

### **Metric 3.2.2-**

**Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years.**

### **Findings of DVV-**

List of teachers along with the title of the project, the awarding agency, duration of the project and the amount during the assessment period. In case if documents are in regional language please provide translated copy in English. Google drive links are not accepted.

### **Response of HEI-**

- 1) List of teachers along with the title of the project, the awarding agency, duration of the project and the amount during the assessment period is attached. (**Appendix-I**)
- 2) e-copies of the letters of research projects per teacher are attached. (**Appendix-II**)

# Appendix-I



अमृतं तु विद्या

# Bharatiya Vidya Bhavan's Sardar Patel College of Engineering

(Government-Aided Autonomous Institute)

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.



Tel : 91-22-2623 2192  
91-22-2628 9777  
Fax : 91-22-2623 7819

E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

Date:- 18/07/2024

## List of teachers along with the title of the project, the awarding agency, duration of the project and the amount during the assessment period.

Sr. No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Name of the funding agency	Year of award or sanction	Amount in INR.
1	Dr. Sangeeta Daingade	University of Mumbai	2018	35000
2	Dr. A. R. Kambekar	University of Mumbai	2018	50000
3	Dr. Jayram Gholave	University of Mumbai	2018	40000
4	Dr. B. B. Pimple/ Mr. Vishal Dake	TEQIP-III	2019	1,05,000
5	Dr. Swati Lavand	TEQIP-III	2019	70,000
6	Dr. Rahul Dahatonde	TEQIP-III	2019	50,000
7	Dr. Santosh B. Rane	TEQIP-III	2019	51,000
8	Dr. Santosh B. Rane/Dr. Raj Kumar Singh	TEQIP-III	2019	43,000
9	Prof. Haseen Shaikh/Dr. Puneet Kumar Singh	TEQIP-III	2019	1,00,000
10	Mr. Sharad Valvi/ Dr. Puneet Kumar Singh	TEQIP-III	2019	40000
11	Dr. Hansa Jeswani	TEQIP-III	2020	1,00,000
12	Dr. Reshma Raskar	TEQIP-III	2020	1,00,000
13	Dr. Anil Ghadge	TEQIP-III	2020	1,00,000
14	Dr. A. R. Kambekar	TEQIP-III	2020	1,00,000
15	Dr. Jayram Gholave	TEQIP-III	2020	1,00,000
16	Dr. Rahul Dahatonde	TEQIP-III	2021	15,000
17	Prof. Sharad Valvi and Dr. Pradeep Dixit (IIT Bombay)	DST-Science and Engineering Research Board	2021	1830000
18	Dr. Kiran Suresh Bhole and Dr. Nilesh Raykar	DST-Science and Engineering Research Board	2021	3180921
19	Dr. Kiran S. Bhole, Dr. Prasanna Gandhi (IIT Bombay) and Dr. Praveen kumar Vemula (InStem Bangalore)	DST-Science and Engineering Research Board	2021	11758472
20	Dr. Kiran Suresh Bhole	DST-Science and Engineering Research Board	2021	222398
21	Dr. Kiran Suresh Bhole	CSIR	2021	30000
22	Dr. M. M. Murudi	TEQIP-III	2021	1,00,000
23	Dr. Anil Ghadge	DST-Science and Engineering Research Board	2021	4589284



अमृतं तु विद्या

Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**

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E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

Sr. No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Name of the funding agency	Year of award or sanction	Amount in INR.
24	Dr. M. M. Murudi, Dr. Kiran Suresh Bhole, Dr. B. N. Bhasme, Dr. P. G. Gaikwad, Dr. Anil Ghadge, Dr. Anupa Sabnis, Dr. Jayram Gholave	DST-FIST	2023	11200000
25	Dr. Suman Rawat, Dr. Ajaykumar Kambekar	DST	2023	4000000



  
I/c. Principal  
Bharatiya Vidya Bhavan's  
Sardar Patel College of Engineering  
(Government Aided Autonomous Institute)  
Munshi Nagar, Andheri (W), Mumbai - 58.

# **Appendix-II**

1 to 3

# University of Mumbai



Sardar Patel College of Engineering, Andheri (W), Mumbai		
Invoice No. & Date	2482021/24/4/18	
Signature	[Signature]	
1. CEO	11. STAFF	12. STONE
2. PT	13. RECEPTION	
3. WFD	14. FIN. OFF.	
4. SED	15. OTHERS	
5. EXAM	16. ST. & SEC.	17.
6. SPM	18. STUDENT SEC.	19.

Research Project No: 395

NAME OF THE RESEARCHER : Kiran Suresh Bhole  
LECTURE IN : Mechanical Engineering  
AMOUNT SANCTIONED : Rs. 35,000/-

① Dr. K.S. Bhole  
Mech. Dept  
Paykru  
Mech. H.O.D.  
② ALC

Ref No. APD/237/223 of 2018  
27<sup>th</sup> March, 2018

To,  
The Principal,  
Bhartiya Vidya Bhavan's  
Sardar Patel Institute of Technology,  
Munshi Nagar, Andheri, Mumbai.- 400 058

Sub - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 40% of the sanctioned amount will be disbursed within the month of March. The remaining 60% amount will be disbursed up to 31<sup>st</sup> August, 2018.

The researcher is expected to spend 60% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 40% sanctioned amount on or before 31<sup>st</sup> March, 2018 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to the Accounts Section of University.

Please note that 60% balance amount out of sanctioned grant will be released after presentation of your proposal & final approval of the committee. You need to submit utilization certificate after presentation of your research and final approval of 60% grant including bills/vouchers/receipts in original through University Accounts Section.

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31<sup>st</sup> August 2018.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,  
*S. K. Sawant*  
Assistant Registrar  
(Academic Planning & Development)

## University of Mumbai

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 40% of the sanctioned amount will be disbursed within the month of March. The remaining 60% amount will be disbursed up to 31<sup>st</sup> August, 2018.

The researcher is expected to spend 60% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 40% sanctioned amount on or before 31<sup>st</sup> March, 2018 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to the Accounts Section of University.

Please note, that 60% balance amount, out of sanctioned grant will be released after presentation & final approval of the committee. Therefore you need to submit utilization certificate after presentation of your research including bills/vouchers/receipts in original through University Accounts Section.

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31<sup>st</sup> August 2018.

***The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.***



6	A-209	Dr. Natika Sandeep Poddar	St. Francis Institute of Management & Research gate no. 5, Mount Poincur, SVP Road, Borivali West , Mumbai - 400 103.	Approved	28000
7	S-149	Mr. Vimalkumar D. Mistry	Thakur College of Science & Commerce Shyamnarayan Thakur Marg,Thakur Village , Kandivali (East), Mumbai- 400 101	Approved	25500
8	A-146	Ms. Umadevi Lalit Kokku	SIES College of Commerce and Economics BMS Department Plot. No. 71/72, sion Matunga Estate T.V. Chidambaran Marg, Sion (E.) - 400 022.	Approved	34000
9	S-443	Dr. G. Ramesh	St. Francis Institute of Management & Research gate no. 5, Mount Poincur, SVP Road, Borivali West , Mumbai - 400 103.	Approved	31000

# Engineering

<b>Minor Research Grant for the Year 2017-18 (Apex Committee Report)</b>					
<b>Information Technology</b>					
<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Name of Teacher</b>	<b>College Name</b>	<b>Approved / Unapproved Teacher</b>	<b>Grant Sanctioned by Scrutining Committee</b>
1	R-226	Shri. Kailas K. Devadkar	Sardar Patel Institute of Technology Bhavnas Andheri Campus Munshi Nagar Andheri (West) Mumbai- 400 058.	Approved	20,000
2	S-30	Mrs. Supriya Chaudhary	Padmabhushan Vasantdada Patil Pratishthan's College of Engineering Near Everard Nagar sion Mumbai-400 022.	Approved	20,000
3	R-378	Dr. Vaishali Jadhav	St. Francis Institute of Technology P.B. No. 8456, Mount Poincur S.V.P. Road, Borivali (West) Mumbai- 400 103.	Approved	50,000

4	R-379	Ms. Nazneen Ansari	St. Francis Institute of Technology P.B. No. 8456, Mount Poincur S.V.P. Road, Borivali (West) Mumbai- 400 103.	Approved	40,000
5	A-37	Mrs. Trupti A. Lotlikar	St. Francis Institute of Technology P.B. No. 8456, Mount Poincur S.V.P. Road, Borivali (West) Mumbai- 400 103.	Approved	30,000
6	R-190	Mrs. Manasi N. Deore	Annasaheb Chudaman Pail College of Engineering Kharghar, Navi Mumbai- 410 210.	Approved	30,000
7	R-189	Ms. Varsha Y. Bhole	Annasaheb Chudaman Pail College of Engineering Kharghar, Navi Mumbai- 410 210.	Approved	50,000
8	R-191	Ms. Supriya P. Joshi	Annasaheb Chudaman Pail College of Engineering Kharghar, Navi Mumbai- 410 210.	Approved	35,000
9	R-347	Ms. Varsha Bhosale	Vidyalankar Institute of Technology, Wadala (E.) Mumbai- 400 037.	Approved	25,000
10	R-339	Ms. Sonaali Borkar	Vidyalankar Institute of Technology, Wadala (E.) Mumbai- 400 037.	Approved	30,000
11	R-91	Mrs. Pranjali Kasture	Thakur College of Science & Commerce Shyamnarayan Thakur Marg,Thakur Village , Kandivali (East), Mumbai- 400 101	Approved	60,000
12	R-94	Mr. Namdeo Badhe	Thakur College of Science & Commerce Shyamnarayan Thakur Marg,Thakur Village , Kandivali (East), Mumbai- 400 101	Approved	30000
13	H-59	Ms. Anita J. Chaudhari	St. John College of Engineering & Management St. John Complex Vevoor manoor Road Palghar (E.) Palghar -401 404.	Approved	20,000
14	A-5	Dr. J.W. Bakal	Shivajirao S Jondhale College of Engg. Sonarpada Kalyansheel road, Dombivali (E.) 421 204.	Approved	35,000

**Minor Research Grant for the Year 2017-18 (Apex Committee Report)**

**Engineering (Computer Engineering)**

<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Name of Teacher</b>	<b>College Name</b>	<b>Approved / Unapproved Teacher</b>	<b>Grant Sanctioned by Scrutining Committee</b>
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1	R-131	Shri Rahul N. Patil	Bharati Vidyapeeth College of Engineering sion-Panvel Expressway, Sector 7, CBD Belapur, Near Kharghar Railway Station, Navi Mumbai, Maharashtra 400614	Approved	30,000
2	H-83	Ms. Priya Kaul	Don Bosco Institute of Technology at Premier Automobile Road, Kurla (W), Mumbai- 400 070	Approved	25,000
3	H-85	Ms. Ditty Varghese	Don Bosco Institute of Technology at Premier Automobile Road, Kurla (W), Mumbai- 400 070	Approved	40,000
4	H-87	Ms. Dipti Jadhav	Don Bosco Institute of Technology Premier Auto mobiles Road, Kurla (west) Mumbai- 400 070.	Approved	30,000
5	R-455	Prof. Ruhina Karani	Shri Vile-Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering Plot No. U 15, JVPD Scheme Bhaktivedant swami marg, vile parle West Mumbai- 400 056.	Approved	35,000
6	S-110	Sunil K. Punjabi	South Indian Education Society's Graduate School of Technology Sector -5,Navi Mumbai-400 706.	Approved	35,000
7	R-405	Mr. Ankush Balaram Pawar	Dilkap Research Institute of Enggineering and Management Studies, Neral Tal-Karjat, Dist-Raigad- 410 201.	Approved	40,000
8	R-225	Dr. Anant V. Nimkar	Sardar Patel Institute of Technology Bhavnas Andheri Campus Munshi Nagar Andheri (West) Mumbai- 400 058.	Approved	34,000
9	R-221	Dr. Sudhir N. Dhage	Sardar Patel Institute of Technology Bhavnas Andheri Campus Munshi Nagar Andheri (West) Mumbai- 400 058.	Approved	40,000
10	R-220	Dr. Dhananjay Kalbande	Sardar Patel Institute of Technology Bhavnas Andheri Campus Munshi Nagar Andheri (West) Mumbai- 400 058.	Approved	40,000
11	R-372	Ms. Jayshree Mittal	St. Francis Institute of Technology P.B. No. 8456, Mount Poincur S.V.P. Road, Borivali (West) Mumbai- 400 103.	Approved	30,000
12	A-40	Mrs. Dakshayani Rentachintala	Fr. C. Rodrigues Institute of Technology,Sector 9A Vashi Navi Mumbai- 400 703.	Approved	25,000
13	A-39	Mrs. Sandhya Pati	Fr. C. Rodrigues Institute of Technology,Sector 9A Vashi Navi Mumbai- 400 703.	Approved	20,000
14	R-299	Prof. Dr. Sunil K. Surve	Fr. Conceicao Rodrigues College of Engineering, Fr.Agnel Ashram, Band Stand, Bandra (West), Mumbai-400 050.	Approved	46,000

