

FILE NO. SPR/2021/000538-G  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(A statutory body of the Department of Science & Technology, Government of India)  
Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 29 November, 2022

**ORDER**

Subject: Research project entitled **Development of machine for rapid fabrication of the biocompatible microneedles, followed by clinical testing** under the guidance of Prof. Prasanna S Gandhi, Mechanical Engineering, Indian Institute of Technology Bombay, IIT Po Powai, Mumbai, Mumbai city, Maharashtra-400076 and by Dr. Kiran Suresh Bhole, Associate Professor, Mechanical Engineering, Sardar Patel College Of Engineering and by Dr. Praveen Kumar Vemula, Associate Investigator, Integrative Chemical Biology, Institute For Stem Cell Biology And Regenerative Medicine.

1. In continuation of SERB's sanction order No. SPR/2021/000538 dated 29 November, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1701861/-** under 'Grants-in-aid General' to Indian Institute Of Technology Bombay, IIT Po Powai, Mumbai, Mumbai City, Maharashtra-400076 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 29 November, 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 debitable to Fund for Science & Engineering Research (FSER) This release is being made under SUPRA (**PAC SERB-SUPRA**) (General).
5. The Sanction has been issued with the approval of the competent authority on **24 November, 2022** and vide Diary No. **SERB/F/7278/2022-2023** dated **26 November, 2022..**
6. The release amount of **Rs. 1701861/-** (Rupees Seventeen Lakh One Thousand Eight Hundred and Sixty One 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	IITBombay
Account Name	IITB PROJECT AND CONSULTANCY
Account Number	2724101113370
Bank Name & Branch	CANARA BANK IIT POWAI, MUMBAI-400076
IFSC/RTGS Code	CNRB0002724
Email id of A/C Holder	ar.account@ircc.iitb.ac.in
Email id of PI	gandhi@me.iitb.ac.in

(Dr. Shilpi Paul)  
Scientist F


mspac\_supra@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

4.	<p><b>Prof. Prasanna S Gandhi</b>  <b>Mechanical Engineering</b>  <b>Indian Institute of Technology Bombay , IIT PO Powai, Mumbai, Mumbai city, Maharashtra-400076</b>  <b>Email: gandhi@me.iitb.ac.in</b>  <b>Mobile: 919967352262</b></p> <p><b>Dr. Kiran Suresh Bhole</b>  <b>Mechanical Engineering</b>  <b>Sardar Patel College Of Engineering</b></p> <p><b>Dr. Praveen Kumar Vemula</b>  <b>Integrative Chemical Biology</b>  <b>Institute For Stem Cell Biology And Regenerative Medicine</b>  (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>Assistant Registrar,</b>  <b>Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai</b>  (Receipt of Grant may be intimated by name to the undersigned)</p>

  
**(Dr. Shilpi Paul)**  
Scientist F

mshpac\_supra@serbonline.in



FILE NO. SPR/2021/000538  
**SCIENCE & ENGINEERING RESEARCH BOARD**

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

Dated: 29-Nov-2022

**ORDER**

Subject: Financial Sanction of the research project titled "**Development of machine for rapid fabrication of the biocompatible microneedles, followed by clinical testing**" under the guidance of Prof. Prasanna S Gandhi, Mechanical Engineering, Indian Institute of Technology Bombay, IIT Powai, Mumbai, Maharashtra-400076 and by Dr. Kiran Suresh Bhole, Associate Professor, Mechanical Engineering, Sardar Patel College Of Engineering and by Dr. Praveen Kumar Vemula, Associate Investigator, Integrative Chemical Biology, Institute For Stem Cell Biology And Regenerative Medicine - 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. 11758472/- (Rs. Rupees One Crore Seventeen Lakh Fifty Eight Thousand Four Hundred and Seventy Two only Only)** with break-up of **Rs. 3230000/- under Capital (Non-recurring) head and Rs. 8528472/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 11758472/-** has been approved are given below:

