric Support (MATRICS)** to the Science and Engineering Research Board (SERB) for funding. The following are the approved items for a period of three years.

Sl. No.	Budget Head	Amount
1.	Research Grant	Rs. 2,00,000/- per annum
2.	Overheads	Rs. 20,000/- per annum

1. Go to [www.serbonline.in](http://www.serbonline.in) through your credentials.
2. Go to Menu --> Proposal submission --> View submitted proposals.
3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI"

Kindly upload RTGS details of the implementing institute to facilitate transfer of the fund as per the template. A certificate stating that any visit abroad for a period more than eight week would be undertaken after due permission from SERB, may also be submitted.

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees

*Syed*  
**VICE-CHANCELLOR**  
**THIRUVALLUVAR UNIVERSITY**  
**SERKADU, VELLORE - 632 115.**

भारत सरकार Government of India  
परमाणु ऊर्जा विभाग Department of Atomic Energy  
आरएंडडी-II अनुभाग R&D-II Section

अणुशक्ति भवन Anushakti Bhavan

छ. शि. म. मार्ग C.S.M. Marg,

मुंबई Mumbai - 400 001.

दु.क्र.Tel: 022-22862763

ईमेल Email: [rd2@dae.gov.in](mailto:rd2@dae.gov.in)

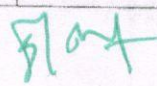
सं.No02011/10/2019एनबीएचएम(आर.पी)NBHM(R.P)/आरएंडडी R&D II/1242 Date: 28/11/2019

आदेश ORDER

डॉ. आर. समिदिउरै, थिरुवल्लुवर, वेल्लोर-632 115 के तहत " Dynamical Behaviours of Complex-Valued Neural Networks with Time - Varying Delays" शीर्षक की अनुसंधान परियोजना हेतु वित्तीय सहायता के लिए राष्ट्रीय उच्चतर गणितीय बोर्ड की सिफारिश के संबंध में विभाग का प्रशासनिक अनुमोदन इसके द्वारा सूचित किया जाता है। उक्त परियोजना हेतु कुल अनुदान की राशि Rs.13,29,100/- होगी, जो निम्नानुसार है:

On the recommendation of the National Board for Higher Mathematics (NBHM), the administrative approval of this Department is hereby conveyed for grant of financial assistance to the Research Project entitled "Dynamical Behaviours of Complex-Valued Neural Networks with Time - Varying Delays" under Dr. R. Samidiurai, Asstt. Professor, Department of Mathematics, Thiruvalluvar University, Vellore-632 115 for 3 years. The total grant for the project will be ₹13,29,100/-(Rupees Thirteen Lakh Twenty Nine Thousand One Hundred Only) as under :-

क्र.स. Sr. No.	मद Items	प्रथम वर्ष 1st Year (Rs.)	द्वितीय वर्ष 2nd Year (Rs.)	तृतीय वर्ष 3rd Year (Rs.)	कुल Total (Rs.)
1	प्रथम दो वर्षों के ₹ 25000 और तृतीय वर्ष के लिए ₹ 28000 प्रति जेआरएफ One JRF @ ₹ 25000/- p.m. for first two years and @ ₹ 28000/- p.m. for third year.	3,00,000	3,00,000	3,36,000	9,36,000

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

2	पुस्तकालय अनुदान Library Grant	25,000/-	20,000/-	20,000/-	65,000/-
3	कंप्यूटर हार्डवेयर Computer Hardware	90,000/-	-	-	90,000/-
4	घरेलू यात्रा Domestic Travel *	30,000/-	30,000/-	30,000/-	90,000/-
5	उप कुल (उक्त 1 से 4 तक का योग) Sub Total (sum of 1 to 4 above)	4,45,000	3,50,000	3,86,000	11,81,000
6	उक्त क्रम सं. 5 के 10% की दर से उपरि ब्यय Over head @ 10% of the above	44,500/-	35,000/-	38,600/-	1,18,100/-
7	प्रधान अन्वेषक के लिए आकस्मिकताएं Contingencies for Principal Investigator	10,000/-	10,000/-	10,000/-	30,000/-
	कुल योग Grand Total:	4,99,500	3,95,000	4,34,600	13,29,100

\* टिप्पणी Note: 1. विदेशी यात्रा की अनुमति नहीं है। No foreign travel permitted.

2. घरेलू/अंतर्राष्ट्रीय फ्लाइट में दैनिक भत्ता नहीं दिया जाएगा। No DA on domestic / International flight can be given.

2. प्रथम वर्ष के लिए ₹1,99,500/- व्यय हेतु मंजूरी भी सूचित की जाती है। निवेदन किया जाता है कि परियोजना पर नियुक्त जेआरएफ के लिए अध्येता वृत्ति और आकस्मिक व्यय के लिए प्रधान अन्वेषक द्वारा दावा किया जाय।

Sanction is also conveyed to the expenditure of ₹1,99,500/- (Rupees One Lakh Ninety Nine Thousand Five Hundred Only) for the 1<sup>st</sup> year. The Principal Investigator is required to claim the fellowship for the JRF on the appointment of the fellow in the project.

3. प्रथम वर्ष के लिए ₹ 1,99,500/- की राशि रजिस्ट्रार, थिरुवल्लुवर, वेल्लोर-632 115 को निम्नलिखित बैंक विवरण के अनुसार वाया ट्रांसफर द्वारा जारी की जाए :

The sanctioned grant of ₹ 1,99,500/- (Rupees One Lakh Ninety Nine Thousand Five Hundred Only) for the 1<sup>st</sup> year may please be released by wire transfer/online transfer to Registrar, Thiruvalluvar University, Vellore -632 115, as per bank details as follows:

5/10/24  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
THIRUKADU, VELLORE - 632 115.

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
THIRUKADU, VELLORE - 632 115

बैंक खाता सं. Bank Account No	: 248401000000069
बैंक का नाम Bank Name	: Indian Overseas Bank
बैंक की शाखा Bank Branch	: Serkadu
आईएफएससी कोड IFSC Code	: IOBA0002484
बैंक खाता धारक Account Holder	: The Registrar, Thiruvalluvar University

4. व्यय को निम्नानुसार नामें किया जाए The expenditure is debitable to:

अनुदान सं. Grant No.	: 04-परमाणु ऊर्जा Atomic Energy
लेखा का मुख्य शीर्ष Major Head of Accounts	: 3401-परमाणु ऊर्जा अनुसंधान Atomic Energy Research
लेखा का लघु शीर्ष Minor Head of Accounts	: 00 004-अनुसंधान एवं विकास Research & Development
लेखा का उप शीर्ष Sub Head of Accounts	: 27 02-अनुसंधान सहायता Research Support
लेखा का विस्तृत शीर्ष Detailed Head of Accounts	: 31-सहायता अनुदान (सामान्य) Grant-in-aid (General)
वित्तीय वर्ष Financial Year	: 2018-19

5. इसे आंतरिक वित्त सलाहकार की सहमति से जारी किया जाता है।

This is issued with the concurrence of IFA.

*Sudha*  
28/01/19

(सुधा जी नायर/Sudha G. Nair)

अनुभाग अधिकारी (आरएंडडी-II) Section Officer (R&D-II)

भुगतान एवं लेखा अधिकारी पऊवि, मुंबई

Pay & Accounts Officer, DAE, Mumbai

*Sudha*

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115

सं.No.02011/10/2019 एनबीएचएम(आर.पी)NBHM(R.P)/आरएंडडी R&D III/1242 Date: 28/11/2019

प्रतिलिपि Copy to :

1. लेखा परीक्षा निदेशक, वैज्ञानिक विभाग, आईएपी, वाणिज्य एवं विविध II, पऊवि, मुंबई-400 001  
The Director of Audit, Scientific Department, AEAP, Commerce & Misc.II, DAE, Mumbai - 400 001.
2. सदस्य सचिव मुंबई, पऊवि, एनबीएचएम, Member Secretary, NBHM, DAE, Mumbai - 400 001
3. सहायक लेखा अधिकारी (सी.सी.) मुंबई, पऊवि, AAO (CC), DAE, Mumbai - 400 001.
4. Dr. R. Samidiurai, AP, Dept. of Mathematics, Email : [samidurair@gmail.com](mailto:samidurair@gmail.com);
5. Registrar/Director, Thiruvalluvar University, Vellore-632 115

- हायता अनुदान निम्नलिखित शर्तों के तहत जारी किया जाता है the grant in aid is subject to the following conditions:

- (a) सहायता अनुदान की वास्तविक राशि जो जारी की जाती है, वास्तविक व्यय की सीमा तक, बशर्ते बोर्ड द्वारा अधिकतम राशि की संस्वीकृति प्राप्त हो। The actual amount of grant-in-aid that would be released will be limited to the actual expenditure subject to the maximum recommended by the Board.
- (b) सामान्य वित्तीय नियमावली के नियम 43 के अनुसार संस्वीकृति आदेश के बारह माह की अवधि के दौरान यदि पूरा अथवा उसके किसी भाग का भुगतान नहीं होता है तो संस्वीकृति समाप्त हो जाएगी।

In accordance with Rule 43 of the General Financial Rules, this sanction will lapse if no payment in whole or part is made during a period of twelve months from the date of issue of the sanction order.