15	R-302	Prof. Sunil Chaudhari	Fr. Conceicao Rodrigues College of Engineering, Fr. Agnel Ashram, Band Stand, Bandra (West), Mumbai-400 050.	Approved	30,000
16	H-81	Mrs. Kadambari Deherk	Don Bosco Institute of Technology Premier Auto mobiles Road, Kurla (west) Mumbai- 400 070.	Approved	39,000
17	A-103	Mr. Anirudh K. Mangore	Gharda Institute Of Technology Bombay - Goa Highway, Dabhil Naka, Ratnagiri District, Lavel, Maharashtra 415 708	Approved	20,000
18	H-97	Ms. Namita Agarwal	Don Bosco Institute of Technology Premier Auto mobiles Road, Kurla (west) Mumbai- 400 070.	Approved	20,000
19	R-174	Mrs. Shilpali P. Bansu	Annasaheb Chudaman Pail College of Engineering Kharghar, Navi Mumbai- 410 210.	Approved	40,000
20	R-173	Prof. Avinash R. Sonule	Annasaheb Chudaman Pail College of Engineering Kharghar, Navi Mumbai- 410 210.	Approved	40,000
21	A-8	Prof. Uttara Gogate	Shivajirao Jondhale College of Engg. Sonarpada Kalyansheel road, Dombivli (E.) 421 204.	Approved	35,000
22	A-7	Prof. Savita Sangam	Shivajirao Jondhale College of Engg. Sonarpada Kalyansheel road, Dombivli (E.) 421 204.	Approved	39,000
23	S-197	Mr. Richard Joseph	Vivekanand Education Society's Institute of Technology Hashu Advani Memorial Complex VES Campus II, Chembur-400 074.	Approved	40,000
24	H-80	Dr. Ameya Kumar Tripathy	Don Bosco Institute of Technology Premier Auto mobiles Road, Kurla (west) Mumbai- 400 070.	Approved	45,000
25	R-177	Prof. Smita Rajendra Chunamari	Annasaheb Chudaman Pail College of Engineering Kharghar, Navi Mumbai- 410 210.	Approved	30,000
26	H-88	Mr. Tayyabali Sayyad	Don Bosco Institute of Technology Premier Auto mobiles Road, Kurla (west) Mumbai- 400 070.	Approved	25,000
27	R-320	Prof. Sheetal Gondhal	Vishwaniketan Institute of Management Entrepreneurship & Engineering Technology Survey no.52, Kumbivali near Khalapur toll naka off. Mumbaipune expressway Raigad - 410 202.	Approved	24,000
28	R-318	Prof. Sandeep Raskar	Vishwaniketan Institute of Management Entrepreneurship & Engineering Technology Survey no.52, Kumbivali near Khalapur toll naka off. Mumbaipune expressway Raigad - 410 202.	Approved	30,000

29	H-51	Mr. Sushant Patil	St. John College of Engineering & Management Vevoor, Manor Road, Palghar 401 404.	Approved	23,000
30	R-110	Dr. Zainab Pirani	M. H. Saboo Siddik College of Engineering ,8 saboo siddik polytechnic road, Byculla , Mumbai- 400 008.	Approved	30,000
31	H-74	Mrs. Smita Shankhe	K.J. Somaiya College of Engineering Vidyanagar Vidyavihar Mumbai-400 077.	Approved	50,000
32	H-70	Mrs. Pradnya S. Gotmare	K.J. Somaiya College of Engineering Vidyanagar Vidyavihar Mumbai-400 077.	Approved	25,000
33	R-112	Dr. Ravindra Patil	M. H. Saboo Siddik College of Engineering 8, Saboo Siddik Polytechnic Road, Byculla Mumbai-400 008.	Approved	40,000
34	R-119	Ms. Ahlam Ansari	M. H. Saboo Siddik College of Engineering 8, Saboo Siddik Polytechnic Road, Byculla Mumbai-400 008.	Approved	35,000
35	R-118	Mrs. Saiqa Khan	M. H. Saboo Siddik College of Engineering 8, Saboo Siddik Polytechnic Road, Byculla Mumbai-400 008.	Approved	30,000
36	S-87	Prof. Shilpa Kolte	Ramrao Adik Institute of Technology Dr. D.Y. Patil Vidyanagar sector 7, Phase-1 Nerul , Navi Mumbai- 400 706.	Approved	45,000
37	S-390	Ms. Ruta Narayan Prabhu	The South Indian Education Society's College of Commerce & Economics Sion (East) Mumbai- 400 022.	Approved	30,000
38	S-88	Prof. Rashmi Dhumal	Ramrao Adik Institute of Technology Dr. D.Y. Patil Vidyanagar sector 7, Phase-1 Nerul , Navi Mumbai- 400 706.	Approved	20,000
39	S-84	Prof. P. S. Lokhande	Ramrao Adik Institute of Technology Dr. D.Y. Patil Vidyanagar sector 7, Phase-1 Nerul , Navi Mumbai- 400 706.	Approved	20,000
40	S-78	Dr. Leena Ragha	Ramrao Adik Institute of Technology Dr. D.Y. Patil Vidyanagar sector 7, Phase-1 Nerul , Navi Mumbai- 400 706.	Approved	30,000
41	S-206	Mrs. Gresha S. Bhatia	Vivekanand Education Society's Institute of Technology Hashu Advani Memorial Complex VES Campus II, Chembur-400 074.	Approved	40,000
42	S-290	Mrs. Archana N. Gulati	Datta Meghe College of Engineering sector- 3, Airoli , New Mumbai- 400 708.	Approved	30,000

43	S-111	Pranita Mahajan	South Indian Education Society's College of Arts, Science & commerce shri chandra sekarendra Saraswati vidyapuram Plot -1 c sector V, Nerul , Navi Mumbai- 400 706.	Approved	20,000
44	S-254	Prof. Aruna U. Gawade	Shri Vile-Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering Plot No. U 15, JVPD Scheme Bhaktivedant swami marg, vile parle West Mumbai- 400 056.	Approved	30,000
45	S-49	Mr. Laxman Subbu Naik	Rajendra Mane College of Engineering & Technology At & Po. Ambav (Devrukh), Tal. Sangameshwar Dist Ratnagiri- 415 804.	Approved	22,000
46	S-154	Dr. Sunita Ravindra Patil	K.J. Somaiya Institute of Engineering and Information Technology Sion Mumbai- 400 022.	Approved	45,000
47	S-46	Mr. Dnyanoba K. Chitre	Terna Engineering College Plot no. 12, sector 22, opp. Railway station Nerul (West) Navi Mumbai- 400 706.	Approved	30,000
48	S-159	Mr. Uday Rote	K.J. Somaiya Institute of Engineering and Information Technology Sion Mumbai- 400 022.	Approved	30,000
49	R-438	Mrs. Varsha Patil	South Indian Education Society's College of Arts, Science & commerce shri chandra sekarendra Saraswati vidyapuram Plot -1 c sector V, Nerul , Navi Mumbai- 400 706.	Approved	25,000
50	R-176	Rakesh C. Suryawanshi	Annasaheb Chudaman Pail College of Engineering Kharghar, Navi Mumbai- 410 210.	Approved	40,000
51	R-421	Smt. Jyoti Ramteke	Sardar Patel Institute of Technology Bhavnas Andheri Campus Munshi Nagar Andheri (West) Mumbai- 400 058.	Approved	30,000
52	H-49	MS. Aditi Raut	St. John College of Engineering & Management Vevoor, Manor Road, Palghar 401 404.	Approved	25,000
53	H-45	Mr. Dhiraj Bhandarkar	St. John College of Engineering & Management Vevoor, Manor Road, Palghar 401 404.	Approved	25,000
54	H-50	Mrs. Vidya Kawatikwar	St. John College of Engineering & Management Vevoor, Manor Road, Palghar 401 404.	Approved	20,000
55	S-113	Prof. Anindita Khade	South Indian Education Society's Graduate School of Technology sector 5, Nerul , Navi Mumbai- 400 706.	Approved	40,000

56	R-100	Mrs. Vaishali Nirgude	Thakur College of Science & Commerce Shyamnarayan Thakur Marg, Thakur Village , Kandivali (East), Mumbai- 400 101	Approved	25,000
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**Minor Research Grant for the Year 2017-18 (Apex Committee Report)**

**Chemical**

Sr. No.	Proposal No.	Name of Teacher	College Name	Approved / Unapproved Teacher	Grant Sanctioned by Scrutining Committee
1	R-137	Shri Vijay B. Mane	Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, Munshi Nagar, Andheri, Mumbai.- 400 058	Approved	30000
2	R-136	Smt. Ashwini G.Thokal & Vishal D. Chitodkar	Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, Munshi Nagar, Andheri, Mumbai.- 400 058	Approved	30000
3	S-475	Mr. Shivananad Mallappa Teli	Gharda Institute Of Technology Bombay - Goa Highway, Dabhil Naka, Ratnagiri District, Lavel, Maharashtra 415 708	Approved	30000
4	R-193	Dr. Arpita Pal	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	28,200
5	R-201	Dr. N. Mahesh	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	30000

**Minor Research Grant for the Year 2017-18 (Apex Committee Report)**

**Civil Engineering**

Sr. No.	Proposal No.	Name of Teacher	College Name	Approved / Unapproved Teacher	Grant Sanctioned by Scrutining Committee
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1	H-15	Prof. Shweta Mortharkar	Saraswati Education Society's Saraswati College of Engineering Plot No- 46/46A, Sector-5 , Behind MSEB Substation Kharghar, Utsav Chowk, Navi Mumbai -410 210	Approved	20000
2	H-16	Dr. Priyanka Jadhav	Saraswati Education Society's Saraswati College of Engineering Plot No- 46/46A, Sector-5 , Behind MSEB Substation Kharghar, Utsav Chowk, Navi Mumbai -410 210	Approved	60000
3	R-261	Dr. Shrikant Charhate	Mahatma Education Society's Pillai HOC College of Engineering & Technology, Pillai HOCL, Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad.-410 207	Approved	25000
4	R-102	Dr. Seema Jagtap	Thakur College of Science & Commerce Shyamnarayan Thakur Marg,Thakur Village , Kandivali (East), Mumbai- 400 101	Approved	25000
5	S-449	Ms. Manjushri Wararkar	Datta Meghe College of Engineering sector- 3, Airoli , New Mumbai- 400 708.	Approved	30000
6	A-16	Dr. Prashant P. Nagrale	SPCE Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, Munshi Nagar,Andheri, Mumbai.- 400 058	Approved	25000
7	H-16	Dr. Priyanka Jadhav	Saraswati Education Society's Saraswati College of Engineering Plot No- 46/46A, Sector-5 , Behind MSEB Substation Kharghar, Utsav Chowk, Navi Mumbai -410 210	Approved	60000
8	H-14	Prof. Asmita Lakhote	Saraswati Education Society's Saraswati College of Engineering Plot No- 46/46A, Sector-5 , Behind MSEB Substation Kharghar, Utsav Chowk, Navi Mumbai -410 210	Approved	20000
9	R-262	Prof. Raju Narwade	Mahatma Education Society's Pillai HOC College of Engineering & Technology, Pillai HOCL, Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad.-410 207	Approved	25000

**Minor Research Grant for the Year 2017-18 (Apex Committee Report)**

**Mechanical Engineering**



<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Name of Teacher</b>	<b>College Name</b>	<b>Approved / Unapproved Teacher</b>	<b>Grant Sanctioned by Scrutining Committee</b>
1	H-29	Dr. Fauzia Siddiqui	Saraswati Education Society's Saraswati College of Engineering Plot No- 46/46A, Sector-5 , Behind MSEB Substation Kharghar, Utsav Chowk, Navi Mumbai -410 210	Approved	30000
2	A-29	Dr. Nitin V. Satpute	Fr. C. Rodrigues Institute of Technology,Sector 9A Vashi Navi Mumbai- 400 703.	Approved	50000
3	R-13	Prof. Milind Yadav	Finolex Academy of Management and Technology M.I.D.C., Mirjole Block, Ratnagiri.415 639.	Approved	60000
4	R-255	Dr. M. D. Nadar	Mahatma Education Society's Pillai HOC College of Engineering & Technology, Pillai HOCL, Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad.-410 207	Approved	30000
5	A-33	Dr. S.M. Khot	Fr. C. Rodrigues Institute of Technology,Sector 9A Vashi Navi Mumbai- 400 703.	Approved	78000
6	A-28	Ms. Pallavi Khaire	Fr. C. Rodrigues Institute of Technology,Sector 9A Vashi Navi Mumbai- 400 703.	Approved	35000
7	H-141	Dr. S.V. Patil	Gopinath Mahadev Vedak Institute of Technology 410, Morya Shalimar Park , Andheri Link Road, Andheri (W), Mumbai, Maharashtra 400053	Approved	40000
8	S-181	Prof. Nimisha R. Shirbhate	Lokmanya Tilak Jankalyan Shikshan Sanstha's Lokmanya Tilak College of Engineering Kopar Khairane, Sector 4, Vikas Nagar, Navi Mumbai, Maharashtra 400709	Approved	20000
9	S-55	Mr. Dandage R. V.	Rajendra Mane College of Engineering & Technology Taluka Sangameshwar, Dist. Ratnagiri, Ambav, Maharashtra 415804	Approved	30000
10	R-456	Prof. S. R. Dharmadhikari	Bharati Vidyapeeth College of Engineering sion-Panvel Expressway, Sector 7, CBD Belapur, Near Kharghar Railway Station, Navi Mumbai, Maharashtra 400614	Approved	45000
11	S-174	Dr. Avinash D. Sarode	Lokmanya Tilak Jankalyan Shikshan Sanstha's Lokmanya Tilak College of Engineering Kopar Khairane, Sector 4, Vikas Nagar, Navi Mumbai, Maharashtra 400709	Approved	50000

12	S-248	Dr. Choudhari Chandrashekhar Murlidhar	Shri Vile-Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering Plot No. U 15, JVPD Scheme Bhaktivedant swami marg, vile parle West Mumbai- 400 056.	Approved	50000
13	A-14	Dr. R.S. Maurya	Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, Munshi Nagar, Andheri, Mumbai.- 400 058	Approved	30000
14	S-448	Usha C. Pawar	Datta Meghe College of Engineering sector- 3, Airoli , New Mumbai- 400 708.	Approved	30000
15	A-12	Mr. Haseen M. Shaikh	Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, Munshi Nagar, Andheri, Mumbai.- 400 058	Approved	40000
16	R-5	Prof. Mahadev L. Naik	Finolex Academy of Management & Technology IT department , P60,P 60-1 MIDC, Mirjole Ratnagiri Maharashtra- 415 639.	Approved	30000
17	H-46	Mr. Aniket Patil	Aldel Education Trust's St. John College of Engineering & Management, St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar - 401 404.	Approved	30000
18	R-87	Ms. Neha Chauhan	Thakur College of Engineering and Technology Shaymnarayan Thakur Marg, Thakur Villaige, Samata Nagar, Kandivli (E), Mumbai - 400 101.	Approved	25000
19	R-75	Prof. Priyanka Patil	K.J. Somaiya College of Engineering Vidyanagar Campus, Vidyavihar, Mumbai-400 077.	Approved	30000
20	R-454	Ramesh R. Rajguru	Shri Vile-Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering Plot No. U 15, JVPD Scheme Bhaktivedant swami marg, vile parle West Mumbai- 400 056.	Approved	45000
21	R-266	Mrs. Shivangi Viral Thakker	K.J. Somaiya College of Engineering Vidyanagar Campus, Vidyavihar, Mumbai-400 077.	Approved	50000
22	A-13	Kiran Suresh Bhole	Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, Munshi Nagar, Andheri, Mumbai.- 400 058	Approved	35000

