

The updated RTGS details of the Ramniranjan Jhunjhunwala College , Opp. ghatkopar railway station, ghatkopar west, mumbai, Mumbai suburban, Maharashtra-400086 is as below:

PFMS Unique Code	RJCM
Account Name	R. J. College DBT A/C
Account Number	002010100070880
Bank Name & Branch	Bank of India Ghatkopar West, Mahatma Gandhi Road Mumbai 400 086
IFSC/RTGS Code	BKID0000020
Email id of A/C Holder	rjcollege@rjcollege.edu.in

*gahokh*  
21/3/2022

डॉ. नीलोत्पल घोष  
वैज्ञानिक 'एफ'

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**Principal**  
Ramniranjan Jhunjhunwala College,  
Ghatkopar (W), Mumbai-400086.

FILE NO. CRG/2021/005339  
**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: 19 March, 2022

**ORDER**

Subject: Financial Sanction of the research project titled **Nonlinear Dynamical modeling of Swaying Trees** under the guidance of Dr. Kiran Murlidhar Kolwankar, Physics, Ramniranjan Jhunjhunwala College, Opp. . ghatkopar railway station, ghatkopar west, mumbai, Mumbai suburban, Maharashtra-400086 - 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. 2314576/-** (Rs. Twenty Three Lakh Fourteen Thousand Five Hundred and Seventy Six Only) with break-up of **Rs. 360800/-** under Capital (Non-recurring) head and **Rs.1953776/-** under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2314576/-** has been approved are given below:

The following budget may be considered for **Ramniranjan Jhunjhunwala College, Opp. Ghatkopar Railway Station, Ghatkopar West, Mumbai**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Workstation -> Laptop	360800
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>360800</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1443360 300000 0
2	Recurring - IV : (Overhead Charges)	210416
<b>B'</b>	<b>Total (Recurring)</b>	<b>1953776</b>
<b>C</b>	<b>Total cost of the project (A + B')</b>	<b>2314576</b>

- 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-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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 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.
- 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.
- 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

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**Principal**  
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FILE NO. CRG/2021/005339-G  
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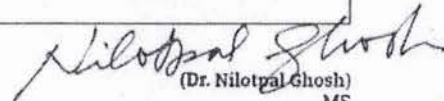
Dated: 19 March, 2022

**ORDER**

Subject: Research project entitled **Nonlinear Dynamical modeling of Swaying Trees** under the guidance of Dr. Kiran Murlidhar Kolwankar, Physics, Ramniranjan Jhunjhunwala College, Opp. ghatkopar railway station, ghatkopar west, mumbai, Mumbai suburban, Maharashtra-400086.

1. In continuation of SERB's sanction order No. CRG/2021/005339 dated 19 March, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.661200/-** under 'Grants-in-aid General' to Ramniranjan Jhunjhunwala College, Opp. Ghatkopar Railway Station, Ghatkopar West, Mumbai, Mumbai Suburban, Maharashtra-400086 being the grant for the financial year 2021-2022 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](http://www.serb.gov.in)) and as mentioned in the sanction order of even number dated 19 March, 2022.
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 debit to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Physics-2 (Lasers Optics Atomic & Molecular Physics, Plasma High Energy Nuclear Physics Astronomy & Astrophysics and Nonlinear dynamics)**) (General).
5. The Sanction has been issued with the approval of the competent authority on 17 March, 2022 and vide Diary No. SERB/F/10493/2021-2022 dated 19 March, 2022..
6. The release amount of **Rs. 661200/-** (Rupees Six Lakh Sixty One Thousand Two Hundred 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	RJCM
Account Name	R. J. College DST A/C
Account Number	0129101108553
Bank Name & Branch	Canara Bank Ghatkopar (West) R. P. Shah Building, Opp. Railway Station, Ghatkopar (W), Mumbai 400086
IFSC/RTGS Code	CNRB0000129
Email id of A/C Holder	rjcollege@rjcollege.edu.in
Email id of PI	Kiran.Kolwankar@gmail.com


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

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Kiran Murlidhar Kolwankar Physics Ramniranjan Jhunjhunwala College, Opp. ghatkopar railway station, ghatkopar west, mumbai, Mumbai suburban, Maharashtra-400086 Email: Kiran.Kolwankar@gmail.com Mobile: 919920381051 (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> .)