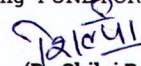
The following budget may be considered for **Institute For Stem Cell Biology And Regenerative Medicine, National Centre For Biological Sciences, Tata Institute Of Fundamental Research, GKVK, Bellary Road, Bangalore**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment	0
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>0</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Research Personnel)	2098080
	Recurring - II : ( Consumables, Travel, Contingencies)	1050000
	Recurring - III : Scientific Social Responsibility	0
2	Recurring - IV : (Overhead Charges)	314808
<b>B'</b>	<b>Total (Recurring)</b>	<b>3462888</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3462888</b>

The following budget may be considered for **Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Microscope -> Motorized XY micro-positioning stages -> Optical Shutter (AOM) -> Power Supply -> Solid state laser -> UV and visible optics components (mirrors, beam coupler ND filter, lenses and crosswire) and optomec -> Voice Coil Actuators -> Current Amplifiers -> Freeze Dryer	3230000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>3230000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Research Personnel)	3541440
	Recurring - II : ( Consumables, Travel, Contingencies)	750000
	Recurring - III : Scientific Social Responsibility	20000
2	Recurring - IV : (Overhead Charges)	754144
<b>B'</b>	<b>Total (Recurring)</b>	<b>5065584</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>8295584</b>

2. 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)).
3. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
4. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
5. 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.
6. 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.
7. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project
8. 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.
9. The sanctioned equipments and consumables would be produced as per GFR 2005 and its disposal would be done with prior approval of SERB.
10. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

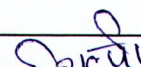
  
(Dr. Shilpi Paul)  
Scientist F

[mspac\\_supra@serbonline.in](mailto:mspac_supra@serbonline.in)

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p><b>Prof. Prasanna S Gandhi</b> Mechanical Engineering Indian Institute of Technology Bombay, IIT Powai, Mumbai, Mumbai city, Maharashtra-400076 Email: <a href="mailto:gandhi@me.iitb.ac.in">gandhi@me.iitb.ac.in</a> Mobile: 919967352262</p> <p><b>Dr. Kiran Suresh Bhole</b> Mechanical Engineering Sardar Patel College Of Engineering</p> <p><b>Dr. Praveen Kumar Vemula</b> Integrative Chemical Biology Institute For Stem Cell Biology And Regenerative Medicine (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>Head Administration,</b> Institute For Stem Cell Biology And Regenerative Medicine, National Centre For Biological Sciences, Tata Institute Of Fundamental Research, GKVK, Bellary Road, Bangalore Assistant Registrar, Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Shilpi Paul)  
Scientist F

[mspac\\_supra@serbonline.in](mailto:mspac_supra@serbonline.in)



**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: 29 November, 2022

**ORDER**

Subject: Financial Sanction of the research project titled **Development of machine for rapid fabrication of the biocompatible microneedles, followed by clinical testing** under the guidance of Prof. Prasanna S Gandhi, Mechanical Engineering, Indian Institute of Technology Bombay, IIT PO Powai, Mumbai, Mumbai city, Maharashtra-400076 and by Dr. Kiran Suresh Bhole, Associate Professor, Mechanical Engineering, Sardar Patel College Of Engineering and by Dr. Praveen Kumar Vemula, Associate Investigator, Integrative Chemical Biology, Institute For Stem Cell Biology And Regenerative Medicine - 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. 8295584/- (Rs. Eighty Two Lakh Ninety Five Thousand Five Hundred and Eighty Four Only)** with break-up of **Rs. 3230000/- under Capital (Non-recurring) head** and **Rs. 5065584/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 8295584/-** has been approved are given below:

The following budget may be considered for **Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Current Amplifiers -> Freeze Dryer -> Microscope -> Motorized XY micro-positioning stages -> Optical Shutter (AOM) -> Power Supply -> Solid state laser -> UV and visible optics components (mirrors, beam coupler ND filter, lenses and crosswire) and optomec -> Voice Coil Actuators	3230000
A'	Total (Non-Recurring)	3230000
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Research Personnel) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	3541440 750000 20000
2	Recurring - IV : (Overhead Charges)	754144
B'	Total (Recurring)	5065584
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>8295584</b>

2. 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)).