**Minor Research Grant for the Year 2017-18 (Apex Committee Report)**

<b>Electrical Engineering</b>					
<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Name of Teacher</b>	<b>College Name</b>	<b>Approved / Unapproved Teacher</b>	<b>Grant Sanctioned by Scrutining Committee</b>
1	R-188	Mrs. Suruchi Gupta	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	30000
2	R-183	Mrs. Dipti D. Patil	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	50000
3	H-71	Dr. Shubha Pandit	K.J. Somaiya College of Engineering Vidyanagar Campus, Vidyavihar, Mumbai-400 077.	Approved	30000

<b>Minor Research Grant for the Year 2017-18 (Apex Committee Report)</b>					
<b>Instrumentation Engineering</b>					
<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Name of Teacher</b>	<b>College Name</b>	<b>Approved / Unapproved Teacher</b>	<b>Grant Sanctioned by Scrutining Committee</b>
1	R-182	Mrs. Priti N. Ghongade	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	20000
2	S-202	Amudha Senthilkumar	Vivekanand Education Society's Institute of Technology Hashu Advani Memorial Complex VES Campus II, Chembur-400 074.	Approved	20000
3	R-138	Smt. Manisha K. Bhole	Bharati Vidyapeeth College of Engineering sion-Panvel Expressway, Sector 7, CBD Belapur, Near Kharghar Railway Station, Navi Mumbai, Maharashtra 400614	Approved	20000
4	R-181	Mr. Suresh B. Pingale	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	25000

**Minor Research Grant for the Year 2017-18 (Apex Committee Report)**

**Electronics**

<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Name of Teacher</b>	<b>College Name</b>	<b>Approved / Unapproved Teacher</b>	<b>Grant Sanctioned by Scrutining Committee</b>
1	S-27	Mrs. Nilima Zade	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	25000
2	R-304	Prof. Swapnali Makdey	Fr. Conceicao Rodrigues College of Engineering, Fr.Agnel Ashram, Band Stand, Bandra (West), Mumbai-400 050.	Approved	30000
3	S-221	Mrs. Darshana N. Sankhe	Shri Vile Parle Kelavani Mandals Dwarkadas J. Sanghvi College of Engineering Plot No.U-15, J.V.P.D. Scheme, Gulmohar Road, Vile Parle (West), Mumbai - 400 056.	Approved	35000
4	R-196	Prof. U. M. Shirole	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	40000
5	S-104	Mrs. Vandana Sawant	South Indian Education Society's Graduate School of Technology Sector -5,Navi Mumbai-400 706.	Approved	15000
6	S-161	Mr. Pankaj Vinayak Deshmukh	K.J. Somaiya Institute of Engineering and Information Technology, Somaiya Ayurvihar Complex, Eastern Express Highway, Sion (E), Mumbai - 400 022.	Approved	30000
7	R-424	Shri. G. T. Haldankar	Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, Munshi Nagar,Andheri, Mumbai.- 400 058	Approved	40000
8	R-50	Mrs. Shweta Ashtekar	Ramrao Adik Institute of Technology Sector-7, Dr. D. Y. Patil Vidyanagar, Phase-I, Nerul, Navi Mumbai - 400 706	Approved	30000
9	A-36	Mrs. Sneha Revankar	Fr. C. Rodrigues Institute of Technology,Sector 9A Vashi Navi Mumbai- 400 703.	Approved	30000
10	A-25	Mr. Yogesh Narayan Chandurkrar	Agnel Charitable Trust's Fr. Conceicao Rodrigues Institute of Technology, Sector 9-A, Vashi, Navi Mumbai-400 703.	Approved	30000

11	S-29	Mrs. Jayshree Pawar	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	30000
12	S-186	Mr. Nitin P. Jain	Lokmanya Tilak Jankalayn Shikshan Sanstha's Lokmanya Tilak College of Engineering, Sector No.4, Vikas Nagar, Kopar Khairane, Navi Mumbai-400709	Approved	45000
13	R-305	Prof. Sangeeta Parshionikar	Fr. Conceicao Rodrigues College of Engineering, Fr.Agnel Ashram, Band Stand, Bandra (West), Mumbai-400 050.	Approved	20000
14	A-10	Mr. Amol Ramchandra Sutar	Finolex Academy of Management and Technology M.I.D.C., Mirjole Block, Ratnagiri.415 639.	Approved	16000
15	R-335	Vijay Purohit	Vidyalankar Institute of Technology, Vidyalankar Marg, Wadala East, Mumbai - 400 037	Approved	20000

**Minor Research Grant for the Year 2017-18 (Apex Committee Report)**

**Electronics & Telecommunication**

<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Name of Teacher</b>	<b>College Name</b>	<b>Approved / Unapproved Teacher</b>	<b>Grant Sanctioned by Scrutining Committee</b>
1	H-72	Mrs. Savita C. Raut	K.J. Somaiya College of Engineering Vidyanagar Campus, Vidyavihar, Mumbai-400 077.	Approved	22000
2	S-192	Mrs. Nusrat Ansari	Vivekanand Education Societys Institute of Technology Hashu Advani Memorial Complex, Collector's Colony, R.C. Marg, Chembur, Mumbai-400 074.	Approved	26500
3	R-104	Ms. Megha Gupta	Thakur College of Engineering and Technology Shaymnarayan Thakur Marg, Thakur Villaige, Samata Nagar, Kandivli (E), Mumbai - 400 101.	Approved	24000

4	S-168	Ms. Gauri V. Ashtankar	Lokmanya Tilak Jankalayn Shikshan Sanstha's Lokmanya Tilak College of Engineering, Sector No.4, Vikas Nagar, Kopar Khairane, Navi Mumbai-400709	Approved	24000
5	S-17	Mrs. Anagha S. Dhavalikar	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	20000
6	S-191	Ms. Anuradha Jadiya	Vivekanand Education Society's Institute of Technology Hashu Advani Memorial Complex, Collector's Colony, R.C. Marg, Chembur, Mumbai-400 074.	Approved	24000
7	S-15	Mr. Rajesh Morey	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	23000
8	S-16	Mrs. K. Sailaxmi	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	24000
9	S-19	Mr. Khushal Ghadge	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	23000
10	R-244	Smita Pawar	Xavier Institute of Engineering Opp. S. L. Raheja Hospital, Mahim Causeway, Mahim, Mumbai-400 016.	Approved	27000
11	R-370	Ms. Shilpa Chaman	St. Francis Institute of Technology (Engineering College) P. B. No. 8456, Mount Poincur, S.V.P. Road, Borivli (West), Mumbai-400 103.	Provisionally Approved	26000
12	R-202	Dr. V. N. Pawar	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	35000
13	R-242	Dr. Suprava Patnaik	Xavier Institute of Engineering Opp. S. L. Raheja Hospital, Mahim Causeway, Mahim, Mumbai-400 016.	Approved	25000

14	R-241	Mrs. Lallita Vasudeo Moharkar	Xavier Institute of Engineering Opp. S. L. Raheja Hospital, Mahim Causeway, Mahim, Mumbai-400 016.	Approved	24000
15	H-52	Mr. Sunder Kharvi	Aldel Education Trust's St. John College of Engineering & Management, St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar - 401 404.	Approved	20000
16	H-58	Mr. Sachin Kohale	Aldel Education Trust's St. John College of Engineering & Management, St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar - 401 404.	Approved	21000
17	R-139	Shri Prakash A. Kharade	Bharati Vidyapeeth's College of Engineering Sector-7, C.B.D.Belapur, Navi Mumbai - 400 614.	Approved	39000
18	R-79	Prof. Lekha Das	K.J. Somaiya College of Engineering Vidyanagar Campus, Vidyavihar, Mumbai-400 077.	Approved	20000
19	S-210	Mrs. Ashwini Sawant	Vivekanand Education Societys Institute of Technology Hashu Advani Memorial Complex, Collector's Colony, R.C. Marg, Chembur, Mumbai-400 074.	Approved	25000
20	R-205	Nitin P. Chawande	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	21000
21	H-133	Prof. Siraj Pathan	Anjuman-I-Islam's School of Engineering & Technology at Anjuman-I-Islam's Kalsekar Technical Campus, Plot 2 & 3, Sector-16, Near Thana Naka , Khanda Gaon, New Panvel, Navi Mumbai- 410 206.	Approved	22000
22	H-135	Prof. Rahul B Khadase	Anjuman-I-Islam's School of Engineering & Technology at Anjuman-I-Islam's Kalsekar Technical Campus, Plot 2 & 3, Sector-16, Near Thana Naka , Khanda Gaon, New Panvel, Navi Mumbai- 410 206.	Approved	23000
23	H-137	Prof. Awab Faikh	Anjuman-I-Islam's School of Engineering & Technology at Anjuman-I-Islam's Kalsekar Technical Campus, Plot 2 & 3, Sector-16, Near Thana Naka , Khanda Gaon, New Panvel, Navi Mumbai- 410 206.	Approved	23000

24	H-134	Prof. Zarrarahemad Khan	Anjuman-I-Islam's School of Engineering & Technology at Anjuman-I-Islam's Kalsekar Technical Campus, Plot 2 & 3, Sector-16, Near Thana Naka , Khanda Gaon, New Panvel, Navi Mumbai- 410 206.	Approved	21000
25	S-166	Mr. Mohd. Farhan	Lokmanya Tilak Jankalayn Shikshan Sanstha's Lokmanya Tilak College of Engineering, Sector No.4, Vikas Nagar, Kopar Khairane, Navi Mumbai-400709	Approved	22000
26	S-167	Mr. Vaibhav Naresh Palav	Lokmanya Tilak Jankalayn Shikshan Sanstha's Lokmanya Tilak College of Engineering, Sector No.4, Vikas Nagar, Kopar Khairane, Navi Mumbai-400709	Approved	20000
27	A-17	Mrs. Bindu R.	Agnel Charitable Trust's Fr. Conceicao Rodrigues Institute of Technology, Sector 9-A, Vashi, Navi Mumbai-400 703.	Approved	23000
28	R-303	Prof. Binsy Joseph	Fr. Conceicao Rodrigues College of Engineering, Fr.Agnel Ashram, Band Stand, Bandra (West), Mumbai-400 050.	Approved	25000
29	S-165	Mr. Vikas Kshirsagar	Lokmanya Tilak Jankalayn Shikshan Sanstha's Lokmanya Tilak College of Engineering, Sector No.4, Vikas Nagar, Kopar Khairane, Navi Mumbai-400709	Approved	23000
30	R-206	Mr. Amol G. Patil	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	21000
31	S-14	Mrs. Prachi P. Godbole	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	25000
32	R-204	Mr. Dipak S. Marathe	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	26000
33	H-96	Ms. Poonam Chakraborty	Don Bosco Institute of Technology at Premier Automobile Road, Kurla (W), Mumbai- 400 070	Approved	20000
34	S-57	Mrs. Poonam Prashant Kshirsagar	Prabodhan Shikshan Prasarak Sanstha's Rajendra M. Mane College of Engineering, At Post - Deorukh, Tal. Sangmeshwar, Dist.Ratnagiri-415 804.	Approved	22000
35	H-64	Prof. Mrs. Annu Abraham	K.J. Somaiya College of Engineering Vidyanagar Campus, Vidyavihar, Mumbai-400 077.	Approved	22000



# University of Mumbai



Sardar Patel College of Engineering, Andheri (W), Mumbai		
Invoice No. & Date	2482021/24/4/18	
Signature	[Signature]	
1. CEO	11. STAFF	12. STONE
2. PT	13. RECEPTION	
3. WFD	14. FIN. OFF.	
4. SED	15. OTHERS	
5. EXAM	16. ST. & SEC.	17.
6. SPM	18. STUDENT SEC.	19.

Research Project No: 395

NAME OF THE RESEARCHER : Kiran Suresh Bhole  
LECTURE IN : Mechanical Engineering  
AMOUNT SANCTIONED : Rs. 35,000/-

① Dr. K.S. Bhole  
Mech. Dept  
Paykru  
Mech. H.O.D.  
② ALC

Ref No. APD/237/223 of 2018  
27<sup>th</sup> March, 2018

To,  
The Principal,  
Bhartiya Vidya Bhavan's  
Sardar Patel Institute of Technology,  
Munshi Nagar, Andheri, Mumbai.- 400 058

Sub - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 40% of the sanctioned amount will be disbursed within the month of March. The remaining 60% amount will be disbursed up to 31<sup>st</sup> August, 2018.

The researcher is expected to spend 60% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 40% sanctioned amount on or before 31<sup>st</sup> March, 2018 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to the Accounts Section of University.

Please note that 60% balance amount out of sanctioned grant will be released after presentation of your proposal & final approval of the committee. You need to submit utilization certificate after presentation of your research and final approval of 60% grant including bills/vouchers/receipts in original through University Accounts Section.