- (c) "उपरि व्यय" के तहत संस्वीकृत राशि से परियोजना के लेखों की लेखा परीक्षा करने हेतु लेखा परीक्षक/चार्टर्ड अकाउन्टेन्ट को देय शुल्क हेतु परियोजना की सामान्य प्रशासनिक आवश्यकताओं के संबंध में राशि व्यय करने हेतु प्रधान अन्वेषक को प्राधिकृत करता है।

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115

5/10/19  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

The Principal Investigator is authorized to incur the expenditure towards the general administrative requirement of the project and towards fees payable to Auditor/Chartered Accountant for audit of accounts of the project, from the funds sanctioned under "overhead" for the project.

- (d) दूसरे वर्ष में अनुदान को पूर्णतः (गत वर्ष के अप्रयुक्त शेष को समायोजित किया जाएगा) राशि को, निम्नलिखित दस्तावेजों के साथ बिल की दो प्रतियों सहित विहित फार्म-II की प्राप्ति पर जारी किया जाएगा।

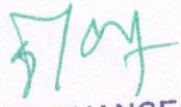
Grant for the 2<sup>nd</sup> year will be released in FULL (unspent balance of previous year will be adjusted) on receipt of the bill IN DUPLICATE in prescribed FORM-II along with the following documents.

- (i) लंबित वर्ष के लिए अप्रयुक्त प्रमाणपत्र (फार्म-III) Utilization Certificate
  - (ii) (FORM-III) for the preceding year.
  - (iii) गत वर्ष हेतु आंतरिक लेखा परीक्षक/संस्थान/यूनिवर्सिटी के लेखाकार द्वारा हस्ताक्षरित लेखा विवरण Statement of Accounts signed by Internal Auditor/ Accountant of the Institution/ University(FORM-IV)- for the preceding year.
  - (iv) चयन समिति के कार्यवृत्त के साथ परियोजना के लिए नियुक्त कर्मचारियों के नियुक्ति आदेश एवं कार्यग्रहण रिपोर्ट की प्रति Copy of appointment order and joining report of the staff appointed the project along with Minutes of the Selection Committee.
  - (v) उपस्कर की इन्वेंटरी (फार्म-V) An inventory of equipment (FORM-V)
- (e) कृपया यह नोट करें कि उक्त दावा इस दावे के देय होने वाले वित्तीय वर्ष की समाप्ति के पूर्व ही इस विभाग में प्रस्तुत किया जाएगा अन्यथा मंजूर अनुदान समाप्त हो जाएगा।

Please note that claims shall be submitted to this Department well in advance before the end of the financial year in which the claim is due, otherwise, the sanctioned grant will lapse.

- (f) जहाँ कंप्यूटर प्रभारों का भुगतान किया जाता है दावे के साथ ही वहाँ केंद्रीकृत कंप्यूटर फैसिलिटी के उपयोग हेतु प्रभारों का भुगतान करने संबंधी एक अलग से प्रमाणपत्र संलग्न किया जाए।

A separate certificate for the charges paid for the use of the centralized computer facility must be attached along with claim whenever computer charges are paid.

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

- (g) वर्ष में एक बार प्रगति रिपोर्ट प्रस्तुत करना आवश्यक है। अतः अनुरोध है कि उक्त परियोजना के कार्य की प्रगति रिपोर्ट के साथ नवीकरण आवेदनपत्र की 25 प्रतियां सदस्य सचिव, राष्ट्रीय उच्चतर गणित बोर्ड, ओवाईसी, छ. शि. म. मार्ग, मुंबई-400 001 को भेजी जाएं।

The progress reports are required to be submitted once a year. Hence, it is requested that 25 copies of the renewal application with progress report of the work of the above project may be sent to the Member Secretary, National Board for Higher Mathematics, OYC, C.S.M. Marg, Mumbai 400 001

- (h) उक्त परियोजना के वित्तीय मामलों से संबंधित समस्त पत्र व्यवहार (पदनाम के द्वारा) मंजूरी आदेश की संख्या एवं तिथि का उल्लेख करते हुए अवर सचिव (आरएंडडी-II), परमाणु ऊर्जा विभाग, अणुशक्ति भवन, छ. शि. म. मार्ग, मुंबई-400 001।

All communications relating to financial matter of the project may please be addressed (by designation) to Under Secretary (R&D), Department of Atomic Energy, Anushakti Bhavan, C.S.M. Marg, Mumbai - 400 001. quoting the relevant sanction order number and date.

- (6) मंजूरी फाइल Sanction file.

*Sudha*  
28/01/19

(सुधा जी नायर/Sudha G. Nair)

अनुभाग अधिकारी (आरएंडडी-II) Section Officer (R&D-II)

*Sudha*  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115

mail : erip\_er@hqr.drdo.in  
Tele : 011- 23017661  
Fax : 011- 23017582



No. ERIP/ER/DG-NS&M/991115704/M/01/1707  
Directorate of Extramural Research &  
Intellectual Property Rights (ER&IPR)  
Defence Res & Dev Orgn (DRDO)  
DRDO Bhawan, Rajaji Marg  
New Delhi-110 011

Dated: 7 Dec 2017

To  
Dr. K. Dinakaran  
Associate Professor  
Dept. of Chemistry  
Thiruvalluvar University  
Serkadu  
Vellore- 632115

Sub: Grants-in-Aid for research project titled "Development of Porous Nanostructures Embedded Conductivity Polymer Nanocomposites for EMI Shielding".

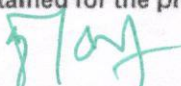
Approval of the competent authority DG (TM) is hereby conveyed for a grant of Rs. 27.32 Lakh (Rupees Twenty Seven Lakh Thirty Two Thousand Only), to Thiruvalluvar University, Vellore, for pursuing the research on the subject titled project by Dr. K. Dinakaran, Associate Professor, Dept. of Chemistry, Thiruvalluvar University, Vellore- 632115, as Principal Investigator and Dr. S. Syed Shafi and Dr. S. Ananda Kumar of the same institute as Co-Investigator.

2. The grant shall be spent as follows:

Expenditure on ↓ (Rs in lakh) during →	Year 1	Year 2	Year 3	Line Total
a) Staff : 01-SRF @ Rs. 28000/- pm	3.36	3.36	3.36	10.08
b) Equipment (including spares thereof) Anex 'A'	11.00	-	-	11.00
c) Operation and maintenance	-	0.30	0.20	0.50
d) Expendables	1.50	0.50	0.50	2.50
e) Travel (Domestic)	0.50	0.50	0.50	1.50
f) Contingencies	0.15	0.15	0.15	0.45
g) Visiting faculty or Research Consultant	-	-	-	-
h) Procured services (other than (g)) and metered utilities	0.30	-	-	0.30
i) Institutional Overheads Charge @ 10% of (a)	0.33	0.33	0.33	0.99
Column Totals	17.14	5.14	5.04	27.32

Grand total: Rs. 27.32 Lakh (Rupees Twenty Seven Lakh Thirty Two Thousand Only).

- The project will last for 03 years from the date of release of the first installment by the PCDA (R&D) and it will be governed by the terms and conditions given overleaf.
- The deliverables of the project are:-
  - The project will deliver EMI shielding polymer nanocomposites, the expected EMI SE will range from 20 to 35 dB at x-band region, which is higher than existing polymer EMI shielding materials. The polymeric matrix will be PVDF and other new polymers such as benzoxazines having good adhesion to various substrates. Polymer matrix will form thin film on substrates.
- This sanction issues in exercise of powers conferred to Sl. No. 3.1 of GOI Ministry of Defence letter No. DRDO/DBFA/FA/83226/M/01/2031/D (R&D) dated 30th July 2010.
- The release of funds will be authorized by Accounts Officer of the Directorate of ER&IPR.
- The expenditure is debitable to Major Head 2080 - Defence Services - Research & Development, Minor Head 004 - Research/Research & Development, Sub-Head (C)- Extramural Research (EMR) Code Head 852/06.
- This is issued with the concurrence of IFA(R&D) New Delhi vide their U.O. No. IFA (R&D), New Delhi/1183/1205 Date: 04.12.2017.
- The sanction code of ER&IPR is DG/TM/ERIPR/GIA/17-18/0306/050.
- Separate savings bank account to be maintained for the project.