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

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

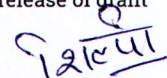
5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

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

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

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

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project
11. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
12. The project File no. SPR/2021/000538 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.



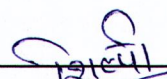
(Dr. Shilpi Paul)  
Scientist F

mspac\_supra@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

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4.	<p><b>Prof. Prasanna S Gandhi</b> Mechanical Engineering Indian Institute of Technology Bombay, IIT Powai, Mumbai, Mumbai city, Maharashtra-400076 Email: <a href="mailto:gandhi@me.iitb.ac.in">gandhi@me.iitb.ac.in</a> Mobile: 919967352262</p> <p><b>Dr. Kiran Suresh Bhole</b> Mechanical Engineering Sardar Patel College Of Engineering</p> <p><b>Dr. Praveen Kumar Vemula</b> Integrative Chemical Biology Institute For Stem Cell Biology And Regenerative Medicine (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>Assistant Registrar,</b> <b>Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai</b> (Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. Shilpi Paul)  
Scientist F

mspac\_supra@serbonline.in



FILE NO. SPR/2021/000538-C  
**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: 29 November, 2022

**ORDER**

Subject: Research project entitled **Development of machine for rapid fabrication of the biocompatible microneedles, followed by clinical testing** under the guidance of Prof. Prasanna S Gandhi, Mechanical Engineering, Indian Institute of Technology Bombay, IIT Po Powai, Mumbai, Mumbai City, Maharashtra-400076 and by Dr. Kiran Suresh Bhole, Associate Professor, Mechanical Engineering, Sardar Patel College Of Engineering and by Dr. Praveen Kumar Vemula, Associate Investigator, Integrative Chemical Biology, Institute For Stem Cell Biology And Regenerative Medicine.

1. In continuation of SERB's sanction order No. SPR/2021/000538 dated 29 November, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.3230000/-** under 'Grants-in-aid Capital' to Indian Institute Of Technology Bombay, IIT Po Powai, Mumbai, Mumbai City, Maharashtra-400076 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 29 November, 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 debitable to Fund for Science & Engineering Research (FSER) This release is being made under SUPRA (**PAC SERB-SUPRA**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on **24 November, 2022** and vide Diary No. **SERB/F/7277/2022-2023** dated **26 November, 2022**.
6. The release amount of **Rs. 3230000/-** (Rupees Thirty Two Lakh Thirty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	IITBombay
Account Name	IITB PROJECT AND CONSULTANCY
Account Number	2724101113370
Bank Name & Branch	CANARA BANK IIT POWAI, MUMBAI-400076
IFSC/RTGS Code	CNRB0002724
Email id of A/C Holder	ar.account@ircc.iitb.ac.in
Email id of PI	gandhi@me.iitb.ac.in

(Dr. Shilpi Paul)  
Scientist F

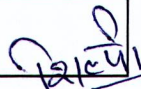
mspac\_supra@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
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4.	<p><b>Prof. Prasanna S Gandhi</b>  <b>Mechanical Engineering</b>  <b>Indian Institute of Technology Bombay , IIT PO Powai, Mumbai, Mumbai city, Maharashtra-400076</b>  <b>Email: <a href="mailto:gandhi@me.iitb.ac.in">gandhi@me.iitb.ac.in</a></b>  <b>Mobile: 919967352262</b></p> <p><b>Dr. Kiran Suresh Bhole</b>  <b>Mechanical Engineering</b>  <b>Sardar Patel College Of Engineering</b></p> <p><b>Dr. Praveen Kumar Vemula</b>  <b>Integrative Chemical Biology</b>  <b>Institute For Stem Cell Biology And Regenerative Medicine</b>          (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>Assistant Registrar,</b>  <b>Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai</b>          (Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. Shilpi Paul)  
 Scientist F  
[mspac\\_supra@serbonline.in](mailto:mspac_supra@serbonline.in)



FILE NO. SPR/2021/000538  
**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: 29 November, 2022