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31<sup>st</sup> August 2018.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,  
*S. K. Sawant*  
Assistant Registrar  
(Academic Planning & Development)

36	R-199	Sanjay A. Patil	Annasaheb Chudaman Patil College of Engineering, Plot No. 17, Sector 4, Kharghar Rly. Station, Navi Mumbai- 410 210	Approved	25000
37	R-367	Mr. Ansari Vaqar	St. Francis Institute of Technology (Engineering College) P. B. No. 8456, Mount Poincur, S.V.P. Road, Borivli (West), Mumbai-400 103.	Approved	30000
38	A-23	Mrs. Anita Jadhav	Agnel Charitable Trust's Fr. Conceicao Rodrigues Institute of Technology, Sector 9-A, Vashi, Navi Mumbai-400 703.	Approved	22000
39	R-369	Ms. Nikita Rai	St. Francis Institute of Technology (Engineering College) P. B. No. 8456, Mount Poincur, S.V.P. Road, Borivli (West), Mumbai-400 103.	Approved	32000
40	H-25	Prof. Rajshree R. Narwade	Saraswati Education Society's Saraswati College of Engineering Plot No- 46/46A, Sector-5 , Behind MSEB Substation Kharghar, Utsav Chowk, Navi Mumbai -410 210	Approved	25000
41	H-21	Prof. Mandeep Kaur Kundhal	Saraswati Education Society's Saraswati College of Engineering Plot No- 46/46A, Sector-5 , Behind MSEB Substation Kharghar, Utsav Chowk, Navi Mumbai -410 210	Approved	20000
42	R-108	Mrs. Rashmita Kumari Mohapatra	Thakur College of Engineering and Technology, Shaymnarayan Thakur Marg, Thakur Villaige, Samata Nagar, Kandivli (E), Mumbai - 400 101.	Approved	20000
43	A-68	Dr. Alam N. Shaikh	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	32000
44	S-28	Mrs. Shubhada N. Deshpande	Padmabhushan Vasantdada Patil Pratishthans College of Engineering Eastern Express Highway, Near Everard Nagar, Sion-Chunabhatti, Mumbai-400 022.	Approved	20000
45	R-52	Mrs. Sujata Mendgudle	Ramrao Adik Institute of Technology Sector-7, Dr. D. Y. Patil Vidyanagar, Phase-I, Nerul, Navi Mumbai - 400 706	Approved	22000

4 and 5



अमृतं तु विद्या

Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**



Tel : 91-22-2623 2192  
91-22-2628 9777  
Fax : 91-22-2623 7819

(Government-Aided Autonomous Institute)

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.

E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

TEQIP/19-20/06.  
Date 15/05/2019

### Approval of Seed Money Proposal under TEQIP-III

Under seed money grant of TEQIP-III, the research proposal of following investigators from Electrical Engineering Department has been approved by department's research advisors. The details of research proposal and sanctioned amount are tabulated below:

Sr. No.	Principal Investigator /Co.- PI	TITLE	Sanctioned Amount (Rs.)
1	Dr. B. B. Pimple/ Prof. Vishal Dake	Modeling, Analysis and hardware implementation of DC Charger for electric vehicle	1,05,000/-
2	Dr. Swati Lavand	Development of Experimental set up for numerical Relay Emulator.	70,000/-

The project investigators should utilize this fund for developing/creating research facilities in their respective areas. **Amount spent on execution** of approved project can be **claimed for reimbursement** from the TEQIP office of the institute.

**Outcome:** At least one research publication in journal and international conference is desirable under the seed money grant.

Dr. Kiran Bhole  
Dean (R&D)

Dr. Rahul Dahatonde  
TEQIP III Co-ordinator

Copy to: TEQIP Office, Head of the Department-Electrical & all investigators as listed above

6



अमृतं तु विद्या

Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**



Tel : 91-22-2623 2192  
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Fax : 91-22-2623 7819

(Government-Aided Autonomous Institute)

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.

E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

TEQIP/2019-20/28  
Date : 29/11/2019

**Approval of Seed Money Proposal under TEQIP-III**

Under seed money grant of TEQIP-III, the research proposal of following investigators from Electrical Engineering Department has been approved by Department's Research advisor. The details of research proposal and sanctioned amount are tabulated below:

Sr. No.	Principal Investigator /Co.- PI	TITLE	Sanctioned Amount (Rs.)
1	Dr. Rahul Dahatonde/ Dr. Deepak Karia/ Prof. Rahul Khandare	Metamaterial Based Dual-Band MIMO Antenna with High Isolation	50000/-

The project investigator should utilize this fund for developing/creating research facilities in their respective areas. **Amount spent on execution** of approved project can be **claimed for reimbursement** from the TEQIP office of the institute.

**Outcome:** At least one research publication in journal and international conference is desirable under the seed money grant.

Dr. Kiran S. Bhole  
Dean (R&D)

Dr. Rahul Dahatonde  
TEQIP III Co-ordinator

Copy to: TEQIP Office, Head of the Department-Electrical & investigators as listed above

7, 8, 9 and 10



अमृतं तु विद्या

# Bharatiya Vidya Bhavan's Sardar Patel College of Engineering



Tel : 91-22-2623 2192  
91-22-2628 9777  
Fax : 91-22-2623 7819

(Government-Aided Autonomous Institute)

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.

E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

TEQIP-III/2019-20/17  
Date: 09/09/2019

## Approval of Seed Money Proposal under TEQIP-III

Under seed money grant of TEQIP-III, the research proposal of following investigators from Mechanical Engineering Department has been approved by Department's Research Advisor. The details of research proposal and sanctioned amount are tabulated below:

Sr. No.	Principal Investigator /Co.- PI	Title of Research Proposal	Sanctioned Amount (Rs.)
1	Dr. Santosh Rane	Investigation of Mechanical, thermal and tribological properties of Al 6061 using Graphene reinforcement	43,000
2	Dr. Santosh Rane	Modeling of Green Packaging for Automotive Supply Chain Management by MCDM tool	51,000
3	Prof. Haseen M. Shaikh, and Dr. Puneet Kumar Singh	Development of setup for optimization of machining parameters and development of correlation model between surface integrity and thermal characteristics during machining of special super alloy	1,00,000
4	Prof. Sharad R. Valvi and Dr Puneet Kumar Singh	Design and manufacturing setup of sea water distillation, using concentrated solar energy (Fresnel lens)	40,000
5	Prof. Haseen M. Shaikh and Kiran S. Bhole	Characterization of Natural Fibre reinforced composite for different proportions and orientations	75,000

The project investigators should utilize this fund for developing/creating research facilities in their respective areas. Amount spent on execution of approved project can be *claimed for reimbursement* from the TEQIP office of the institute.

**Outcome:** At least one research publication in journal and international conference is desirable under the seed money grant.

Dr. Kiran S. Bhole  
Dean (R & D)

Dr. Rahul Dahatonde  
TEQIP III Coordinator

Copy to: TEQIP Office, Head of the Department-Mechanical & all investigators as listed above



11, 12, 13, 14 and 15



अमृतं तु विद्या

Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**

(Government-Aided Autonomous Institute)

Tel : 91-22-2623 2192  
91-22-2628 9777  
Fax : 91-22-2623 7819

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.



E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

TEQIP/2019-20/33  
Date : 10/01/2020

**Approval of Seed Money Proposal under TEQIP-III**

Under seed money grant of TEQIP-III, the research proposal of following investigators from Civil Engineering Department has been approved by Department's Research Advisor. The details of research proposal and sanctioned amount are tabulated below:

Sr. No.	Principal Investigator /Co.- PI	Title of Research Proposal	Sanctioned Amount (Rs.)
1	Dr. Hansa Jeswani	Development of filter using Previous concrete for surface water filtration	1,00,000
2	Dr. Reshma Raskar	Techno-social-economic assessment of Briquetting Cotton Stalks	1,00,000
3	Dr. Anil Ghadge	Development of Bio-electrochemically assisted microbial reactor to reduce air pollution and energy recovery from wastewater	1,00,000
4	Dr. A. R. Kambekar	Flood Hazard Assessment using Hydrological simulation model	1,00,000
5	Dr. Jayram Gholave	Solid Phase Extraction of some typical d-block and f-block Elements	1,00,000

The project investigators should utilize this fund for developing/creating research facilities in their respective areas. **Amount spent on execution** of approved project can be **claimed for reimbursement** from the TEQIP office of the institute.

**Outcome:** At least one research publication in scopus or goggle scholar indexed journal and international conference is desirable under the seed money grant.

Dr. Kiran S. Bhole  
Dean (R & D)

Dr. Rahul Dahatonde  
TEQIP III Coordinator

Copy to: TEQIP Office, Head of the Department-Civil Engineering & all investigators as listed above

16



अमृतं तु विद्या

Bharatiya Vidya Bhavan's

# Sardar Patel College of Engineering

(Government-Aided Autonomous Institute)



Tel : 91-22-2623 2192  
91-22-2628 9777  
Fax : 91-22-2623 7819

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.

E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

TEQIP-III/ 20-21/40  
Date : 15/02/2021

## Approval of Seed Money Proposal under TEQIP-III

Under seed money grant of TEQIP-III, the research proposal of following investigators from Electrical Engineering Department has been approved by Department's Research advisor. The details of research proposal and sanctioned amount are tabulated below:

Sr. No.	Principal Investigator /Co.- PI	TITLE	Sanctioned Amount (Rs.)
1	PI- Dr. Rahul Dahatonde Co.PI – Dr. Deepak Karia, SPIT	Medicine Delivering Smart Autonomous Vehicle	15000

The project investigator should utilize this fund for developing/creating research facilities in their respective areas. **Amount spent on execution** of approved project can be **claimed for reimbursement** from the TEQIP office of the institute.

**Outcome:** At least one research publication in journal and international conference is desirable under the seed money grant.

Dr. Kiran S. Bhole  
Dean (R&D)

Dr. M. M. Murudi  
I/c Principal

Copy to: TEQIP Office, Head of the Department-Electrical & investigators as listed above

17

FILE NO. TAR/2021/000334  
**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: 21-Mar-2022

**ORDER**

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Prof. SHARAD RAJARAM VALVI, Sardar Patel College Of Engineering , Munshi Nagar,Andheri (west) Mumbai, Mumbai City, Maharashtra-400058- under the mentorship of Dr.Pradeep Dixit, at Indian Institute of Technology Bombay IIT PO Powai, Mumbai - 400076- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Rupees Eighteen Lakh Thirty Thousand only) for a duration of 36 months.  
The date of start of the project will be 08 December, 2021 .The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for

**Sardar Patel College Of Engineering , Munshi Nagar,Andheri (west) Mumbai, Mumbai City, Maharashtra-400058 (Parent)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 ( @0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

**Indian Institute of Technology Bombay IIT PO Powai, Mumbai - 400076 (Host)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 ( on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai , Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Indian Institute of Technology Bombay IIT PO Powai, Mumbai - 400076 being the first installment of the grant for the year 2021-2022 for implementation of the said research project.

3. The expenditure involved is debit to

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

This release is being made under Teachers Associateship For Research Excellence (TARE). (Mechanical & Manufacturing Engineering & Robotics)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/10530/2021-2022 dated 19 March, 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. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

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

**Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city, Maharashtra-400058 (Parent) :**

PFMS Unique Code	MHMC00003768
Account Name	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	Indian Bank Bhavan campus , Munshi Nagar ,Andheri west Mumbai 400058
IFSC/RTGS Code	IDIB000B092
Email address of PI	sharadv57@gmail.com
Email id of A/C Holder	principal@spce.ac.in
Email address of concerned officer	ms_tare@serbonline.in

The release amount of **Rs. 3,35,000/-** (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

**Indian Institute of Technology Bombay IIT PO Powai, Mumbai - 400076 (Host) :**

PFMS Unique Code	IIT Bombay
Account Name	IITB PROJECT AND CONSULTANCY
Account Number	2724101113370
Bank Name & Branch	CANARA BANK 1ST FLOOR , GULMOHAR BUILDING IIT B CAMPUS , POWAI, MUMBAI 400076
IFSC/RTGS Code	CNRB0002724
Email address of PI	sharadv57@gmail.com
Email id of A/C Holder	registrar@iitb.ac.in
Email id of Mentor	Dr.Pradeep Dixit

9.Both the institutes will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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


11. The File no. **TAR/2021/000334** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

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

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

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

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	(i) Prof. SHARAD RAJARAM VALVI Mechanical Engineering Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city, Maharashtra-400058 Email: sharadv57@gmail.com Mobile: 919730605407  (ii) Dr.Pradeep Dixit Indian Institute of Technology Bombay IIT PO Powai, Mumbai - 400076  (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.	(i) Principal, Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai  (ii)Director Indian Institute of Technology Bombay IIT PO Powai, Mumbai - 400076  (Receipt of Grant may be intimated by name to the undersigned)

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

18



**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

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

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

Dated: 03 January, 2022

**ORDER**

Subject: Financial Sanction of the research project titled **Investigation of Fractal Growth on the Curved Surfaces in Hele Shaw Flow** under the guidance of Dr. Kiran Suresh Bhole, Mechanical Engineering, Sardar Patel College of Engineering, Munshi nagar, Andheri (west) mumbai, Mumbai city, Maharashtra-400058 and by Dr. Nilesh Ramkrishna Raykar, Professor, Mechanical Engineering, Sardar Patel College Of Engineering - 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. 3180921/- (Rs. Thirty One Lakh Eighty Thousand Nine Hundred and Twenty One Only)** with break-up of **Rs. 2431747/- under Capital (Non-recurring) head** and **Rs. 749174/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3180921/-** has been approved are given below:

The following budget may be considered for **Sardar Patel College Of Engineering, Munshi Nagar, Andheri (West) Mumbai**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Data Acquisition System -> Servo Motorized Translation Stage Bundled with Controller and Power Supply -> Base Plate -> Motorized Linear Translation Stage, Stepper Motor -> Power Supply -> Benchtop Stepper Motor Controllers (three Channel) -> Adapter Plate -> Right Angle Brackets -> Glass Plates	2431747
A'	Total (Non-Recurring)	2431747
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	0 400000 60000
2	Recurring - IV : (Overhead Charges)	289174
B'	Total (Recurring)	749174
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3180921</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.

  
03.01.2022

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.

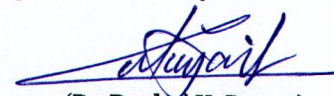
10. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

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/2021/000747 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.