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

  
(Sh. Anil Kumar Aggarwal)  
Director



FILE NO. EEQ/2016/000049  
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: 31-Jan-2017

**ORDER**

Subject: Financial Sanction of the research project titled "Development of Advanced Nanobiosensor for Pathogenic Microorganisms detection" under the guidance of Prof. Dinakaran Kannaiyan, Chemistry, Thiruvalluvar University, Fort, Balaji nagar, Vellore, Tamil nadu-632004 - 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. 3064000/- (Rs. Thirty Lakh Sixty Four Thousand Only) with break-up of Rs. 1250000/- under Capital (Non-recurring) head and Rs. 1814000/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 3064000/- has been approved are given below:  
The following budget may be considered for Thiruvalluvar University, Fort, Balaji Nagar, Vellore

S.No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Minor equipments -> Fluorescence Spectrometer	1250000
A'	Total (Non-Recurring)	1250000
B	Recurring Items	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies)	1536000
2	Recurring - B : (Overhead Charges)	278000
B'	Total (Recurring)	1814000
C	Total cost of the project (A' + B')	3064000

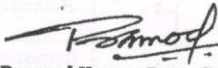
- Sanction of the SERB is also accorded to the payment of
  - Rs. 1250000/- (Rupees Twelve Lakh Fifty Thousand only) under 'Grants for creation of capital assets' and Rs. 605000/- (Rupees Six Lakh Five Thousand only) under 'Grants-in-aid General' to The Registrar, Thiruvalluvar University, Fort, Balaji Nagar, Vellore being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- The expenditure involved is debit 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)
- The Sanction has been issued to Thiruvalluvar University, Fort, Balaji Nagar, Vellore with the approval of the competent authority under delegated powers on 19 January, 2017 and vide Diary No. SERB/F/7619/2016-17 dated 21 January, 2017
- 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)).
- 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.
- 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.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The release amount of Rs. 1855000/- (Rupees Eighteen Lakh Fifty Five 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:

Account Name	The Registrar, Thiruvalluvar University
Account Number	248401000000069
Bank Name & Branch	Indian Overseas Bank Thiruvalluvar University Branch, Sekkadu, Vellore 632115, Tamil Nadu
IFSC/RTGS Code	IOBA002484

  
VICE-CHANCELLOR

Email id of A/C Holder	registrartvu@gmail.com
Email id of PI	kdinakaran@hotmail.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. EEQ/2016/000049 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.

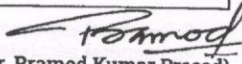
  
 (Dr. Pramod Kumar Prasad)  
 Scientist C  
 pk.prasad@serb.gov.in

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.	<b>Prof. Dinakaran Kannaiyan</b> <b>Chemistry</b> <b>Thiruvalluvar University, Fort, Balaji nagar, Vellore, Vellore, Tamil nadu-632004</b> <b>Email: kdinakaran@hotmail.com</b> <b>Mobile: 919600515788</b> (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>The Registrar,</b> <b>Thiruvalluvar University, Fort, Balaji Nagar, Vellore</b> (Receipt of Grant may be intimated by name to the undersigned)

  
**VICE-CHANCELLOR**  
**THIRUVALLUVAR UNIVERSITY**  
**SERKADU, VELLORE - 632 115.**

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

FILE NO. EEQ/2016/000449  
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: 31-Jan-2017

**ORDER**

Subject: Financial Sanction of the research project titled "**Molecular analysis of the Bacterial Diversity for Biocorrosion Control in Crude Oil Reservoir**" under the guidance of Dr. Rajasekar Aruliah, Biotechnology, Thiruvalluvar University, Fort, Balaji nagar, Vellore, Vellore, Tamil nadu-632004 - 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. 4912000/- (Rs. Forty Nine Lakh Twelve Thousand Only) with break-up of Rs. 2000000/- under Capital (Non-recurring) head and Rs. 2912000/- under General (Recurring) head for a duration of Four years. The items of expenditure for which the total allocation of Rs. 4912000/- has been approved are given below:  
The following budget may be considered for Thiruvalluvar University, Fort, Balaji Nagar, Vellore

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Gel documentation system -> Rotating cage electrode -> Electrochemical Impedance spectroscopy (EIS)	2000000
A'	Total (Non-Recurring)	2000000
B	Recurring Items	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies)	2472000
2	Recurring - B : (Overhead Charges)	440000
B'	Total (Recurring)	2912000
C	Total cost of the project (A' + B')	4912000

- Sanction of the SERB is also accorded to the payment of  
• Rs. 2000000/- (Rupees Twenty Lakh only) under 'Grants for creation of capital assets' and Rs. 730000/- (Rupees Seven Lakh Thirty Thousand only) under 'Grants-in-aid General' to The Registrar, Thiruvalluvar University, Fort, Balaji Nagar, Vellore  
being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- 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)
- The Sanction has been issued to Thiruvalluvar University, Fort, Balaji Nagar, Vellore with the approval of the competent authority under delegated powers on 23 January, 2017 and vide Diary No. SERB/F/7721/2016-17 dated 28 January, 2017
- 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)).
- 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.
- 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.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The release amount of Rs. 2730000/- (Rupees Twenty Seven 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:

Account Name	The Registrar, Thiruvalluvar University
Account Number	248401000000069
Bank Name & Branch	Indian Overseas Bank Thiruvalluvar University Branch, Indian Overseas Bank, Serkkadu, Vellore-632 115

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

IFSC/RTGS Code	IOBA0002484
Email id of A/C Holder	registrartvu@gmail.com
Email id of PI	rajasekar.aruliah@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. EEQ/2016/000449 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

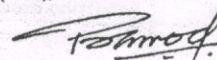
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

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.

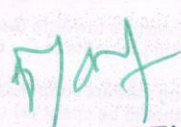


(Dr. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@serb.gov.in

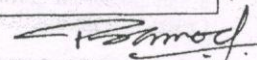
To,  
Finance & Budget Officer  
SERB, New Delhi

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.	Dr. Rajasekar Aruliah Biotechnology Thiruvalluvar University, Fort, Balaji nagar,Vellore, Vellore, Tamil nadu-632004 Email: rajasekar.aruliah@gmail.com Mobile: 918675265635 (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.	The Registrar, Thiruvalluvar University, Fort, Balaji Nagar, Vellore (Receipt of Grant may be intimated by name to the undersigned)



**VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.**



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

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU VELLORE - 632 115

P30

Government of India  
Department of Atomic Energy  
(R&D-II Section)

Anushakti Bhavan  
C.S.M. Marg  
Mumbai - 400 001  
Email: rd2@dae.gov.in  
Tel: 022-22862763

Ref. No. 2/48(5)/2016/NBHM(R.P.)/R&D II/4088


October 24, 2016

ORDER

On the recommendation of the National Board for Higher Mathematics (NBHM), the administrative approval of this Department is hereby conveyed for grant of financial assistance to the Research Project entitled "Studies on Control Complex Dynamical Networks" under Dr. M Syed Ali, Assistant Professor, Department of Mathematics, Thiruvallur University, Serkadu, Vellore - 632 115, Tamil Nadu for 3 years. The total grant for the project will be ₹ 14,14,100/- (Rupee Fourteen Lakh Fourteen Thousand One Hundred Only) as under :-

Sr. No.	Items	1st Year	2nd Year	3rd Year (₹)	Total (₹)
		(₹)	(₹)	(₹)	
	Financial Year	2015-16	2016-17	2017-18	
1	One JRF @ ₹ 25000/- p.m. for first two years and @ ₹ 28000/- p.m. for third year.	3,00,000	3,00,000	3,36,000	9,36,000
2	Library Grant	25,000	20,000	20,000	65,000
3	Computer Hardware	1,00,000	-	-	1,00,000
4	Domestic Travel *	40,000	40,000	50,000	1,30,000
5	Sub Total (sum of 1 to 4 above)	4,65,000	3,60,000	4,06,000	12,31,000
6	Over head @ 10% of the above	46,500	36,000	40,600	1,23,100
7	Contingencies for Principal Investigator	10,000	10,000	10,000	30,000
9	Contingency for JRF	10,000	10,000	10,000	30,000
	Total:	5,31,500	4,16,000	4,66,600	14,14,100

- \* Note: 1. No foreign travel permitted  
2. No DA on domestic / international flight can be given.

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

P31

REGISTERED



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH  
EXTRAMURAL RESEARCH DIVISION  
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 25(0274)/17/EMR-II  
From : Head, Human Resources Development Group

Dated: 27.4.17

To  
DR M SYED ALI  
DEPT OF MATHS  
THIRUVALLUVAR UNIV  
VELLORE 632115 T N

Subject: Grants-in-aid for your scheme entitled :STUDIES ON FILTERING AND CONTROL DESIGN OF DYNAMICAL SYSTEMS

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	1-RA / S P I / J u l - - 17		
III	Contingency (per annum in ₹)	1 <sup>st</sup> Year : 1,00,000	2 <sup>nd</sup> Year : 1,00,000	3 <sup>rd</sup> Year : 1,00,000
IV	Equipment (lumpsum in ₹)	1,00,000 (LS)		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	3,96,000
II	Contingency	91,667
III	Equipment	1,00,000
Total :		5,87,667

- Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. The grant for the 1<sup>st</sup> installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.

The expenditure is debitable to budget head P81 102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

- Registrar/Principal/Director, Thiruvalluvar University, Vellore - 632 115. The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
- Sr F&AO(EMR) alongwith FYC for first year's grant.