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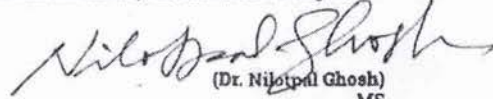
  
**Principal**  
Ramniranjan Jhunjhunwala College,  
Ghatkopar (W), Mumbai-400086.

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/2021/005339 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.

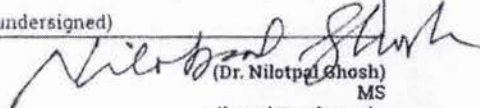
14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

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

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Under Secretary  
SERB, New Delhi

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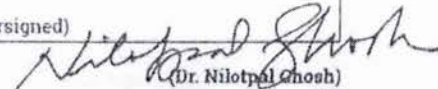
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4.	<b>Dr. Kiran Murlidhar Kolwankar</b> Physics Ramniranjan Jhunjhunwala College, Opp. ghatkopar railway station, ghatkopar west, mumbai, Mumbai suburban, Maharashtra-400086 Email: Kiran.Kolwankar@gmail.com Mobile: 919920381051 (Start date of the project 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>Principal,</b> Ramniranjan Jhunjhunwala College, Opp. Ghatkopar Railway Station, Ghatkopar West, Mumbai (Receipt of Grant may be intimated by name to the undersigned)

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

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Account Number	002010100070880
Bank Name & Branch	Bank of India Ghatkopar West, Mahatma Gandhi Road Mumbai 400 086
IFSC/RTGS Code	BKID0000020
Email id of A/C Holder	rjcollege@rjcollege.edu.in

*Shah*  
21/3/2022

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*[Signature]*

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FILE NO. CRG/2021/005339-C  
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)  
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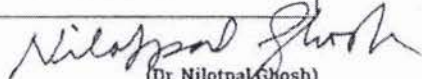
Dated: 19 March, 2022

**ORDER**

Subject: Research project entitled **Nonlinear Dynamical modeling of Swaying Trees** under the guidance of Dr. Kiran Murlidhar Kolwankar, Physics, Ramniranjan Jhunjhunwala College, Opp. ghatkopar railway station, ghatkopar west, mumbai, Mumbai suburban, Maharashtra-400086.

1. In continuation of SERB's sanction order No. CRG/2021/005339 dated 19 March, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of Rs.360800/- under 'Grants-in-aid Capital' to Ramniranjan Jhunjhunwala College, Opp. Ghatkopar Railway Station, Ghatkopar West, Mumbai, Mumbai Suburban, Maharashtra-400086 being the grant for the financial year 2021-2022 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](http://www.serb.gov.in)) and as mentioned in the sanction order of even number dated 19 March, 2022.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Physics-2 (Lasers Optics Atomic & Molecular Physics, Plasma High Energy Nuclear Physics Astronomy & Astrophysics and Nonlinear dynamics)**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on 17 March, 2022 and vide Diary No. SERB/F/10492/2021-2022 dated 19 March, 2022.
6. The release amount of Rs. 360800/- (Rupees Three Lakh Sixty Thousand Eight Hundred 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	RJCM
Account Name	R. J. College DST A/C
Account Number	0129101108553
Bank Name & Branch	Canara Bank Ghatkopar (West) R. P. Shah Building, Opp. Railway Station, Ghatkopar (W), Mumbai 400086
IFSC/RTGS Code	CNRB0000129
Email id of A/C Holder	rjcollege@rjcollege.edu.in
Email id of PI	Kiran.Kolwankar@gmail.com

  
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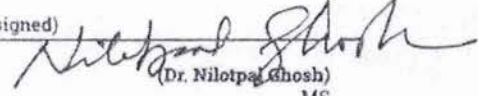
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5.	Principal, Ramniranjan Jhunjhunwala College, Opp. Ghatkopar Railway Station, Ghatkopar West, Mumbai (Receipt of Grant may be intimated by name to the undersigned)
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