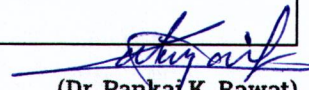
14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@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>Dr. Kiran Suresh Bhole</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhole@spce.ac.in</b> <b>Mobile: 919869378873</b></p> <p><b>Dr. Nilesh Ramkrishna Raykar</b> <b>Mechanical Engineering</b> <b>Sardar Patel College Of Engineering</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>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@serbonline.in

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

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

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

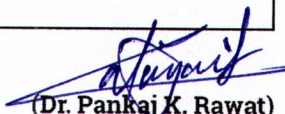
Dated: 03 January, 2022

**ORDER**

Subject: Research project entitled **Investigation of Fractal Growth on the Curved Surfaces in Hele Shaw Flow** under the guidance of Dr. Kiran Suresh Bhole, Mechanical Engineering, Sardar Patel College of Engineering, Munshi nagar, Andheri (west) Mumbai, Mumbai city, Maharashtra-400058 and by Dr. Nilesh Ramkrishna Raykar, Professor, Mechanical Engineering, Sardar Patel College Of Engineering.

1. In continuation of SERB's sanction order No. CRG/2021/000747 dated 03 January, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.289724/-** under 'Grants-in-aid General' to Sardar Patel College Of Engineering, Munshi Nagar, Andheri (west) Mumbai, Mumbai City, Maharashtra-400058 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) and as mentioned in the sanction order of even number dated 03 January, 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 Core Research Grant (**PAC on Mechanical, Manufacturing, Aerospace Engineering & Robotics**) (General).
5. The Sanction has been issued with the approval of the competent authority on **28 December, 2021** and vide Diary No. **SERB/F/6266/2021-2022** dated **29 December, 2021**.
6. The release amount of **Rs. 289724/-** (Rupees Two Lakh Eighty Nine Thousand Seven Hundred and Twenty Four 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:

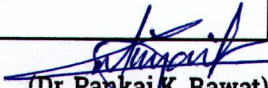
PFMS Unique Code	MHMC00003768
Account Name	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	Indian Bank INDIAN BANK, Bhavan's Campus, Munshi Nagar, Andheri West, Mumbai-400058, Maharashtra
IFSC/RTGS Code	IDIB000B092
Email id of A/C Holder	principal@spce.ac.in
Email id of PI	kiran_bhole@spce.ac.in

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@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>Dr. Kiran Suresh Bhole</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhola@spce.ac.in</b> <b>Mobile: 919869378873</b></p> <p><b>Dr. Nilesh Ramkrishna Raykar</b> <b>Mechanical Engineering</b> <b>Sardar Patel College Of Engineering</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>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@serbonline.in

612211041592

FILE NO. CRG/2021/000747-C

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

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

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

Dated: 03 January, 2022

**ORDER**

Subject: Research project entitled **Investigation of Fractal Growth on the Curved Surfaces in Hele Shaw Flow** under the guidance of Dr. Kiran Suresh Bhole, Mechanical Engineering, Sardar Patel College of Engineering, Munshi nagar, Andheri (west) Mumbai, Mumbai city, Maharashtra-400058 and by Dr. Nilesh Ramkrishna Raykar, Professor, Mechanical Engineering, Sardar Patel College Of Engineering.

1. In continuation of SERB's sanction order No. CRG/2021/000747 dated 03 January, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.2431747/-** under 'Grants-in-aid Capital' to Sardar Patel College Of Engineering, Munshi Nagar, Andheri (west) Mumbai, Mumbai City, Maharashtra-400058 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) and as mentioned in the sanction order of even number dated 03 January, 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 Core Research Grant (**PAC on Mechanical, Manufacturing, Aerospace Engineering & Robotics**) (Capital).

5. The Sanction has been issued with the approval of the competent authority on **28 December, 2021** and vide Diary No. **SERB/F/6265/2021-2022** dated **29 December, 2021**.

6. The release amount of **Rs. 2431747/-** (Rupees Twenty Four Lakh Thirty One Thousand Seven Hundred and Forty Seven 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	MHMC00003768
Account Name	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	Indian Bank INDIAN BANK, Bhavan's Campus, Munshi Nagar, Andheri West, Mumbai-400058, Maharashtra
IFSC/RTGS Code	IDIB000B092
Email id of A/C Holder	principal@spce.ac.in
Email id of PI	kiran_bhohle@spce.ac.in

(Dr. Pankaj K. Rawat)

Scientist D

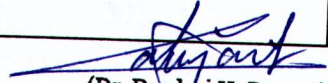
ms\_cmer@serbonline.in

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>Dr. Kiran Suresh Bhole</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhole@spce.ac.in</b> <b>Mobile: 919869378873</b></p> <p><b>Dr. Nilesh Ramkrishna Raykar</b> <b>Mechanical Engineering</b> <b>Sardar Patel College Of Engineering</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>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@serbonline.in

19

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(A statutory body of the Department of Science &amp; 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:

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

mSPAC\_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:

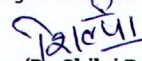
The following budget may be considered for **Institute For Stem Cell Biology And Regenerative Medicine, National Centre For Biological Sciences, Tata Institute Of Fundamental Research, GKVK, Bellary Road, Bangalore**

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>

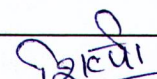
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).
3. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support 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>  <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>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>  <b>Assistant Registrar,</b>  <b>Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai</b></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 &amp; 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.

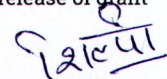
Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 8295584/- (Rs. Eighty Two Lakh Ninety Five Thousand Five Hundred and Eighty Four Only)** with break-up of **Rs. 3230000/- under Capital (Non-recurring) head** and **Rs.5065584/- 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>

- 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.

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.



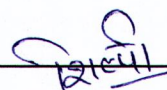
(Dr. Shilpi Paul)  
Scientist F

mspac\_supra@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

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 Engineerng Indian Institute of Technology Bombay , IIT po 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> Indian Institute Of Technology Bombay, IIT PO Powai, Mumbai (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

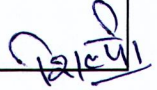
mispac\_supra@serbonline.in

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  
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
A'	Total (Non-Recurring)	0
<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'	Total (Recurring)	3462888
<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.

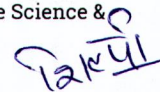
15. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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.



(Dr. Shilpi Paul)  
Scientist F

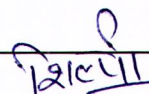
mspacesupra@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

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3.	File Copy

4.	<p><b>Prof. Prasanna S Gandhi</b> <b>Mechanical Engineering</b> <b>Indian Institute of Technology Bombay , IIT 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>



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

mspac\_supra@serbonline.in



Dr. Kiran Bhole &lt;kiran\_bhole@spce.ac.in&gt;

**Fwd: SERB-Notification**

2 messages

Rajendra Arya <aryarajendra10iitr@gmail.com>  
To: "Dr. Kiran Bhole" <kiran\_bhole@spce.ac.in>

Thu, Mar 10, 2022 at 10:03 PM



**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 &amp; ENGINEERING RESEARCH BOARD (SERB)

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

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

Approval LetterFile Number: SPR/2021/000538

Dated: 09-Mar-2022

Subject: Project titled "Development of machine for rapid fabrication of the biocompatible microneedles, followed by clinical testing".

Dear Prof. Prasanna S Gandhi,

The project cited above has been recommended by the related **Scientific and Useful Profound Research Advancement (SUPRA)** to the Science and Engineering Research Board (SERB) for funding. The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.

**Institute Name: Indian Institute of Technology Bombay****Manpower :**

-&gt; Junior Research Fellow - 1

-&gt; Research Associate-I - 1

**Equipment Details : Rs. 3230000**

-&gt; Solid state laser - 1

-&gt; Current Amplifiers - 3

-&gt; Voice Coil Actuators - 1

-&gt; Optical Shutter (AOM) - 1

-&gt; UV and visible optics components (mirrors, beam coupler ND filter, lenses and crosswire) and optomec - 1

-&gt; Freeze Dryer - 1

-&gt; Power Supply - 2

-&gt; Motorized XY micro-positioning stages - 1

-&gt; Microscope - 1

**Consumables : Rs. 600000 (Justifiable)****Other Cost : NIL**

**Travel Cost : As per norms**  
**Contingencies : As per norms**  
**Overhead : As per norms**

**Institute Name: Institute for Stem Cell Biology and Regenerative Medicine**

**Manpower :**

**-> Research Associate-I - 1**

**Consumables : Rs. 900000**

**Other Cost : NIL**

**Travel Cost : As per norms**

**Contingencies : As per norms**

**Overhead : As per norms**

You need to accept the above budgetary allocation before proceeding further. To accept the budgetary recommendations , you may follow the following steps :

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"

**You are requested to upload the following documents of the approved budget strictly within 10 days from the date of this letter.**

1. Upload the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any).
2. Salary structure for the project staff.
3. A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.
4. RTGS details of the implementing institute to facilitate transfer of the fund as per the template.
5. Any other documents (as detailed bellow specific the programme concerned).

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Depending on the activity chosen, additional budget would be provided under separate head to carry out the chosen activities. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents.

As per SERB norms, the National Laboratories and Research Institutions should share 50% of the non-recurring cost of the project. For projects with a total cost of more than Rs. 80 lakh, 50% of the non-recurring and consumables cost should be shared by the Lab/Institution.

Kindly upload the documents related viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc., matching with exact approved title of project submitted to SERB.

If the project does not require (viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc.) please confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues.

**(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues,**

**RCGM approval/ approval from Biodiversity Management Committee Environmental clearance, the project may be terminated without any notice.)**

Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. **SPR/2021/000538** may also be mentioned in all research communications arising from the above project.

Yours sincerely,

(Dr. Ramesh Vijayan)

Scientist D

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

Prof. Prasanna S Gandhi

Mechanical Engineering

Indian Institute Of Technology Bombay , lit Po Powai, Mumbai, Mumbai City, Maharashtra-400076

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

**Please do not reply to this mail !!**

[ SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline <https://www.twitter.com/serbonline>]

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PhD, Rice University, Houston, TX  
Professor,  
Mechanical Engineering,  
Indian Institute of Technology, Bombay  
Powai, Mumbai - 400 076

<https://www.me.iitb.ac.in/?q=faculty/Prof.%20P.%20S.%20Gandhi>  
<http://drprasannagandhi.com/>

Ph no.: (91-22) 2576 7519(o)  
(91-22) 2576 8519(r)  
Fax no.: (91-22) 2572 6875

**Dr. Kiran Bhole** <kiran\_bhole@spce.ac.in>

Fri, Mar 11, 2022 at 7:57 AM

To: "Dr. Kiran Bhole" <kiran\_bhole@spce.ac.in>, Kiran Bhole <kirandipali@gmail.com>, KIRAN BHOLE <kiran\_s\_bhole@yahoo.com>, KIRAN BHOLE <kiranbhole1977@gmail.com>

[Quoted text hidden]

--

Dr. Kiran Suresh Bhole

Associate Professor

Department of Mechanical Engineering,

Sardar Patel College of Engineering,

Andheri, Mumbai-400058.

Mobile: 9869378873.

<https://vidwan.inflibnet.ac.in/profile/228475/MjI4NDc1>

Google Scholar Profile: <https://scholar.google.com/citations?user=x4mxaCIAAAAJ&hl=en>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=55485785300>

ORCID: <https://orcid.org/0000-0002-7466-2213>

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

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

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

Dated: 03 January, 2022

**ORDER**

Subject: Financial Sanction of the research project titled **Investigation of Fractal Growth on the Curved Surfaces in Hele Shaw Flow** under the guidance of Dr. Kiran Suresh Bhole, Mechanical Engineering, Sardar Patel College of Engineering, Munshi nagar, Andheri (west) mumbai, Mumbai city, Maharashtra-400058 and by Dr. Nilesh Ramkrishna Raykar, Professor, Mechanical Engineering, Sardar Patel College Of Engineering - 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. 3180921/- (Rs. Thirty One Lakh Eighty Thousand Nine Hundred and Twenty One Only)** with break-up of **Rs. 2431747/- under Capital (Non-recurring) head** and **Rs. 749174/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3180921/-** has been approved are given below:

The following budget may be considered for **Sardar Patel College Of Engineering, Munshi Nagar, Andheri (West) Mumbai**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Data Acquisition System -> Servo Motorized Translation Stage Bundled with Controller and Power Supply -> Base Plate -> Motorized Linear Translation Stage, Stepper Motor -> Power Supply -> Benchtop Stepper Motor Controllers (three Channel) -> Adapter Plate -> Right Angle Brackets -> Glass Plates	2431747
A'	Total (Non-Recurring)	2431747
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	0 400000 60000
2	Recurring - IV : (Overhead Charges)	289174
B'	Total (Recurring)	749174
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3180921</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.

  
03.01.2022

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.

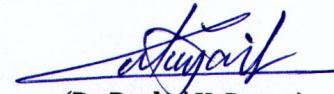
10. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

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/2021/000747 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.

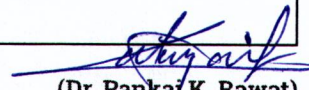
14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@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>Dr. Kiran Suresh Bhole</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhole@spce.ac.in</b> <b>Mobile: 919869378873</b></p> <p><b>Dr. Nilesh Ramkrishna Raykar</b> <b>Mechanical Engineering</b> <b>Sardar Patel College Of Engineering</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>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@serbonline.in



**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

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

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

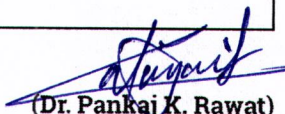
Dated: 03 January, 2022

**ORDER**

Subject: Research project entitled **Investigation of Fractal Growth on the Curved Surfaces in Hele Shaw Flow** under the guidance of Dr. Kiran Suresh Bhole, Mechanical Engineering, Sardar Patel College of Engineering, Munshi nagar, Andheri (west) Mumbai, Mumbai city, Maharashtra-400058 and by Dr. Nilesh Ramkrishna Raykar, Professor, Mechanical Engineering, Sardar Patel College Of Engineering.