5/04  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

011 258 42  
258 48

## SUMMARY TERMS AND CONDITIONS

1. The first installment of the grants sent by NEFT/RGIS herewith will be utilized subject to submission of the following documents/information.
  - a) Acceptance of the grants sanctioned above.
  - b) An Undertaking in the prescribed form-A of the enclosed booklet executed on non judicial stamp paper of RS. 10/- each page duly signed.
  - c) A certificate by you duly countersigned by the Head of the Department/Head of the Institution that no other aid giving agency is funding your above scheme.
  - d) Date of commencement of the scheme. This should be started within 3 months from the date mentioned in the sanction letter overleaf at Para 3, with or without the appointment of "Staff"
  - e) Details of bank account in attached NEFT / RGIS form for transfer of grant.
2. "Contingency" amount will be utilized on pro-rata from the date of the commencement of the scheme. "Staff Stipend" will be utilized from the date the Research Fellow/Associate Joins duty in accordance with the rules stipulated in the terms and conditions and he/she will be paid stipend after receipt of approval of appointment from CSIR. JRF with NET/GATE qualification can be appointed directly, and CSIR concurrence/ratification is to be obtained subsequently.
3. While claiming grants for the subsequent year/period the position regarding unspent balances of the previous year's grants must be mentioned head-wise in the bill failing which the same may be returned UN passed for compliance. Statement of accounts duly audited by the Account Officer and countersigned by the next higher authority in respect of the grants received and expenditure incurred with balance, if any, during the previous year should also be invariably enclosed with the bill.
4. Utilization of funds and maintenance of account under the head "Staff", "Contingency" & "Equipment" and appointment of Research Fellows/Associates should be in accordance with the procedure laid down in the terms and conditions.
5. Your obligations under this sanction include, inter alias, the following:
  - i. Submission of *Annual Progress Report (10 Copies)* to CSIR by 1st October, each year including the progress of work as on 31<sup>st</sup> aug. (as per **Form-E1** in the booklet). Non-receipt of this report in time will lead to the scheme being withdrawn.
  - ii. Submission of *Final Technical Reports (4copies)* in **Form-F** of the booklet within 3 months after completion of the work describing the original objectives of the scheme, how far these objectives have been achieved and how the results would benefit technological development or enrich the existing knowledge on the subject.
  - iii. Sending of copies of Research Papers published in Journals and Proceedings of Prestigious national/international conferences under this grant with due acknowledgement of CSIR support for information as and when published. The project numbers should always be mentioned in the acknowledgements.
  - iv. Submission of the **Audit Utilization Certificate** and audited statement of accounts for the grants paid by the CSIR immediately on termination of the scheme.
6. ALL INSTRUMENTS/EQUIPMENT PURCHASED OUT OF/PROVIDED BY CSIR EXTRAMURAL RESRARCH FUND SHOULD CARRY THE LABEL "CSIR FUNDED".

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

3-21/3.22



FD Diary No. 3558  
Dated : 04.08.2017

12

**UNIVERSITY GRANTS COMMISSION**  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI 110002

(GENERAL)

F.No.43-480/2014(SR)

Dated: Aug, 2017

The Under Secretary (FD-III)  
University Grants Commission  
Bahadur Shah Zafar Marg  
New Delhi - 110002

24 AUG 2017

Sub: Release of Grant-in aid to **Thiruvalluvar University, Serkkadu, Vellore-632115, Tamil Nadu** for the year 2017-18 under revenue in respect of Major Research Project entitled "**Microbiological.....industry**" awarded to **Dr. A. Rajaseakar, Dept. of Microbiology** tenure of the project from **01.07.2015 to 30.06.2018. (3 years)**

Sir,

I am directed to convey the sanction of the University Grants Commission for payment of grant of Rs. **2,39,678/- (Rupees Two Lakh Thirty Nine Thousand Six Hundred Seventy Eight Only)** as **2<sup>nd</sup> installment** for the year 2017-18 towards Major Research Project to **The Registrar, Thiruvalluvar University, Serkkadu, Vellore-632115, Tamil Nadu** for the revenue expenditure to be incurred during 2017-18.

Name of the Item	Amount Allocated	Head of Account	Grant now Being Sanctioned	Grant already Released	Total Grant
Books & Journals	40,000/-	3.A (65)(a). 35	.....	40,000/-	40,000/-
Equipment	5,00,000/-		.....	5,00,000/-	5,00,000/-
Project Fellow @ Rs. 14,000/-p.m for 2 years & Rs. 16,000 p.m for 3 <sup>rd</sup> year	3,55,198/-	3.A (65)(a). 31	19,678/-	3,00,000/-	3,19,678/-
HRA	.....		.....	.....	.....
Contingency	2,00,000/-		80,000/-	1,00,000/-	1,80,000/-
Chemical	3,00,000/-		1,20,000/-	1,50,000/-	2,70,000/-
Hiring Services	.....		.....	.....	.....
Travel/ Field Work	50,000/-		20,000/-	25,000/-	45,000/-
Overhead Charges	1,10,000/-		.....	1,10,000/-	1,10,000/-
<b>Total</b>	<b>15,55,198/-</b>		<b>2,39,678/-</b>	<b>12,25,000/-</b>	<b>14,64,678/-</b>

*5/08/17*  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.



Dated: 17<sup>th</sup> September, 2013.

**ORDER**

In continuation of this Department's sanction order of even number dated: 17<sup>th</sup> September, 2013 sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978, for the release of an amount of **Rs. 19.90 lakhs (Rupees Nineteen Lakhs Ninety Thousand only)** to The Registrar, Thiruvalluvar University, Serkkadu Vellore-632115 (Tamilnadu) being the first installment of Ramalingaswami Re-entry Fellowship (2012-13) awarded to **Dr. A. Rajasekar** Department of Biotechnology, Thiruvalluvar University, Serkkadu, Vellore, Tamilnadu-632115 for the implementation of the project proposal entitled "Electrochemical behavior of barophilic and thermophilic bacteria with special reference to petroleum industry" as per the details given below:-

Fellowship Amount

(Rs. in Lakhs)

S.No.	Head	Released Amount*
1.	Fellowship	9.00 @ Rs.75,000/- per month
2.	Contingency/Research Grant	10.00
3.	HRA	0.90 Rs. 7,500 - p.m consolidated
	<b>Total</b>	<b>19.90</b>

- The release is made under recurring heads
- The other terms and conditions of the grant shall remain unaltered.
- The Accounts of the grantee institution shall be open to inspection by the sanctioning authority/ audit.
- It is certified that this being the first release no UC/SE pertaining to grants released under this programme is pending with the institute.
- a) If the host institute is providing free accommodation, no House Rent Allowance (HRA) is admissible and same needs to be refunded to the department.  
b) If the host institute is deducting HRA and license fee for the accommodation provided, then the same may be recovered from the HRA being paid to the fellow. However, reimbursement shall be limited to the HRA being paid by DBT. Excess recovery, if any, has to be made by the host institute directly from the fellow.
- As regards the medical benefits, host institute may consider giving medical benefits from their own resources at level of Scientist 'D' as applicable to their regular faculty.
- The amount of **Rs. 19.90 lakhs (Rupees Nineteen Lakhs Ninety Thousand only)** will be drawn by Drawing and Disbursing Officer, DBT from the Pay and Accounts Officer, DBT and disbursed to **The Registrar, Thiruvalluvar University, Serkkadu, Vellore-632115 Tamilnadu** and disbursed through RTGS as per following details:

1. Name of the Institute as per Bank Record
2. Designation of the Account Holder
3. Name of the Bank
4. Name of the Branch
5. Bank Account Number
6. IFSC Code
7. MICR Code

The Registrar,  
 Thiruvalluvar University, Serkkadu, Vellore-632115 Tamil Nadu  
 Registrar  
 Indian Overseas Bank (IOB)  
 Thiruvalluvar University Branch  
 Serkkadu, Vellore (Tamilnadu)  
 24840100000000  
 IOBA0002484  
 63302011

8. As per Rule 211 (1) of GFR, the Accounts of all grantee institution shall be open to inspection by the sanctioning authority/ audit, whenever the institution is called upon to do so.

9. 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 per annum thereon shall be recovered.

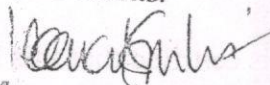
**10. Budget Head**

The expenditure involved is debitable to

Demand No. 087	:	Department of Biotechnology
3425	:	Other Scientific Research 2013-2014
3425.60	:	other (Sub Major Head)
3425.60.200	:	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	:	Research and Development
3425.60.200.29.04	:	Medical Biotechnology and Related Areas
3425.60.200.29.04.31	:	Grants-in-aid General

11. This issues under the powers delegated to this Department and with the concurrence of IFD vide their SAN No. 102/IFD/SAN/ 2887/2013-14 dated:10-9-2013.

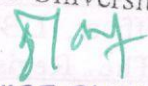
12. This sanction has been noted at serial no. \_\_\_\_\_ in the Register of Grants.

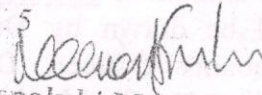
  
 (Meenakshi Munshi)  
 Director/Scientist 'F'

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

**Copy forwarded for information/ necessary action to:**

1. The Principal Director of Audit (Scientific Departments), AGCR Building, IP Estate, New Delhi - 110 002.
2. Cash Section, DBT (2 copies)
3. IFD, DBT
4. Dr. A. Rajasekar Department of Biotechnology, Thiruvalluvar University, Sekkadu, Vellore, Tamilnadu-632115
5. The Registrar, Thiruvalluvar University, Serkkadu, Vellore-632115
6. Sanction Folder

  
**VICE-CHANCELLOR**  
 THIRUVALLUVAR UNIVERSITY  
 SERKKADU, VELLORE - 632 115.

  
 (Meenakshi Munshi)  
 Director/Scientist 'F'



திருவள்ளூர் பல்கலைக்கழகம்  
**THIRUVALLUVAR UNIVERSITY**  
Serkkadu, Vellore - 632 115.