**ORDER**

Subject: Financial Sanction of the research project titled "**Development of machine for rapid fabrication of the biocompatible microneedles, followed by clinical testing**" under the guidance of Prof. Prasanna S Gandhi, Mechanical Engineering, Indian Institute of Technology Bombay, IIT Powai, Mumbai, Mumbai city, Maharashtra-400076 and by Dr. Kiran Suresh Bhole, Associate Professor, Mechanical Engineering, Sardar Patel College Of Engineering and by Dr. Praveen Kumar Vemula, Associate Investigator, Integrative Chemical Biology, Institute For Stem Cell Biology And Regenerative Medicine - 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. 3462888/- (Rs. Thirty Four Lakh Sixty Two Thousand Eight Hundred and Eighty Eight Only)** with break-up of **Rs. 0/- under Capital (Non-recurring) head** and **Rs. 3462888/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3462888/-** has been approved are given below:

The following budget may be considered for **Institute For Stem Cell Biology And Regenerative Medicine, National Centre For Biological Sciences, Tata Institute Of Fundamental Research, GKVK, Bellary Road, Bangalore**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment	0
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>0</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Research Personnel) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	2098080 1050000 0
2	Recurring - IV : (Overhead Charges)	314808
<b>B'</b>	<b>Total (Recurring)</b>	<b>3462888</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3462888</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1154296/- (Rupees Eleven Lakh Fifty Four Thousand Two Hundred and Ninety Six only)** under 'Grants-in-aid General' to **Head Administration , Institute For Stem Cell Biology And Regenerative Medicine, National Centre For Biological Sciences, Tata Institute Of Fundamental Research, GKVK, Bellary Road, Bangalore** being the first installment of the grant for the year 2022-2023 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 Scientific and Useful Profound Research Advancement (SUPRA). (PAC SERB-SUPRA)**

4. The Sanction has been issued to Institute For Stem Cell Biology And Regenerative Medicine, National Centre For Biological Sciences, Tata Institute Of Fundamental Research, GKVK, Bellary Road, Bangalore with the approval of the competent authority under delegated powers on **24 November, 2022** and vide Diary No. **SERB/F/7279/2022-2023 dated 26 November, 2022**

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

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

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

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

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



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

11. The release amount of **Rs. 1154296/-** (Rupees Eleven Lakh Fifty Four Thousand Two Hundred and Ninety 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>PFMS Unique Code</b>	inStem
<b>Account Name</b>	Institute For Stem Cell Science and Regenerative Medicine
<b>Account Number</b>	0363104000100748
<b>Bank Name &amp; Branch</b>	R.T. NAGAR BRANCH GROUND FLOOR, PECIFIC ARCADE, 173 M.L.A. LAYOUT, R.T. NAGAR, MAIN ROAD, BENGALURU - 560032
<b>IFSC/RTGS Code</b>	IBKL0000363
<b>Email id of A/C Holder</b>	headadm@instem.res.in
<b>Email id of PI</b>	gandhi@me.iitb.ac.in

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

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

14. The project File no. SPR/2021/000538 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

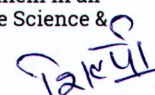
15. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

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



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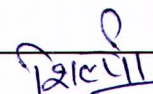
To,  
Under Secretary  
SERB, New Delhi

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>Prof. Prasanna S Gandhi</b>  <b>Mechanical Engineering</b>  <b>Indian Institute of Technology Bombay , lit po powai, mumbai, Mumbai city, Maharashtra-400076</b>  <b>Email: praveenv@instem.res.in</b>  <b>Mobile: 919686011982</b></p> <p><b>Dr. Kiran Suresh Bhole</b>  <b>Mechanical Engineering</b>  <b>Sardar Patel College Of Engineering</b></p> <p><b>Dr. Praveen Kumar Vemula</b>  <b>Integrative Chemical Biology</b>  <b>Institute For Stem Cell Biology And Regenerative Medicine</b>  (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>Head Administration ,</b>  <b>Institute For Stem Cell Biology And Regenerative Medicine, National Centre For Biological Sciences, Tata Institute Of Fundamental Research, GKVK, Bellary Road, Bangalore</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>



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