1. In continuation of SERB's sanction order No. CRG/2021/000747 dated 03 January, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.289724/-** under 'Grants-in-aid General' to Sardar Patel College Of Engineering, Munshi Nagar, Andheri (west) Mumbai, Mumbai City, Maharashtra-400058 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) and as mentioned in the sanction order of even number dated 03 January, 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 Core Research Grant (**PAC on Mechanical, Manufacturing, Aerospace Engineering & Robotics**) (General).
5. The Sanction has been issued with the approval of the competent authority on **28 December, 2021** and vide Diary No. **SERB/F/6266/2021-2022** dated **29 December, 2021**.
6. The release amount of **Rs. 289724/-** (Rupees Two Lakh Eighty Nine Thousand Seven Hundred and Twenty Four 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:

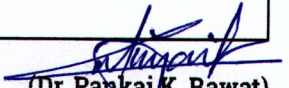
PFMS Unique Code	MHMC00003768
Account Name	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	Indian Bank INDIAN BANK, Bhavan's Campus, Munshi Nagar, Andheri West, Mumbai-400058, Maharashtra
IFSC/RTGS Code	IDIB000B092
Email id of A/C Holder	principal@spce.ac.in
Email id of PI	kiran_bhole@spce.ac.in

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@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>Dr. Kiran Suresh Bhole</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhola@spce.ac.in</b> <b>Mobile: 919869378873</b></p> <p><b>Dr. Nilesh Ramkrishna Raykar</b> <b>Mechanical Engineering</b> <b>Sardar Patel College Of Engineering</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>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@serbonline.in

612211041592

FILE NO. CRG/2021/000747-C

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

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

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

Dated: 03 January, 2022

**ORDER**

Subject: Research project entitled **Investigation of Fractal Growth on the Curved Surfaces in Hele Shaw Flow** under the guidance of Dr. Kiran Suresh Bhole, Mechanical Engineering, Sardar Patel College of Engineering, Munshi nagar, Andheri (west) Mumbai, Mumbai city, Maharashtra-400058 and by Dr. Nilesh Ramkrishna Raykar, Professor, Mechanical Engineering, Sardar Patel College Of Engineering.

1. In continuation of SERB's sanction order No. CRG/2021/000747 dated 03 January, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.2431747/-** under 'Grants-in-aid Capital' to Sardar Patel College Of Engineering, Munshi Nagar, Andheri (west) Mumbai, Mumbai City, Maharashtra-400058 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) and as mentioned in the sanction order of even number dated 03 January, 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 Core Research Grant (**PAC on Mechanical, Manufacturing, Aerospace Engineering & Robotics**) (Capital).

5. The Sanction has been issued with the approval of the competent authority on **28 December, 2021** and vide Diary No. **SERB/F/6265/2021-2022** dated **29 December, 2021**.

6. The release amount of **Rs. 2431747/-** (Rupees Twenty Four Lakh Thirty One Thousand Seven Hundred and Forty Seven 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	MHMC00003768
Account Name	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	Indian Bank INDIAN BANK, Bhavan's Campus, Munshi Nagar, Andheri West, Mumbai-400058, Maharashtra
IFSC/RTGS Code	IDIB000B092
Email id of A/C Holder	principal@spce.ac.in
Email id of PI	kiran_bhohle@spce.ac.in

(Dr. Pankaj K. Rawat)

Scientist D

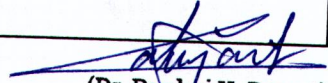
ms\_cmer@serbonline.in

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>Dr. Kiran Suresh Bhole</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhola@spce.ac.in</b> <b>Mobile: 919869378873</b></p> <p><b>Dr. Nilesh Ramkrishna Raykar</b> <b>Mechanical Engineering</b> <b>Sardar Patel College Of Engineering</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>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Pankaj K. Rawat)  
Scientist D  
ms\_cmer@serbonline.in

FILE NO. ECR/2016/000760  
SCIENCE & ENGINEERING RESEARCH BOARD

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

Dated: 25-Oct-2016

**ORDER**

Subject: Financial Sanction of the research project titled "**Design and Development of Three Axis Flexural Stages for Micro-Milling Workstation**" under the guidance of Dr. Kiran Suresh Bhole, Mechanical Engineering, Sardar Patel College of Engineering, Munshi Nagar, Andheri (West) Mumbai, Mumbai City, Maharashtra-400058  
- 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. 1992120/-** (Rs. Nineteen Lakh Ninety Two Thousand One Hundred and Twenty Only) with break-up of **Rs. 1436020/-** under **Capital (Non-recurring)** head and **Rs. 556100/-** under **General (Recurring)** head for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 1992120/-** has been approved are given below:

The following budget may be considered for **Sardar Patel College Of Engineering, Munshi Nagar, Andheri (West) Mumbai**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Data Acquisition System (DAQ) and microcontroller -> Brushless DC motor with controller -> Voice coil Actuators -> Encoders -> Force Sensors -> Linear Current Amplifiers -> Collect, adapter and other tool holding accessories -> DC power supply -> Manual stages and positioning devices	1436020
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1436020</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : ( Consumables, Travel, Contingencies)	375000
2	Recurring - B : (Overhead Charges)	181100
<b>B'</b>	<b>Total (Recurring)</b>	<b>556100</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>1992120</b>

2. Sanction of the **SERB** is also accorded to the payment of

**Rs. 1436020/-** (Rupees Fourteen Lakh Thirty Six Thousand and Twenty only) under 'Grants for creation of capital assets' and **Rs. 185360/-** (Rupees One Lakh Eighty Five Thousand Three Hundred and Sixty only) under 'Grants-in-aid General' to **Principal, Sardar Patel College Of Engineering, Munshi Nagar, Andheri (West) Mumbai**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

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

This release is being made under **Early Career Research Award. (EC Engineering Sciences)**

4. The Sanction has been issued to Sardar Patel College Of Engineering, Munshi Nagar, Andheri (West) Mumbai with the approval of the competent authority under delegated powers on **24 October, 2016** and vide Diary No. SERB/F/5368/2016-17 dated **25 October, 2016**

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.

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. **1621380/-** (Rupees Sixteen Lakh Twenty One Thousand Three Hundred and Eighty 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	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	INDIAN BANK INDIAN BANK, BHAVANS CAMPUS BRANCH, MUNSHI NAGAR, ANDHERI WEST, MUMBAI MAHARASHTRA 400058
IFSC/RTGS Code	IDIB000B092
Email id of A/C Holder	principal@spce.ac.in
Email id of PI	kiran_bhole@spce.ac.in

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.

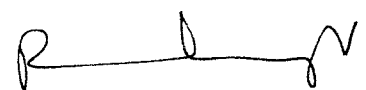
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the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

13. The project File no. ECR/2016/000760 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.



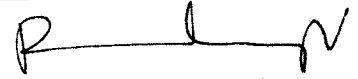
(Dr. V. Ramesh)  
SCIENTIST-C

drvramesh@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>Dr. Kiran Suresh Bhole</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering, Munshi Nagar, Andheri (West) Mumbai, Mumbai City,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhole@spce.ac.in</b> <b>Mobile: 919869378873</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>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar, Andheri (West) Mumbai</b>  (Receipt of Grant may be intimated by name to the undersigned)



(Dr. V. Ramesh)  
SCIENTIST-C  
drvramesh@serb.gov.in

20



FILE NO. ITS/2022/001117  
**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: 14 November, 2022


**ORDER**

Subject: Reimbursement of travel grant to **Dr. Kiran Suresh Bhole ( Senior Scientist ), Mechanical Engineering, Sardar Patel College of Engineering , Munshi nagar, Andheri (west) mumbai, Mumbai city, Maharashtra-400058** for attending "International Design Engineering Technical Conferences & Computers and Information in Engineering , USA (14 August, 2022 to 17 August, 2022)" held in "St Louis, USA".

1. Sanction of the **Science & Engineering Research Board (SERB)** is here by accorded to the payment of a sum of **Rs. 222398/- (Rs. Two Lakh Twenty Two Thousand Three Hundred and Ninety Eight Only)** Under Grant-in-aid General for meeting the expenses incurred towards participating in the above International event.
2. Sanction of the grant is subject to the condition as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in) and [www.serbonline.in](http://www.serbonline.in) ).
3. The expenditure involved is debit to "**Fund for Science & Engineering Research (FSER)**".
4. **This grant is being reimbursed under the ITS scheme.**
5. The Sanction has been issued to Sardar Patel College Of Engineering, Munshi Nagar, Andheri (West) Mumbai with the approval of the competent authority under delegated powers on **10 November, 2022** and vide Diary No. **SERB/F/6717/2022-2023** dated **11 November, 2022**.
6. The release amount of **Rs. 222398/-** (Rupees Two Lakh Twenty Two Thousand Three Hundred and Ninety Eight 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>	MHMC00003768
<b>Account Name</b>	SPCE GRANTS ACCOUNT
<b>Account Number</b>	430385092
<b>Bank Name &amp; Branch</b>	Indian Bank Bhavans Campus, Munshi Nagar, Andheri West, Mumbai 400058, Maharashtra
<b>IFSC/RTGS Code</b>	IDIB000B092
<b>Email id of A/C Holder</b>	principal@spce.ac.in
<b>Email id of PI</b>	kiran_bhole@spce.ac.in

7. It is certified that original boarding passes have been received along with other documents and retained in the Board.
8. In the eventuality of any excess payment arising on account of typographical errors, etc., the excess amount should be refunded immediately to the Science and Engineering Research Board (SERB) by way of an a/c payee cheque in favour of the "Fund for Science & Engineering Research". Non-compliance would lead to the SERB initiating recovery procedures which would also attract applicable penal interest which would be decided by the SERB.
9. In case of any discrepancy you may contact **ITS Section** at [ms.its@serb.gov.in](mailto:ms.its@serb.gov.in).

  
(Dr. Sukumar Dey)  
Scientist C  
[ms.its@serb.gov.in](mailto:ms.its@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.	<b>Dr. Kiran Suresh Bhole ( Senior Scientist )</b> <b>Mechanical Engineering</b> <b>Sardar Patel College of Engineering , Munshi nagar,Andheri (west) mumbai, Mumbai city,</b> <b>Maharashtra-400058</b> <b>Email: kiran_bhola@spce.ac.in</b> <b>Mobile: 919869378873</b>
5.	<b>Principal,</b> <b>Sardar Patel College Of Engineering, Munshi Nagar,Andheri (West) Mumbai</b>

(Dr. Sukumar Dey)  
Scientist C  
ms.its@serb.gov.in

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## COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Human Resource Development Group  
CSIR Complex, Library Avenue, Pusa, New Delhi 110 012  
Tel : 011 2584 1037  
Email: [symposia.travel@gmail.com](mailto:symposia.travel@gmail.com) , web <http://csirhrdg.res.in>

**Dhirendra Bansal**  
Senior Principal Scientist

Ref No. SYM/11958/22-HRD  
November 28, 2022

**Dr Kiran Suresh Bhole**  
Associate Professor  
Dept. of Mechanical Engineering  
Sardar Patel College of Engineering, Bhavans Campus, Munshi Nagar, Andheri West, Mumbai  
Maharashtra 400 058

**SUBJECT: Sadar Patel International Conference on Industry 4.0-Nascent Technologies and Sustainability for Make in India Initiative during Dec 22-23,2022 at Sardar Patel College of Engineering, Andheri Mumbai**

Dear Dr Bhole

With reference to your application on the above subject, we are happy to inform you that Director General, CSIR has been pleased to sanction a grant of **Rs.30000/- (Rupees Thirty Thousand Only)** subject to the following conditions:

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

Yours sincerely,

  
(Dhirendra Bansal)

Copy to: Audit (EMR) HRDG

22



अमृतं तु विद्या

025000



Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**

Tel : 91-22-2623 2192  
91-22-2628 9777  
Fax : 91-22-2623 7819

(Government-Aided Autonomous Institute)

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.

E-mail : principal@spce.ac.in  
Web : www.spce.ac.in

TEQIP-III/2020-21/36  
Date: 15/01/2021

**Approval of Seed Money Proposal under TEQIP-III**

Under seed money grant of TEQIP-III, the research proposal of following investigator from Civil Engineering Department has been approved by Department's Research Advisor. The topic of research proposal and sanctioned amount are tabulated below:

Sr. No.	Principal Investigator /Co.- PI	Title of Research Proposal	Sanctioned Amount (Rs.)
1	Dr. M. M. Murudi	Parametric Study on Durability of High Performance Concrete with Crushed Sand as Fine Aggregate.	1,00,000

The project investigators should utilize this fund for developing/creating research facilities in their respective areas. **Amount spent on execution** of approved project can be **claimed for reimbursement** from the TEQIP office of the institute.

**Outcome:** At least one research publication in scopus or goggle scholar indexed journal and international conference is desirable under the seed money grant.

Dr. Kiran S. Bhole  
Dean (R & D)

Dr. Rahul Dahatonde  
TEQIP-III Coordinator

Copy to: TEQIP Office, Head of the Department-Civil Engineering & investigator as listed above

23

Dated: 11 March, 2022

**ORDER**

Subject: Financial Sanction of the research project titled **Application of bio-electrochemical system for electrocoagulation and development of Anion exchange membrane using clay minerals** under the guidance of Dr. Anil Nivrati Ghadge, Civil Engineering, Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Bhavan's campus, bhavans college rd, munshi nagar, andheri west, mumbai, Mumbai city, Maharashtra-400058 - 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. 4589284/-** (Rs. Forty Five Lakh Eighty Nine Thousand Two Hundred and Eighty Four **Only**) with break-up of **Rs. 1778237/- under Capital (Non-recurring) head** and **Rs.2811047/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4589284/-** has been approved are given below:

The following budget may be considered for **Bharatiya Vidya Bhavan's Sardar Patel College Of Engineering, Bhavan's Campus, Bhavans College Rd, Munshi Nagar, Andheri West, Mumbai**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Potentiostat (Autolab) -> Temperature controlled Bath sonicator -> Data acquisition system and data storage system -> Online Effluent Quality Analyzer -> Peristaltic pumps (4channel)	1778237
A'	<i>Total (Non-Recurring)</i>	<b>1778237</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	1383840 975000 35000
2	Recurring - IV : (Overhead Charges)	417207
B'	<i>Total (Recurring)</i>	<b>2811047</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>4589284</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. 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)**

4. 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.

5. 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.

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

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

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

9. 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.

10. 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.



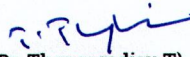
11. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

12. 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.

13. The project File no. EEQ/2021/001115 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.

14. 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.