**OFFICE NOTE**

Date : 13.12.2013

File No. TVU/AR/DBT/JRF Selection/Advt. of JRF /Dept. of Bio Tech/2013/10

**SUB:** Dept. of Biotechnology – Approval for the advertisement in our university website - Junior Research Fellow (one number) for the DBT- Ramalingaswami Research fellowship entitled “Electrochemical behavior of thermophilic/barophilic bacteria with special reference to petroleum industry” for research grant Rs. 32,50,000/- (Rs Thirty Two Lakh and Fifty thousand Only)/- under General head., Received Rs.10,00,000/- (Rs Ten Lakh Only) under Grants in aid – General for the first year 2013 – 14, Advertisement to the University web site - reg

**REF:**

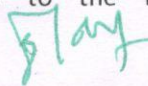
1. Letter No 1. TVU/A.R/Biotech/DBT proj./Fund alloc 001/2013-2014 received from Dr. A. Rajasekar Assistant Professor, Dept. of Biotech, Thiruvalluvar University dt.26.09.2013.
2. Letter no.2. DBT Sanction order No: SAN/NO.102/IFD/SAN/2887/2013 -14 dated 10/09/2013.
3. Letter no: 3 Advt. of JRF Position- DBT-Fund approved date 14.11.2013

Department of Biotechnology (Ramalingaswami Fellowship) has sanctioned the project of Dr. A.Rajasekar, Assistant Professor, Department of Biotechnology, entitled “Electrochemical behavior of thermophilic/barophilic bacteria with special reference to petroleum industry” at the cost of Rs. Rs. 32,50,000/- (Rs Thirty Two Lakh and Fifty thousand Only) for the period of five years.

Out of Rs. Rs. 32,50,000/- a sum of Rs. 1,68,000/-(One lakh sixty eight thousand rupees only) towards grant in aid under the engagement of Man power - Junior Research Fellow (1 no) for one year (Rs.14,000/- per month for the first year) 2013 - 14, has been allocated under recurring items (General-A). In this connection, the following advertisement may be posted in our university website for engagement of one JRF.

**DEPARTMENT OF BIOTECHNOLOGY**  
**WALK-IN INTERVIEW**

For the post of a Junior Research Fellow (JRF, One position) to work in the following DBT-Ramlingaswami Research Fellowship entitled “**Electrochemical behavior of thermophilic and barophilic bacteria with special reference to petroleum industry**” Interested candidates **may attend the interview** with original and attested copies of all academic, experience certificates (if any) and testimonials on **8<sup>th</sup> January, 2014 at 11:00 AM** at the Biotechnology Department, Thiruvalluvar University, Serkkadu, Vellore, Tamilnadu. Candidates may send their application with CV by email to the Principal Investigator ([rajasekar.aruliah@gmail.com](mailto:rajasekar.aruliah@gmail.com)) on or before 8<sup>th</sup> January, 2014.

  
**VICE-CHANCELLOR**  
**THIRUVALLUVAR UNIVERSITY**  
**SERKADU, VELLORE - 632 115.**

**Details about the position:**

Sl. No.	Name of the position	No. of vacancies	Qualification	Fellowship
1.	Junior Research Fellow (JRF)	1	M.Sc. in Biotechnology/ Microbiology with good academic record. <b>Desirable:</b> Research experience in Molecular Biology/Microbiology and NET/GATE qualification.	Rs. 14,000/-p.m. (consolidated)

**Terms and conditions:**

- The above position is purely contractual.
- No TA/DA will be paid for attending the interview.
- Candidates may appear for walk-in-interview with bio-data, reprints of publications, reports etc., passport size attested photos, original certificates and attested photocopies of all certificates, mark sheets, degrees and testimonials. The written test will be conducted (Multiple choice Q & A)- at PG level.
- Candidates reaching after specified timing may not ordinarily be entertained.
- Canvassing in any form will disqualify the candidature.

Hence, it is for orders to give approval for the JRF advertisement in our university website for the selection of Junior Research Fellow under the sanctioned DBT Project. / (A)

For approval

C ✓ 13/12/2012  
Research Coordinator

S  
13.12.13  
F.O.

(A) may be approved  
19/12/13  
Registrar

12/12/13  
Vice Chancellor

**VICE-CHANCELLOR**  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115

Dated:12 November, 2014

ORDER

Subject :- Financial assistance for the research project entitled "Electrochemical & biocorrosion behavior of thermophilic/barophilic bacteria with special reference to petroleum industry" by **Dr. Rajasekar Aruliah, Deptt. of Biotechnology, Thiruvalluvar University, Serkkadu, Vellore-632115, Tamil Nadu.**

Sanction of the Science and Engineering Research Board (SERB) is accorded to the payment of a sum of **Rs.1,50,000 /- (Rs. One Lakh Fifty Thousand Only)**, being the grant for the year 2014-15 for implementation of the above said project.

2. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 1,91,935/- (Rs. One Lakh Ninety One Thousand Nine Hundred Thirty Five Only) from 2013-14 financial year to 2014-2015 financial year.

3. Sanction of the grant is subject to the conditions as detailed in Annexure-I of SERB sanction order No. SB/YS/LS-40/2013 dated 6 September, 2013.

4. The expenditure involved is debitable to

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

This release is made under Start-Up Research Grant (Young Scientists)- Life Sciences.

5. It is certified that provision of GFR212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC is enclosed herewith.

6. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. **SERB/F/5168/ 2014-15 dated 10.10.2014.**

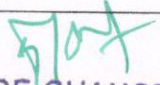
7. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

8. The Institute will furnish to the SERB, Utilization Certificate and an audited Statement of Account pertaining to the grant immediately after the end of each financial year.

9. The Institute will maintain separate audited accounts for the Project. It is found expedient to keep a part or whole of the grant in a bank account earning interest. The interest earned should be reported to the SERB. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. The amount of **Rs. 1,50,000/- (Rs. One Lakh Fifty 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:

Account Name	The Registrar, T.V.University, Research Project
Account Number	248401000000069
Bank Name & Branch	Indian Overseas Bank, Thiruvalluvar University Branch, Serkkadu, Vellore District
IFSC/RTGS Code	IOBA0002484

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKKADU, VELLORE, 632115

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.

(Jacob V.V.)  
Scientist - D

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. Rajasekar Aruliah Deptt. of Biotechnology Thiruvalluvar University Serkkadu Vellore- 632115 Tamil Nadu  Email : rajasekargood@gmail.com, rajasekar.aruliah@gmail.com  The grant transfer details along with transaction no. will be intimated to the above email.
5.	Registrar Thiruvalluvar University Serkkadu Vellore-632115

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

(Jacob V.V.)  
Scientist - D

Account Name	The Registrar, T.V. University, Serkkadu, Vellore
Account Number	24840100000000
Bank Name & Branch	Indian Overseas Bank, Thiruvalluvar University Branch, Serkkadu, Vellore District
IFSC Code	IOBA0002484

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.



UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110002

*Filed*  
*13*  
*5/10/2015*

Dated :- Sep, 20

F. No. - 43-481/2014(SR)

MRP-MAJOR-MICR-2013-35660  
(OBC)

**24 SEP 2015**

The Under Secretary (FDIII),  
University Grants Commission,  
Bahadur Shah Zafar Marg,  
New Delhi-110002.

Sub.- Release of Grants-in-aid to THIRUVALLUVAR UNIVERSITY, Serkkadu, Vellore - 632115, Tamilnadu for year 2015-16 under Plan in respect of Major Research Project entitled "ECO-FRIEND BIOREMEDIATION.....ANAEROBIC PROCESS " awarded to **Dr. S.Vijayanand**, Department of Biotechnology. Tenure of project for 3 year(s) w.e.f. 01/07/2015.

Sir/Madam,

I am directed to convey the approval sanction of the University Grants Commission for payment of grant of Rs. 10,35,000/- (Rupees: T LAKHS THIRTY FIVE THOUSAND ONLY ) as 1st instalment for the years 2015-16 towards Major Research Project to REGISTRAR, THIRUVALLUVAR UNIVERSITY, Serkkadu, Vellore - 632115, Tamilnadu for the Plan expenditure to be incurred during 2015-16.

