



DrSanjay Tiwari &lt;drsanjaytiwari@gmail.com&gt;

## SERB-Notification

1 message

**SERB\_Administrator@serbonline.in** <SERB\_Administrator@serbonline.in>  
To: "info@serbonline.in"@imsva02.cdacnoida.in

6 August 2018 at 10:32



## Science and Engineering Research Board

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

FILE NO. EMR/2017/000431

### 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: 12-Jul-2018

### ORDER

Subject: Financial Sanction of the research project titled "**Development of Highly Efficient CdTe/CdS Tandem Multijunction Photovoltaic System Through Optimization of Various Components**" under the guidance of Dr. Ayush Khare, Physics, National Institute of Technology, Raipur , Nit raipur,G.e. road, raipur, Raipur, Chhattisgarh-492010 - Dr.Sanjay Tiwari Electronics ,Co-PI Pt. Ravishankar Shukla University,Raipur 492010Release 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. 3490520/- (Rs. Thirty Four Lakh Ninety Thousand Five Hundred and Twenty Only)** with break-up of **Rs. 1500000/- under Capital (Non-recurring) head** and **Rs.1990520/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3490520/-** has been approved are given below:

The following budget may be considered for **National Institute Of Technology, Raipur, NIT Raipur,G.E. Road, Raipur**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Solar Simulator Class AAA	1500000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1500000</b>

<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower)	1123200
	Recurring - II : ( Consumables, Travel, Contingencies)	550000
2	Recurring - III : (Overhead Charges)	317320
<b>B'</b>	<b>Total (Recurring)</b>	<b>1990520</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3490520</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1500000/-** (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 663506/-** (Rupees Six Lakh Sixty Three Thousand Five Hundred and Six only) under 'Grants-in-aid General' to **DIRECTOR, National Institute Of Technology, Raipur, NIT Raipur,G.E. Road, Raipur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

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

**This release is being made under Core Research Grant. (PAC Physical Sciences)**

4. The Sanction has been issued to National Institute Of Technology, Raipur, NIT Raipur,G.E. Road, Raipur with the approval of the competent authority under delegated powers on **18 June, 2018** and vide Diary No. **SERB/F/3929/2018-2019** dated **11 July, 2018**

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

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

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

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

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

10. The release amount of **Rs. 2163506/-** (Rupees Twenty One Lakh Sixty Three Thousand Five Hundred and Six only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

<b>Account Name</b>	<b>DIRECTOR, NIT RAIPUR</b>
<b>Account Number</b>	<b>30007211525</b>
<b>Bank Name &amp; Branch</b>	<b>State Bank Of India GCET RAIPUR</b>
<b>IFSC/RTGS Code</b>	<b>SBIN0002852</b>
<b>Email id of A/C Holder</b>	<a href="mailto:director@nitrr.ac.in">director@nitrr.ac.in</a>
<b>Email id of PI</b>	<a href="mailto:akhare.phy@nitrr.ac.in">akhare.phy@nitrr.ac.in</a>

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

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

13. The project File no. EMR/2017/000431 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. Nilotpal Ghosh)**

MS

[nilotpal@serb.gov.in](mailto: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.	<p><b>Dr. Ayush Khare</b>  <b>Physics</b>  <b>National Institute of Technology, Raipur , Nit raipur,G.e. road, raipur, Raipur, Chhattisgarh-492010</b>  <b>Email: <a href="mailto:akhare.phy@nitrr.ac.in">akhare.phy@nitrr.ac.in</a></b>  <b>Mobile: 919425213445</b></p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>DIRECTOR,</b>  <b>National Institute Of Technology, Raipur, NIT Raipur,G.E. Road, Raipur</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

**(Dr. Nilotpal Ghosh)**

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[nilotpal@serb.gov.in](mailto:nilotpal@serb.gov.in)

\*\*\*\*\* LEGAL DISCLAIMER \*\*\*\*\*

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# Pt. Ravishankar Shukla University

Raipur (C.G.)

Website : www.prsu.ac.in | E-mail : registrarprsu@gmail.com

**Dharmesh Kumar Sahu (IAS)**  
Registrar

Ph. : 0771-2262540 (Office)  
0771-2262818 (Fax)

No. / 413/Reg./2017

Raipur, Date 8/03/2017

## Endorsement from the Head of the Institution

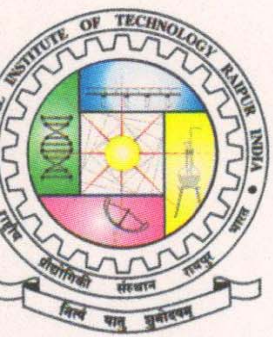
### This is to certify that:

1. Certified that the institution welcomes participation of **Dr. Ayush Khare** as Principal Investigator and **Dr. Sanjay Tiwari** as Co- Investigator for the project titled **Development of Highly Efficient CdTe/CdS Tandem Multijunction Photovoltaic System Through Optimization of Various Components** and that is in the unforeseen event of discontinuance by Principal Investigator, the Principal Co- Investigator will assume the responsibility of the fruitful completion of the project with due information to SERB.
2. The date of project starts from the date on which the University/Institute/Organisation/College receives the grant from SCIENCE & ENGINEERING RESEARCH BOARD (SERB), New Delhi.
3. The investigator will be governed by the rules and regulations of University/Institute/Organisation/College and will be under administrative control of the University/Institute/Organisation/College for the duration of the project.
4. The grant-in-aid by the SCIENCE & ENGINEERING RESEARCH BOARD (SERB), New Delhi will be used to meet the expenditure on the project and for the period for which the project has been sanctioned as mentioned in the sanction order.
5. No administrative or other liability will be attached to SCIENCE & ENGINEERING RESEARCH BOARD (SERB), New Delhi at the end of the project.
6. The University/Institute/Organisation/College will provide basic infrastructure and other required facilities to the investigator for undertaking the research project.
7. The University/Institute/Organisation/College will take into its books all assets created in the above project and its disposal would be at the discretion of SCIENCE & ENGINEERING RESEARCH BOARD (SERB), New Delhi.
8. The University/Institute/Organisation/College assume to undertake the financial and other management responsibilities of the project.

Registrar

REGISTRAR  
Pt. Ravishankar Shukla University  
RAIPUR (Chhattisgarh)





राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर  
NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

(An Institute of National Importance)

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Phone : +91-771-4270619

Fax : +91-771-2253104

Website : www.nitr.ac.in

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Seal of Institute



Director, NIT Raipur

  
27/12/16