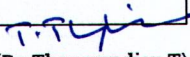
15. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

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

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<b>Dr. Anil Nivrati Ghadge</b> <b>Civil Engineering</b> <b>Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Bhavan's campus, bhavans college rd, munshi nagar, andheri west, mumbai, Mumbai city, Maharashtra-400058</b> <b>Email: a_ghadge@spce.ac.in</b> <b>Mobile: 919137982889</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>Principal,</b> <b>Bharatiya Vidya Bhavan's Sardar Patel College Of Engineering, Bhavan's Campus, Bhavans College Rd, Munshi Nagar, Andheri West, Mumbai</b>  (Receipt of Grant may be intimated by name to the undersigned)

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

FILE NO. EEQ/2021/001115-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: 11 March, 2022

**ORDER**

Subject: Research project entitled **Application of bio-electrochemical system for electrocoagulation and development of Anion exchange membrane using clay minerals** under the guidance of Dr. Anil Nivrati Ghadge, Civil Engineering, Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Bhavan's campus, bhavans college rd, munshi nagar, andheri west, mumbai, Mumbai city, Maharashtra-400058.

1. In continuation of SERB's sanction order No. EEQ/2021/001115 dated 11 March, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 2811047/-** under 'Grants-in-aid General' to Bharatiya Vidya Bhavan's Sardar Patel College Of Engineering, Bhavan's Campus, Bhavans College Rd, Munshi Nagar, Andheri West, Mumbai, Mumbai City, Maharashtra-400058 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 11 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 **Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)**.
5. The Sanction has been issued with the approval of the competent authority on **10 March, 2022** and vide Diary No. **SERB/F/10061/2021-2022** dated **11 March, 2022**.
6. The release amount of **Rs. 1040263/-** (Rupees Ten Lakh Forty Thousand Two Hundred and Sixty Three 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	MHMC00003768
Account Name	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	Indian Bank Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai 400058
IFSC/RTGS Code	IDIB000B092
Email id of A/C Holder	principal@spce.ac.in
Email id of PI	a_ghadge@spce.ac.in

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

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<b>Dr. Anil Nivrati Ghadge</b> Civil Engineering Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Bhavan's campus, bhavans college rd, munshi nagar, andheri west, mumbai, Mumbai city, Maharashtra-400058 Email: a_ghadge@spce.ac.in Mobile: 919137982889 (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.	Principal, Bharatiya Vidya Bhavan's Sardar Patel College Of Engineering, Bhavan's Campus, Bhavans College Rd, Munshi Nagar, Andheri West, Mumbai (Receipt of Grant may be intimated by name to the undersigned)

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


Dated: 11 March, 2022

**ORDER**

Subject: Research project entitled **Application of bio-electrochemical system for electrocoagulation and development of Anion exchange membrane using clay minerals** under the guidance of Dr. Anil Nivrati Ghadge, Civil Engineering, Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Bhavan's campus, bhavans college rd, munshi nagar, andheri west, mumbai, Mumbai city, Maharashtra-400058.

1. In continuation of SERB's sanction order No. EEQ/2021/001115 dated 11 March, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1778237/-** under 'Grants-in-aid Capital' to Bharatiya Vidya Bhavan's Sardar Patel College Of Engineering, Bhavan's Campus, Bhavans College Rd, Munshi Nagar, Andheri West, Mumbai, Mumbai City, Maharashtra-400058 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 11 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 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)**.
5. The Sanction has been issued with the approval of the competent authority on **10 March, 2022** and vide Diary No. **SERB/F/10060/2021-2022** dated **11 March, 2022**.
6. The release amount of **Rs. 1778237/-** (Rupees Seventeen Lakh Seventy Eight Thousand Two Hundred and Thirty Seven 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	MHMC00003768
Account Name	SPCE GRANTS ACCOUNT
Account Number	430385092
Bank Name & Branch	Indian Bank Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai 400058
IFSC/RTGS Code	IDIB000B092
Email id of A/C Holder	principal@spce.ac.in
Email id of PI	a_ghadge@spce.ac.in

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

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<b>Dr. Anil Nivrati Ghadge</b> Civil Engineering Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Bhavan's campus, bhavans college rd, munshi nagar, andheri west, mumbai, Mumbai city, Maharashtra-400058 Email: a_ghadge@spce.ac.in Mobile: 919137982889 (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> Bharatiya Vidya Bhavan's Sardar Patel College Of Engineering, Bhavan's Campus, Bhavans College Rd, Munshi Nagar, Andheri West, Mumbai (Receipt of Grant may be intimated by name to the undersigned)

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

24



**Dr. Pratishtha Pandey**  
Scientist 'F'/ Head  
R&D Infrastructure Division  
Email: pratishtha.tp@nic.in  
Tel.: 011-26590452

भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
टेक्नोलॉजी भवन नया महेरावली मार्ग  
नई दिल्ली- 110016  
Government of India  
Ministry of Science & Technology  
Department of Science & Technology  
Technology Bhawan, New Mehrauli Marg  
New Delhi - 110016

SR/FST/COLLEGE/2023/1473

30 October 2023

Subject: Proposal under "FIST Program - 2023" [TPN - 89614]

Dear Sir,

Kindly refer to the captioned proposal submitted by your Department/ Centre/ College for support under the FIST Program of DST. I am pleased to inform you that the proposal has been favorably recommended in Level A category by the DST, based on the recommendation of the FIST Advisory Board (FISTAB). The details of the recommendation for 5 years' duration of the project are given below:

**To strengthen research facilities in the College**

**[Being Private college the amount would be shared on 75:25 ratio]**

**E: ₹100.0 L [(High End FDM Type 3D Printer; Oxygen Plasma Treatment System; CNC Wire cut EDM)]**

**IRD: ₹1.0 L**

**SSR: ₹1.0 L**

**M: ₹10.0 L**

**Total: ₹112.0 L**

**[Any Shortage of funds for acquiring the recommended Equipment is to be borne by the HI]**

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the Upper Limit of the Budget as they are purely based on recommendations. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above to be acquired by the Department/ Centre/ School/College and actual cost of this project shall be firmed up based on these inputs from you. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/ Centre/ School/ College would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1<sup>st</sup> installment of grant now, you are requested to please upload the following documents you are requested to please upload the following documents by **10<sup>th</sup> November 2023 only through e-PMS web portal of the DST using the registered USER ID and PASSWORD:**

- Valid quotation for each of the recommended equipment (CIF value) for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, the recommendation shows Equipment list is "to be identified & prioritized", please submit quotations of the identified & prioritized Equipment only. **Teaching Aids like LCD Projector, Smart Boards etc. are out of scope of FIST support and shall not be projected by the Department/ Centre/ School/ College.**
- Quotations with detailed plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the Terms and Conditions of DST-FIST Program available at the Website:www.fist-dst.org.
- Budgetary quotes from suppliers along with details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, Lab renovation etc.
- Identify the activities pertaining to the Scientific Social Responsibility (SSR) to be conducted, and hence, provide a detailed plan with cost-wise details to undertake each of such activities.
- Identify the activities pertaining to the Industrial Research & Development (IRD) to be conducted, and hence, provide a detailed plan with cost-wise details to undertake each of such activities. It is a Proactive measure of DST to have a hand-holding system should be in place to assist startup and industry, organization of Industry & Academia Meetings in to encourage and maximize the utilization of research infrastructure. Such

encouragement would accelerate the human resource exchange program, deployment of research knowledge, deepen and strengthen current research links, and enable acquisition of new skill and practices.

The Department/ Centre/ School or College who have already enjoyed support earlier under FIST Program and recommended for **Repeat Support** now, shall need to complete all formalities i.e. **submission of Project Completion Report, Audited Financial Statements, Refund of unspent funds etc.**, for the previously supported project under DST-FIST Program. Process towards releasing the grants to such Department/ School/ Centre would not be possible to initiate without completion of all formalities for the previous project. **Blank Format** toward closure of previous project is also available at the Website: [www.fist-dst.org](http://www.fist-dst.org)

**Department/ Centre/ School/ College are also requested for uploading all documents (whichever is applicable) as a single PDF file through e-PMS web portal by 10<sup>th</sup> November 2023 in the following order:**

Sr. No.	For PG Colleges under Level A and Department/ Centre/School at the University/Academic Institute under Level B category
1	List of the Major & Minor Research Equipment with Cost (₹) and Quotations (one for each equipment)
2	Items for Networking Lab with cost (₹) and quotations
3	Items for Infrastructure including quotations for lab renovation, any other item and list of Books with Cost (₹), as applicable
4	Cost of sample preparations and other peripherals towards seeking the allocated amount under IRD budget head for undertaking analysis of the industrial samples
5	Cost-wise list of activities pertaining to the Scientific Social Responsibility (SSR) to be undertaken
6	Duly signed copy of Terms & Conditions
7	Composition of Project Implementation Group (PIG)
8	Details of Public Financial Management System (PFMS) registration of the University/ Institute for Scheme: Science & Technology Institutional and Human Capacity Building (Code 1817).
9	Undertaking and Details of Bank A/c (Guidelines and OM attached) to align your organization with the CNA system, For more details please see the link : <a href="https://dst.gov.in/sites/default/files/DST%20Scheme%20%5B1817-STIHCB%5D%20-%20CNA%20Particulars.pdf">https://dst.gov.in/sites/default/files/DST%20Scheme%20%5B1817-STIHCB%5D%20-%20CNA%20Particulars.pdf</a>
Documents (in PDF) to be submitted for the previously supported project (if any) under DST-FIST Program (Formats at <a href="http://www.fist-dst.org">www.fist-dst.org</a> )	
1	Project Completion Report
2	Brief Summary of FIST support (not for 1st time supported Departments/ Schools/ Centers/ Colleges)
3	Audited Financial Statements
4	Receipt generated after refund of unspent funds and accrued interest (if any) at the Consolidated Fund of India (CFI) through NTRP i.e. <a href="http://www.Bharatkosh.gov.in">www.Bharatkosh.gov.in</a>

Please do not send these documents in parts or by e-mail at the last moment. Incomplete documents submitted by any Department/ Centre/ School/ College would be unable to process for releasing grants. Kindly send the above information along with acceptance for taking up the project at the earliest to enable us to process the project for release of grant. In case we do not receive the above mentioned documents/ information within **10<sup>th</sup> November 2023**, it would be presumed that the Department/College is not interested in this project and the offer would automatically stand withdrawn. **Kindly Submit all the above-mentioned documents through e-PMS Web portal only.**

Any further correspondence related to the project you may communicate directly to my colleague, Ms. Suchita Lokhande, Scientist 'D' (E-mail: [suchita.lokhande@gov.in](mailto:suchita.lokhande@gov.in); Phone: 011-26590243) who will be handling the project henceforth.

With best regards

  
(Pratishtha Pandey)

To  
The Principal,  
Sardar Patel College of Engineering,  
Bhavan's Campus, Munshi Nagar, Andheri (West),  
Mumbai, Maharashtra (400058)



GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
SR/FST/COLLEGE-/2023/1473 (C)  
(R & D Infrastructure)

Technology Bhawan, New Delhi  
Dated: 18/03/2024

**Sanction Order**

**Subject:** Financial assistance for the project entitled "FIST PG College - Project" submitted by SARDAR PATEL COLLEGE OF ENGINEERING, MUMBAI, MUMBAI SUBURBAN, MAHARASHTRA, 400058. Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 1,12,00,000/- (Rupees One Crore Twelve Lakh only) for the duration of 5 Years . The detailed breakup of the grant for general as well as capital components are given below: -

Total General Component	₹ 12,00,000/-	DST Contribution (General)	₹ 9,00,000/-	HI/Industry/State Contribution (General)	₹ 3,00,000/-
Total Capital Component	₹ 1,00,00,000/-	DST Contribution (Capital)	₹ 75,00,000/-	HI/Industry/State Contribution (Capital)	₹ 25,00,000/-

			Non-Recurring Head (in Rs.)					
S.No.	Name of the Equipment	Qty.	1 Year	2 Year	3 Year	4 Year	5 Year	Total
1	i. High End FDM Type 3D Printer ii. Oxygen Plasma Treatment System iii. CNC Wire cut EDM-	3	7500000	0	0	0	0	7500000
2	(Non-Recurring Contribution)-.	1	2500000	0	0	0	0	2500000
Total			10000000	0	0	0	0	10000000

2. The sanction of the President is also accorded to the release of Rs. 75,00,000/- (Rupees Seventy Five Lakh only) to the "Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING" being the First installment of grant as mentioned above table under "Capital Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89 , Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.04	Other Programmes
3425.60.200.68.04.35	Grants for creation of capital assets
	(Previous: 3425.60.200.25.01.35)

4. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of 75,00,000/- (Rupees Seventy Five Lakh only) will be drawn by DDO, DST and disbursed to the "CNA account of TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. CNA shall assign/allocate the amount of Rs. 75,00,000/- (Rupees Seventy Five Lakh only) to the Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING" as per details given below:-

*Slobhande*  
18/3/24

Name of A/C Holder	PRINCIPAL, SARDAR PATEL COLLEGE OF ENGINEERING-DST
Bank A/C No	60466532154
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0000416

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No **156** . in the register of grants maintained in the **R & D Infrastructure** for the scheme **FIST PG College**.

7. This issues with the concurrence of IFD Vide their Concurring Dy. No **IFD/C/I/150324/35/06645 dated 15/03/2024**.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. **1/(18)/PFMS/FCD/2021 dated March 9, 2022** of Department of Expenditure, Ministry of Finance.