S. No.	Items	Head of Account	Amount Approved(Rs.)	Grant being Released as 1st Installment(Rs.)	Grant Already Released(Rs.)	Total Grant(Rs)
A.	Non-Recurring					
1.	Books & Journals	3(A).49(a).35	Rs. 0/-	Rs. 0/-	-	Rs. 0/-
2.	Equipment		Rs. 5,00,000/-	Rs. 5,00,000/-	-	Rs. 5,00,000/-
B.	Recurring					
1.	Honorium to Retd. Teacher @ Rs. 18,000/- p.m.		Rs. 0/-	Rs. 0/-	-	Rs. 0/-
2.	a. Project Fellow (Non-Gate/Non NET) @ Rs. 14,000/- p.m. b. Project Fellow (Gate/NET/GPAT) @ Rs. 16,000/- p.m. Tenure - 3 year(s)		Rs. 6,00,000/-	Rs. 3,00,000/-	-	Rs. 3,00,000
3.	Chemical/Glassware/Consumable (Raw Material & Packaging Material etc.)	3(A).49(a).31	Rs. 2,00,000/-	Rs. 1,00,000/-	-	Rs. 1,00,000
4.	Contingency		Rs. 50,000/-	Rs. 25,000/-	-	Rs. 25,000
5.	Hiring Services		Rs. 0/-	Rs. 0/-	-	Rs. 0/-
6.	Travel / Field Work		Rs. 50,000/-	Rs. 25,000/-	-	Rs. 25,000
7.	Any Other		Rs. 0/-	Rs. 0/-	-	Rs. 0/-
8.	Overhead Charges 10% of approved recurring Grant (Except Travel & Field Work)		Rs. 85,000/-	Rs. 85,000/-	-	Rs. 85,000
	Total (A + B)		Rs. 14,85,000/-	Rs. 10,35,000/-		Rs. 10,35,0

*Blay*  
VICE CHANCELLOR



FD Diary No.9757  
Dated : 04.02.2015

University Grants Commission  
Bahadur Shah Zafar Marg  
New Delhi-110 002

No.F.30-88/2014(BSR)

Dated: February, 2015

The Under Secretary FD-III Section,  
University Grants Commission  
Bahadur Shah Zafar Marg,  
New Delhi – 110002.

19 FEB 2015

Subject:- Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant @ Rs.6.00 lakhs each for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the year 2014-2015 under Plan.

Sir,

The University Grants Commission convey its approval and allocate a sum of Rs.6,00,000/- (Rupees Six Lakhs Only) @ Rs.6.00 Lakhs each faculty to the Registrar, Thiruvalluvar University, Vellore-632 115 (T.N.) being the UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of Rs.6,00,000/- (Rupees Six Lakhs only) to the Registrar, Thiruvalluvar University, Vellore-632 115 (T.N.) being the approval of Rs.6,00,000/- (Rupees Six Lakhs only) @ Rs.6.00 Lakhs each faculty towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments for the plan expenditure for the year 2014-2015 as per details given below:-

Name of the Item	Head of Account	Name of Faculty / Professor	Name of Departments	Amount Approved (Rs.)	Amount being released (Rs.)
UGC-BSR Start-up grant @ Rs.6.00 lakhs each for newly recruited faculty at Assistant Professor level in science department	3(A): 2202.03.102.10.01.31	Dr. M.C. Harish	Plant Biotechnology / Plant Molecular Biology and Metabolic Engineering	6,00,000/-	6,00,000/-
Total:				6,00,000/-	6,00,000/-

2. The sanctioned amount is debitable to the major Head 3(A): 2202.03.102.10.01.31 and is valid for payment during the financial year 2014-15 only.

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY



Ref no

NO/SB/EMEQ-164/2014

SCIENCE & ENGINEERING RESEARCH BOARD  
(SERB)

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

Dated

06-07-2015

ORDER

Subject: Financial Sanction of the research project titled "*Synthesis and Characterization of Biologically Active Coordination Complexes*" under the guidance of **Dr. K. Srinivasan**, Department of Chemistry, Thiruvalluvar University, Vellore- 632 115.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs.37,00,000/- (Rupees thirty seven lakh only) with break-up of Rs.14,00,000/- under Non-Recurring head and Rs.23,00,000 /- under Recurring head for a duration of 4 years. The items of expenditure for which the total allocation of Rs.37,00,000/- has been approved for a period of 4 years, are given below:

Sl. No	Head	Total (in Rs.)
A	Non-recurring Items	
1.	Equipment 1. FTIR, 2. Minor equipments such as Double distillation unit, Magnetic stirrers, Mantles, Hot air oven, Vacuum oven, Electronic Digital Balance, Ultrasonicator, Nitrogen cylinder, autoclave, pH meter, computer, computer peripherals.	14,00,000/-
A'	Total (Non-Recurring)	14,00,000/-
B	Recurring Items	
1.	Recurring -A [Manpower -One; Consumables; National Travels; Contingencies ]	18,00,000/-
2.	Recurring -B Overhead Charges	5,00,000/-
B'	Total (Recurring)	23,00,000/-
C	Total cost of the project (A' + B')	37,00,000/-

- Sanction of the SERB is also accorded to the payment of Rs.14,00,000/- (Rupees fourteen lakh only) under "Non-Recurring" and Rs.6,00,000/- (Rupees six lakh only) under "Recurring" being the grant for the year 2015-16, for implementation of the above said research project.
- The expenditure involved is debitable to "Fund for Science & Engineering Research (FSER-SC)". This release is made under "*Empowerment and Equity Opportunities for Excellence in Science*" program.
- The Sanction has been issued with approval of the competent authority under delegated powers and vide Diary No, SERB/F/1759/2015-16 dated 01.07.2015.
- Sanction of the grant is subject to the condition given at the website [www.serb.gov.in](http://www.serb.gov.in).
- 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.
- While providing operational flexibility among various subheads under head General-A, it should be ensured that not more than Rs.1.5 lakh each should be spent for travel and contingency.

Cont.2/-

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY

8. The total release amount of Rs.20,00,000/- (Rupees twenty lakh only) will be drawn by the Finance and Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	The Registrar, Thiruvalluvar University
Account Number	248401000000069
Bank Name & Branch	Indian Overseas Bank, Thiruvalluvar University Branch
IFSC/RTGS Code	IOBA0002484

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

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

11. The Institute will furnish to the SERB, Separate Utilization Certificates 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 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 etc. beyond the duration of the project

13. The sanctioned equipment & consumables would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

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

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



(AMITAVA ROY)  
SCIENTIST-F

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, III<sup>rd</sup> Floor I.P. Estate, Delhi-110002.
2. Sanction folder, SERB, New Delhi.
3. File Copy

4. ✓ Dr.K. Srinivasan,  
Department of Chemistry,  
Thiruvalluvar University,  
Vellore- 632 115.  
Mail id:gksrichem@gmail.com

5. The Registrar  
Thiruvalluvar University,  
Vellore- 632 115.

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.



(AMITAVA ROY)  
SCIENTIST-F

6987  
FO

VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115



Tel. No. : 28545460  
FAX : 28545485  
STATE PLANNING COMMISSION,  
EZHILAGAM, CHEPAUK,  
CHENNAI 600 005.

From

Thiru.M.Balaji, I.A.S.,  
Member Secretary.

To

Dr.P.Chennakrishnan,  
Assistant Professor in Economics,  
Department of Economics  
Thiruvalluvar University  
Serkkadu, Vellore – 632 115.

Lr.No.2343/EE/SPC/2012 dated .02.01.2014

Sub: State Planning Commission –Conduct of study "A STUDY ON SCHOOL  
DROP-OUTS IN RURAL SETTINGS IN VELLORE DISTRICT OF  
TAMILNADU" by Thiruvalluvar University – reg

Ref: This office proceeding no 2343/SPC/E&E/2012 dated 28.11.2013

I invite your kind attention to the reference cited wherein an amount of Rs 1.32 lakh was sanctioned and released to the Registrar, Thiruvallur University being the first installment to conduct the research study entitled "A STUDY ON SCHOOL DROP-OUTS IN RURAL SETTINGS IN VELLORE DISTRICT OF TAMILNADU".

I request you to kindly take-up this study and complete it within the stipulated time of five months from the date of sanction of the study. The second installment of Rs 1.76 lakh will be released within this financial year subject to review of progress of the study and on the receipt of Utilization certificate for the amount of Rs 1.32 lakh sanctioned in the reference cited.

I therefore request you to kindly send a fortnight report on 1<sup>st</sup> and 16<sup>th</sup> of every month and reiterated that the study may be completed within the stipulated time

Yours faithfully

  
for Member-Secretary

Copy to

The Registrar, Thiruvallur University,  
Serkkadu, Katpadi Taluk, Vellore-632103.

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

**NO. SB/FT/CS-074/2013**  
**SCIENCE AND ENGINEERING RESEARCH BOARD**

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

Dated: 20.05.2014

**ORDER**

**Subject:** - Financial Sanction of the research project entitled "Synthesis and evaluation of novel "Starburst" dendritic contrast agents for magnetic resonance imaging(MRI)" under the guidance of Dr. D. Thirumalai, Assistant Professor(Senior), Department of Chemistry, Thiruvalluvar University, Vellore-632115.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2442000/- (Rupees twenty four lakh forty two thousand only) with break-up of Rs. 1250000/- (Rupees twelve lakh fifty thousand only) under Non-Recurring and Rs. 1192000/- (Rupees eleven lakh ninety two thousand only) under Recurring for a duration of three years. The items of expenditure for which the total allocation of Rs. 2442000/- has been approved for a period of three years, are given below:

SI. No.	HEAD	TOTAL (In Rs.)
A	Non-Recurring	
1	Equipment: FT-IR Spectrophotometer, Rotavapor, Vacuum pump, Electronic balance, Refrigerator, Desktop computer with printer	1250000
A'	Total (Non-Recurring)	1250000
B	Recurring Items	
1	Recurring- A : (Manpower, Consumables, Analytical Charge, Travel(Domestic), Contingencies)	892000
2	Recurring- B: (Overhead Charges)	300000
B'	Total (Recurring)	1192000
C	Total Cost of the Project (A'+B')	2442000

2. Sanction of the SERB is also accorded to the payment of Rs. 1250000/- (Rupees twelve lakh fifty thousand only) under 'Non-Recurring' and Rs. 400000/- (Rupees four lakh only) under 'Recurring' being the grant for the year 2014-15 for implementation of the said research project

3. The expenditure involved is debitable to

**Fund for Science & Engineering Research (FSER) (Non-Recurring & Recurring)**  
This release is being made under FTYS. [ CHEMICAL - SCIENCE ]

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. SERB/F/525/2014-15 dated 28.04.2014.

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.

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

8. The total release amount of Rs. 1650000/- (Rupees sixteen lakh fifty thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of cheque/DD favouring "The Registrar, Thiruvalluvar University, Vellore" and will be sent to The Registrar, Thiruvalluvar University, Vellore: 632115 (Tamil Nadu) or by means of RTGS transaction as per their Bank details given below:

Account Name	Thiruvalluvar University Research Project A/C, Thiruvalluvar University, Vellore
Account Number	248401000000069
Bank Name & Branch Address	Indian Overseas Bank, Thiruvalluvar University Branch, Serkkadu, Vellore
IFSC/RTGS Code	IOBA0002484
PI's Email ID	thirumalaid@gmail.com

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

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

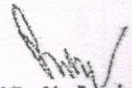
11. The Institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. 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 etc. beyond the duration of the project.

13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

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

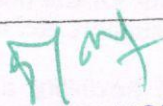
15. The unspent balance, if any, should be returned as Demand Draft drawn in favor of "Fund for Science and Engineering Research" payable at New Delhi, after completion/termination of the project.

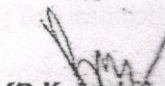
  
(R. K. Joshi)  
Scientist D

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. D. Thirumalai, Assistant Professor(Senior), Department of Chemistry, Thiruvalluvar University, Vellore-632115 (Tamil Nadu) <i>(For guidance, terms &amp; conditions etc. Please visit www.serb.gov.in. Please intimate the start date by post)</i>
5.	The Registrar, Thiruvalluvar University, Vellore-632115 (Tamil Nadu) <i>(Kindly send receipt of the grant by post)</i>

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

  
(R.K. Joshi)  
Scientist D

File No. BT/508/NE/TBP/2013  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY  
(NER DIVISION)

\*\*\*\*\*

Block-2, 7<sup>th</sup> Floor,  
CGO Complex, Lodhi Road  
New Delhi-110003  
Dated: 12/12/2014

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 under 'DBT's Twinning programme for the NE' titled "Biological synthesis and development of nano gold PTP1B inhibitors" by Dr. Pankaj Das, Dibrugarh University, Dibrugarh, Assam and Dr. G. Singaravelu, Thiruvalluvar University, Vellore, Tamilnadu at a total cost of ₹ 56.40 lakhs (Rupees Fifty Six lakhs and Forty thousand only) for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Biological synthesis and development of nano gold PTP1B inhibitors.

2.2 Project Investigators

2.2.1 Principal Investigator:  
(Parent Institute) Dr. Pankaj Das  
Professor  
Dept. of Chemistry  
Dibrugarh University,  
Dibrugarh, Assam 786004

2.2.2 Co- Investigator I:  
(Parent Institute) Dr. Bolin Chetia  
Assistant Professor  
Dept. of Chemistry  
Dibrugarh University,  
Dibrugarh, Assam 786004

2.2.5 Principal Investigator:  
(Collaboration Institute) Dr. G. Singaravelu  
Assistant Professor  
Dept. of Zoology  
Thiruvalluvar University, Serkadu,  
Vellore-632 115, Tamilnadu

2.2.6 Co- Investigator I:  
(Collaboration Institute) Dr. J. Madhavan  
Assistant Professor  
Dept. of Chemistry  
Thiruvalluvar University, Serkadu,  
Vellore-632 115, Tamilnadu

JP

### 2.3 Objectives:

1. To synthesize and functionalize gold nanomaterials using the seed of the plants *Eugenia jambolina* and *Coccinia indica* as PTP 1B inhibitors.
2. To characterize the capping molecule of the gold nanomaterials to be synthesized having PTP 1B inhibitory function.
3. To demonstrate PTP 1B inhibitory mechanism of the gold nanomaterials proposed to synthesize.

### 2.4 Time Schedule:

The duration of the project is three years from the date of issue of sanction order.

### 2.5 Equipment Details:

#### 2.5.1 Dibrugarh University, Assam

SL No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Simultaneous TGA-DSC	20.00
Total		20.00

#### 2.5.2 Thiruvalluvar University, Vellore, Tamilnadu

SL No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Inverted Microscope	3.50
2.	Electronic digital balance	0.60
Total		4.10

### 2.6 Manpower:

#### Fellowship Conditions:

JRF emoluments shall be ₹ 16,000/- + HRA for the 1<sup>st</sup> two years and ₹ 18,000/- + HRA for the 3<sup>rd</sup> year for SRF.

#### 2.6.1 Dibrugarh University, Assam

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 16,000/- + 10 % HRA for the 1 <sup>st</sup> & 2 <sup>nd</sup> yr SRF @ ₹ 18,000/- + 10 % HRA for 3 <sup>rd</sup> yr	2.11	2.11	2.38	6.60
Total			2.11	2.11	2.38	6.60

2.6.2 Thiruvalluvar University, Vellore, Tamilnadu

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 16,000/- + 10 % HRA for the 1 <sup>st</sup> & 2 <sup>nd</sup> yr SRF @ ₹ 18,000/- + 10 % HRA for 3 <sup>rd</sup> yr	2.11	2.11	2.38	6.60
Total			2.11	2.11	2.38	6.60

2.7 Budget Estimate:

The total cost of the project is ₹ 56.40 lakhs (Rupees Fifty Six lakhs and Forty thousand only) as per budget summary given below:

2.7.1 Dibrugarh University, Assam

(₹ in lakhs)

Heads	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
<b>I. Non-Recurring</b> (Equipments and accessories)	20.00	0.00	0.00	20.00
<b>Sub Total- I</b>	<b>20.00</b>	<b>0.00</b>	<b>0.00</b>	<b>20.00</b>
<b>II. Recurring</b>				
1. Manpower	2.11	2.11	2.38	6.60
2. Consumables	2.50	2.50	2.50	7.50
3. Travel	0.50	0.50	0.50	1.50
4. Contingency	0.50	0.25	0.25	1.00
5. Overhead charges	0.50	0.25	0.25	1.00
<b>Sub Total- II (1-5)</b>	<b>6.11</b>	<b>5.61</b>	<b>5.88</b>	<b>17.60</b>
<b>GRAND TOTAL (I+II)</b>	<b>26.11</b>	<b>5.61</b>	<b>5.88</b>	<b>37.60</b>

2.7.2 Thiruvalluvar University, Vellore, Tamilnadu

(₹ in lakhs)

Heads	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
<b>I. Non-Recurring</b> (Equipments and accessories)	4.10	0.00	0.00	4.10
<b>Sub Total- I</b>	<b>4.10</b>	<b>0.00</b>	<b>0.00</b>	<b>4.10</b>
<b>II. Recurring</b>				
1. Manpower	2.11	2.11	2.38	6.60
2. Consumables	2.00	2.00	1.50	5.50
3. Travel	0.30	0.30	0.40	1.00
4. Contingency	0.30	0.30	0.20	0.80
5. Overhead charges	0.30	0.30	0.20	0.80
<b>Sub Total- II (1-5)</b>	<b>5.01</b>	<b>5.01</b>	<b>4.68</b>	<b>14.70</b>
<b>GRAND TOTAL (I+II)</b>	<b>9.11</b>	<b>5.01</b>	<b>4.68</b>	<b>18.80</b>

(i) Grand total for 3 years (37.60+ 18.80) = ₹ 56.40 lakhs

(ii) Total for 1<sup>st</sup> year release (26.11+ 9.11) = ₹ 35.22 lakhs



## 2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I**.

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

## 2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their Dy No. 102/I.F.D/SAN/3191-3196/2014-2015 Dated 1/11/2014.

2.10.1 This sanction order has been noted at Serial No. .... in the Register of Grants.

433-434

5/10/14

- 2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.
- 3.0- M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

*Vaishali Panjabi*

(Dr. Vaishali Panjabi)  
Scientist 'D'

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

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Dibrugarh University, Dibrugarh, Assam 786004
6. The Registrar, Thiruvalluvar University, Serkadu, Vellore-632 115, Tamilnadu.
7. The Vice-Chancellor, Dibrugarh University, Dibrugarh, Assam 786004
8. The Vice-Chancellor, Thiruvalluvar University, Serkadu, Vellore-632 115, Tamilnadu.
9. Dr. Pankaj Das, Professor, Dept. of Chemistry, Dibrugarh University, Dibrugarh, Assam 786004.
10. Dr. G. Singaravela, Assistant Professor, Dept. of Zoology, Thiruvalluvar University, Serkadu, Vellore-632 115, Tamilnadu.
11. Concern file.
12. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5<sup>th</sup> Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

*7/07*

**VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.**

*Vaishali Panjabi*

(Dr. Vaishali Panjabi)  
Scientist 'D'



## भारतीय आयुर्विज्ञान अनुसंधान परिषद 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 35/6/2010-BMS

Date: 20.3.2012

*Speed Post*

The Registrar  
Thiruvalluvar University,  
Fort Campus, Vellore 632004

Subject:- Sanction of budget allotment for the new Research proposal entitled "Biosynthesis of silver nanoparticles and their anti-HIV activity"

Sir/Madam,

The Director General of the Council sanctions the above mentioned research scheme initially for the period of one year from 30.3.2012 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. 11,20,090/- as detailed in the attached statement for the period from 30.3.2012 to 29.3.2013. 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 YEAR. 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.

The receipt of this letter may please be acknowledge.

Yours faithfully,

Admn. Officer  
For Director General

Copy together with a copy of the budget statement forwarded to information to Dr.G. Singaravelu, Head, Deptt. Of Zoology, Thiruvalluvar University, Fort Campus, Vellore 632004

2. Accounts. V. for information.
3. Copy together with the budget forwarded to Budget Section [Finance Section] for compilation of the Council Budget
4. IRIS Cell No.

*B. Jay*  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

*f. d. Co. Fele*  
Admn. Officer  
For Director General

**NO. SB/YS/LS-40/2013**  
**SCIENCE & ENGINEERING RESEARCH BOARD**

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

Dated: 6 September, 2013

**ORDER**

Subject: Financial Sanction of the research project titled "Electrochemical & biocorrosion behavior of thermophilic/harophilic bacteria with special reference to petroleum industry" under the guidance of Dr. Rajasekar Aruliah, Deptt. of Biotechnology, Thiruvalluvar University, Serkkadu, Vellore-632115, Tamil Nadu.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 11,20,000/- (Rs. Eleven Lakh Twenty Thousand Only) with break-up of Rs. Nil under Capital head and Rs. 11,20,000/- under General head for a duration of three years. The items of expenditure for which the total allocation of Rs. 11,20,000/- has been approved for a period of three years, are given below:

Sl. No	Head	Total (in Rs.) for 3 years
<b>A</b>	<b>Non-recurring (Capital Items)</b>	
1	Equipment	Nil
A'	Total (Capital)	Nil
<b>B</b>	<b>Recurring Items (General)</b>	
1	General - A (Manpower, Consumables, Travel, Contingencies, Analytical/Biological Analysis Charges)	9,40,000
2	General - B (Overhead Charges)	1,80,000
B'	Total (General)	11,20,000
C	Total cost of the project (A' + B') for 3 years	11,20,000

2. Sanction of the SERB is also accorded to the payment of Rs. Nil under 'Grants for creation of Capital assets' and Rs. 3,00,000/- (Rs. Three Lakh Only) under 'Grants-in-aid -General' to the REGISTRAR, THIRUVALLUVAR UNIVERSITY, VELLORE being the grant for the year 2013-14 for implementation of the said research project.

3. The expenditure involved is debitable to

**Grant-in-aid for the year 2013-14 (Plan Expenditure- General) - Rs. 3,00,000/-**

This release is made under OYS Scheme.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. SERB/F/3570/2013-14 dated 6.09.2013.

5. Sanction of the grant is subject to the conditions as detailed in guidelines available at [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.



Contd...2/-


**VICE-CHANCELLOR**  
**THIRUVALLUVAR UNIVERSITY**  
**SERKADU, VELLORE - 632 115.**

7. While providing operational flexibility among various subheads under head General-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
8. The total release amount of **Rs. 3,00,000/- (Rs.Three Lakh Only)** will be drawn by the Drawing & Disbursing Officer of the SERB and will be disbursed by means of cheque/DD favouring "**REGISTRAR, THIRUVALLUVAR UNIVERSITY, VELLORE**" and will be sent to Registrar, Thiruvalluvar University, Serkkadu, Vellore-632115.
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 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 etc. beyond the duration of the project.
11. The institute will furnish to the SERB, New Delhi, Utilization certificate 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. It is found expedient to keep a part or whole of grant in a separate bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.
13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.
14. The project File no. **SB/YS/LS-40/2013** may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
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 favouring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

(Jacob V.V.)  
Scientist-B

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

1	The Principal Director of Audit, A.G.C.R. Building, 11th Floor I.P. Estate, Delhi-110002
2	Copy with two spare copies of the sanction to the Drawing and Disbursing Officer, SERB, New Delhi
3	Pay Accounts Officer, SERB, New Delhi
4	Sanction Folder, SERB, New Delhi.
5	File Copy
6	Dr. Rajasekar Aruhah Deptt. of Biotechnology Thiruvalluvar University Serkkadu, Vellore-632115 Tamil Nadu  (Start date of the project may be intimated by name to the undersigned. Please visit website <a href="http://www.serb.gov.in">www.serb.gov.in</a> for all formats and guidelines etc.)
7	Registrar Thiruvalluvar University Serkkadu, Vellore-632115  (Receipt of Cheque/DD may be intimated by name to the undersigned.)

  
**VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.**

(Jacob V.V.)  
Scientist-B

Speed Post  
Immediate

Z-28015/258/2015-HPC (EMR)-AYUSH-E  
Government of India  
Ministry of AYUSH

3.4.5  
333

**OFFICE MEMORANDUM**

**Subject:** Project submitted under EMR scheme of Ministry of AYUSH – reg

The undersigned is directed to refer to EMR study titled “Enumerative and analytical study on certain Siddha drugs against enteric and superficial skin infective microbial pathogens’. The study was placed before the Project Approval Committee meeting held on 23.02.2016 at Ministry of AYUSH, under the Chairmanship of Secretary, Ministry of AYUSH.

2. In this regard, it is to inform you that your project has been approved by PAC. You are requested to register under CPSMS at the website [www.cpsms.nic.in](http://www.cpsms.nic.in) and send the unique identity code and other registration details and furnish the following documents related to your study.


- i. Bond for an amount of Rs.35,02,800 /-.
- ii. An undertaking that terms & conditions of the grant are acceptable to the organization.
- iii. Pre-stamped receipt as per format enclosed for Rs. 14,95,160/-.
- iv. Account details (Requisition form for the Electronic Transfer of Funds (ETF) )
- v. No financial assistance certificate
- vi. Agency details

  
(Kundan Bharti Sinha)

Under Secretary to the Govt. of India

To

Dr. Ernest David, Professor & Head,  
Dept. of Biotechnology,  
Thiruvalluvar University,  
Vellore-632115 (T.N.)

  
VICE-CHANCELLOR  
THIRUVALLUVAR UNIVERSITY  
SERKADU, VELLORE - 632 115.

Dr. S. Balarama Kaimal, Scientist Pushpagiri Research Centre Pushpagiri Institute of Medical Science and Research Centre Tiruvalla- 689101, Kerala	Equipment	1,200,000					1,200,000
	Books	25,000	25,000		50000	50000	150,000
	Other Non-Recurring Expenditure	25,000	25000	12500	43750	43750	150,000
	Overhead Expenditure				100000	100000	200,000
	Recurring Expenditure						
	TA/DA	50,000	25,000	25,000	100,000	100,000	300,000
	Institutional support						
	Fee of PI & Co-I				67,500	67500	135,000
	Miscellaneous expenses						
	<b>Total</b>	<b>3020000</b>	<b>1295000</b>	<b>1185000</b>	<b>687500</b>	<b>687500</b>	<b>6875000</b>

9. Enumerative and analytical study on certain Siddha drugs against enteric and superficial skin infective microbial pathogens

Dr. Ernest David, Professor & Head, Dept. of Biotechnology, Thiruvalluvar University, Vellore-632115 (T.N.)

Siddha The project Approval Committee approved the total grant -in-aid of Rs 3502800 for this project for three years. The committee also approved release of Rs 1495160 as 1<sup>st</sup> Installment with head wise allocation of the grant-in-aid as given below.

Heads	In Rs					
	1st Instt.	2nd Instt.	3rd Instt.	remaining amount (10%)	Withheld amount (10%)	Total
Salary Sr. Research Fellow(SRF)	369600	369600	369600			1108800
Equipment 1.Laminar air flow(horizontal) 2.Deep Freezer (- 20oC) 3.Rotary shaker 4.Vacuum evaporator	700560					700560
Books & Journals	85000					85000
Other Non-Recurring Expenditure	100000	100000	100000		100000	400000
Recurring Expenditure	140000	100000	100000	75000	75000	490000
TA/DA	50000	50000	50000			150000
Institutional Support			17880	107780	7780	133440
Fee of PI and Co I(s)				67500	67500	135000
Miscellaneous Expenses	50000	25000	25000	100000	100000	300000
<b>Total</b>	<b>1495160</b>	<b>644600</b>	<b>662480</b>	<b>350280</b>	<b>350280</b>	<b>3502800</b>

*Deeba*

*STony*  
**VICE-CHANCELLOR**  
**THIRUVALLUVAR UNIVERSITY**  
**8 SERKADU, VELLORE - 632 115.**