10. The organization is registered on NGO Darpan Portal and their Unique ID is **MH/2017/0161293**

11. This sanction order is subject to the **Terms & Conditions** as annexed .

*Suchita Lokhande*  
18/3/24

**Dr. Suchita Lokhande**  
Scientist - 'D'  
suchita.lokhande@gov.in

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

सुचिता लोखंडे / Suchita Lokhande  
वैज्ञानिक 'डी' / Scientist 'D'  
विज्ञान और प्रौद्योगिकी विभाग  
Department of Science & Technology  
भारत सरकार / Govt. of India  
नई दिल्ली / New Delhi-110016

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Principal, Mechanical Engineering, SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai, Mumbai Suburban, Maharashtra - 400058
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai, Mumbai Suburban, Maharashtra - 400058
7. Secretary, TDB, New Delhi ( for allocation of limits to implementing agency )
8. Head (R & D Infrastructure) DST
9. Sanction Folder (R & D Infrastructure)

*Suchita Lokhande*  
18/3/24

**Dr. Suchita Lokhande**  
Scientist - 'D'  
suchita.lokhande@gov.in





भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
SR/FST/COLLEGE-/2023/1473 (C)

**निबंधन और शर्तें**

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दर्शाते हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्यक्षीन है।
2. अनुदानग्राही संस्थान को बाद में जारी किए जाने वाले अनुदानों को समय-सीमा के साथ लक्षित सुपुर्दगी के आधार पर किया जाएगा अर्थात "लक्ष्य बनाम उपलब्धि" जैसा कि नीचे दी गई तालिका में उल्लेख किया गया है:

क्रमांक	प्रस्तावित प्रथम किस्त के साथ लक्ष्य
	निम्नलिखित अनुसंधान एवं विकास अवसरचना की खरीद/स्थापना
1.	High End FDM Type 3D Printer
2.	Oxygen Plasma Treatment System
3.	CNC Wire cut EDM-

3. विभाग/संस्थान किसी भी प्रत्याशित अधिक व्यय के मामले में व्यय को स्वीकृत राशि के भीतर उचित रूप से सीमित करेगा। विभाग से अनुरोध है कि जारी की गई धनराशि का उपयोग स्वीकृति आदेश की तिथि से प्रथम एक वर्ष में करें।
4. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफएमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
5. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
6. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्यक्षीन है-
  - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
  - ख) उपयोग प्रमाण-पत्र व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
7. जीएफआर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
8. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"
9. डीएसटी. अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।

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18/3/24

10. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।
11. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।
12. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।
13. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।
14. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु /उपस्कर) का अनिवार्यतया आर्न लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।
15. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।
16. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।
17. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।
18. पारदर्शिता और जवाबदेही बनाए रखने के लिए, एफआईएसटी अनुदान से प्राप्त सुविधाओं को भारतीय विज्ञान प्रौद्योगिकी और इंजीनियरिंग सुविधाओं के मानचित्र यानी आई-एसटीईएम पोर्टल ([www.istem.gov.in](http://www.istem.gov.in)) पर मैप किया जाना चाहिए और वैज्ञानिक समुदाय और उद्योग के लिए सुलभ होना चाहिए। आई-एसटीईएम पोर्टल में अनुसंधान सुविधाओं का मानचित्रण करने के बाद डीएसटी को सूचित किया जाना चाहिए।
19. अनुदानग्राही संस्थान को अन्य शैक्षणिक संस्थानों, विश्वविद्यालयों, नजदीकी कॉलेजों, राष्ट्रीय प्रयोगशालाओं, अनुसंधान एवं विकास प्रयोगशालाओं, स्टार्टअप और उद्योगों के बाहरी संकायों, शोधकर्ताओं, वैज्ञानिकों और छात्रों की मांगों के लिए एफआईएसटी सुविधाओं की सेवाओं को बढ़ावा देना चाहिए ताकि वे अनुसंधान एवं विकास गतिविधियों को बढ़ावा देने के लिए सक्षम हो सकें FIST सहयोगी अनुसंधान प्रयास।
20. लाभार्थी संगठन द्वारा समय-समय पर वैज्ञानिक उपकरणों के उपयोग और रखरखाव पर विशेष संगोष्ठी आयोजित की जाय ताकि सुचारु संचालन के साथ-साथ स्थापित सुविधा के अधिकतम अपटाइम को सुनिश्चित किया जा सके।
21. आईएफडी, डीएसटी के किसी भी डिवीजन के प्रतिनिधित्व के साथ एक टास्क फोर्स, आर एंड डी इन्फ्रास्ट्रक्चर डिवीजन के किसी भी वैज्ञानिक के साथ, जब भी जरूरत हो, डीएसटी द्वारा समर्थित प्रमुख सुविधाओं के उपयोग की स्थिति पर यादृच्छिक जांच करेगा।
22. पहचाने गए विभाग को दृश्यता देने के लिए, विभाग को "DST-FIST प्रायोजित विभाग" कहा जा सकता है। एफआईएसटी कार्यक्रम के लोगो को प्रदर्शित करने वाली सार्वजनिक सूचना को डीएसटी वेबसाइट से डाउनलोड किया जा सकता है और इस संबंध में उपयुक्त रूप से प्रदर्शित किया जा सकता है।
23. अनुदानग्राही संस्थान को मई 2022 को जारी विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार के वैज्ञानिक अनुसंधान अवसंरचना साझा रखरखाव और नेटवर्क (श्रीमान) दिशानिर्देशों का पालन, कार्यान्वयन और अपनाना चाहिए।
24. अनुदानग्राही संस्थान को मई 2022 को जारी विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार के वैज्ञानिक सामाजिक उत्तरदायित्व (एसएसआर) दिशानिर्देशों का पालन करना चाहिए और उन्हें अपनाना चाहिए। औद्योगिक अनुसंधान एवं विकास सहायता और एसएसआर घटक के लिए जारी किए गए अनुदान का उपयोग करते हुए, अनुदानग्राही संस्थान को एसएसआर के व्यापक दिशानिर्देशों का अक्षरशः कार्यान्वयन सुनिश्चित करना चाहिए और एफआईएसटी के हितधारकों के बीच एसएसआर दिशानिर्देशों के लाभों को उजागर करना चाहिए।

*S. Chand*  
18/3/24

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GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
**SR/FST/COLLEGE-/2023/1473 (C)**

**Terms & Conditions**

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. Subsequent releases of grants to the grantee institute would be made on the basis of the targeted deliverables with the timelines i.e. "Targets Vs Achievement" as mentioned in the Table below:

S. No.	Target with Proposed First Instalment
	Procurement/ Installation of following R&D Infrastructure
1.	High End FDM Type 3D Printer
2.	Oxygen Plasma Treatment System
3.	CNC Wire cut EDM-

3. The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any anticipated excess expenditure. **The Department is requested to utilize the released funds in the first one year from the date of sanction order.**
4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
6. The grant-in-aid being released is subject to the condition that:-
  - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
  - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

*Shobhanele*  
18/3/24

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
13. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
14. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.
15. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.
16. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.
17. The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.
18. To maintain transparency and accountability, the facilities acquired from FIST Grant should be mapped to Indian Science Technology and Engineering facilities Map i.e. I-STEM portal ([www.istem.gov.in](http://www.istem.gov.in)) and should be accessible to the scientific community and industry. DST should be informed after mapping the research facilities in the I-STEM Portal.
19. The Grantee Institution should promote services of FIST facilities to the demands of outside faculties, researchers, scientists and students at other academic institutes, universities, nearby colleges national laboratories, R&D Labs, Startups, and Industries to enable them to carry out R&D activities to promote FIST collaborative research endeavours.
20. Special seminar/s on usage and upkeep of scientific instruments might be conducted from time to time by the beneficiary organization to ensure smooth functioning as well as maximum uptime of the established facility.
21. A task-force with representation from IFD, any Division of DST along with any scientist of the R&D Infrastructure Division would undertake random check on the status of utilization of the major facilities supported by DST, as and when needed.
22. To give visibility to the identified department, the department may be called as "DST-FIST Sponsored Department". The Public Notice displaying the Logo of the FIST Program may be downloaded from the DST website and suitably displayed in this regard.
23. The Grantee Institution should follow, implement and adopt the Scientific research infrastructure sharing maintenance and networks (SRIMAN) guidelines of Ministry of Science & Technology, GoI, released on May 2022.
24. The Grantee Institution should follow and adopt the Scientific social responsibility (SSR) guidelines of Ministry of Science & Technology, GoI, released on May 2022. While utilising the grant which has released towards industrial R&D support and SSR component, the Grantee Institute must ensure the implementation of SSR broad guidelines both in letter and spirit and should highlight the benefits of SSR guidelines among stakeholders of FIST.

*Shlokande*  
18/3/24

संलग्नक



# Public Financial Management System-PFMS

O/o Controller General of Accounts, Ministry of Finance

(formerly CPSMS)

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OLD UC

## Payee Details

Controller: 037-SCIENCE AND TECHNOLOGY      **Sanction Status:** Approved

Sanction Number: SR/FST/COLLEGE-/2023/1473 (G)      **Sanction Date:** 18/03/2024

Sanction Type: Transfer (DDO Bill)      **Sanction Amount:** 1

IFD Number: IFD/C/I/150324/31/06644      **IFD Date:** 15/03/2024

Scheme: 1817-Science and Technology Institutional and Human Capacity Building      **PAO:** 058296-PAO(DST), New Delhi

DDO: 258297-DEPARTMENT OF SCIENCE & TECHNOLOGY (INCLUDING,NCST)      **Remarks:** Approved for Re.1/- to transfer to CNA. CNA may assign Sanction Limit of Rs.150000/- to grantee Institute in PFMS

North East Expenditure

### Account Details:

Grant	Department (For UT Grants Only)	Function Head	Object Head	Category	Amount	External PAO	Available Budget
989 - Department of Science and Technology		3425602006804 - OTHER PROGRAMMES	31 - GRANTS-IN-AID GENERAL	5 - VOTED	1		1038178458

Agency	Bank Account No	Amount	Instrument Type
TECHNOLOGY DEVELOPMENT BOARD, DEPARTMENT OF SCIENCE AND TECHNOLOGY	60414917022 - SCIENCE AND TECH II	1.00	RTGS

### Payment Details

Accredited Bank : \* UNION BANK OF INDIA      Amount : 1      Not Payable Before : \* Required

Party Name	IFSC Code	Party Account No	Amount	Payee Remarks
SCIENCE AND TE	MAHB0000593	60414917022	1	CNA limit Rs 150000

Note: If the IFSC Code is not automatically shown it means bank A/C is not validated.If payment process is urgent please key in the IFSC Code and process payment.Please ensure IFSC Code is correct.

Back

*Suchita Lokhande*  
18/3/24



GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
SR/FST/COLLEGE-/2023/1473 (G)  
(R & D Infrastructure)

Technology Bhawan, New Delhi  
Dated: 18/03/2024

**Sanction Order**

**Subject:** Financial assistance for the project entitled “FIST PG College - Project” submitted by SARDAR PATEL COLLEGE OF ENGINEERING, MUMBAI, MUMBAI SUBURBAN, MAHARASHTRA, 400058 Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 1,12,00,000/- (Rupees One Crore Twelve Lakh only)** for a duration of **5 Years**. The detailed breakup of the grant for General as well as Capital Components are given below:-

<b>Total General Component</b>	<b>₹ 12,00,000/-</b>	<b>DST Contribution (General)</b>	<b>₹ 9,00,000/-</b>	<b>HI/Industry/State Contribution (General)</b>	<b>₹ 3,00,000/-</b>
<b>Total Capital Component</b>	<b>₹ 1,00,00,000/-</b>	<b>DST Contribution (Capital)</b>	<b>₹ 75,00,000/-</b>	<b>HI/Industry/State Contribution (Capital)</b>	<b>₹ 25,00,000/-</b>

Items	Budget Summary (in Rs.)					Total
	Year-1	Year-2	Year-3	Year-4	Year-5	
<b>1- Non-Recurring</b>						
i. High End FDM Type 3D Printer ii. Oxygen Plasma Treatment System iii. CNC Wire cut EDM- - 3	7500000	0	0	0	0	7500000
<b>(Non-Recurring Contribution)-.</b>	2500000	0	0	0	0	2500000
<b>Subtotal (Capital)</b>	10000000	0	0	0	0	10000000
<b>2- Recurring</b>						
<b>(Recurring Contribution)-.</b>	50000	75000	75000	50000	50000	300000
<b>Industrial R&amp;D Support (IRD)-.</b>	75000	0	0	0	0	75000
<b>Scientific Social Responsibility Activities (SSR)-.</b>	75000	0	0	0	0	75000
<b>Maintenance (M)-.</b>	0	225000	225000	150000	150000	750000
<b>Subtotal (General)</b>	200000	300000	300000	200000	200000	1200000
<b>Total Contribution (Cap.+ Gen.)</b>	2550000	75000	75000	50000	50000	2800000
<b>Total Project Cost (Cap.+ Gen.)</b>	10200000	300000	300000	200000	200000	11200000

2. The sanction of the President is also accorded to the release of **Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand only)** to the “Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING” being the First installment of grant as mentioned above table under “General Component” for the above mentioned project.

3. The expenditure involved is debit to **Demand No. 89**, Department of Science & Technology for the year **2023-24**:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.04	Other Programmes
3425.60.200.68.04.31	Grants-in-aid-General
	(Previous: 3425.60.200.25.01.31)

*Slokhande*  
18/3/24

4. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of 1,50,000/- (Rupees One Lakh Fifty Thousand only) will be drawn by DDO, DST and disbursed to the "CNA account of TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. CNA shall assign/allocate the amount of Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand only) to the Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING" as per details given below:-

Name of A/C Holder	PRINCIPAL, SARDAR PATEL COLLEGE OF ENGINEERING-DST
Bank A/C No	60466532154
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0000416

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 155 . in the register of grants maintained in the R & D Infrastructure for the scheme FIST PG College .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/I/150324/31/06644 dated 15/03/2024.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. The organization is registered on NGO Darpan Portal and their Unique ID is MH/2017/0161293

11. This sanction order is subject to the Terms & Conditions as annexed .

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

*Suchita Lokhande*  
18/3/24  
Dr. Suchita Lokhande  
(Scientist - 'D')  
suchita.lokhande@gov.in  
सुचिता लोखंडे / Suchita Lokhande  
वैज्ञानिक 'डी' / Scientist 'D'  
विज्ञान और प्रौद्योगिकी विभाग  
Department of Science & Technology  
भारत सरकार / Govt. of India  
नई दिल्ली / New Delhi-110016

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Principal, Mechanical Engineering, SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai, Mumbai Suburban, Maharashtra - 400058
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai, Mumbai Suburban, Maharashtra - 400058
7. Secretary, TDB, New Delhi ( for allocation of limits to implementing agency )
8. Head (R & D Infrastructure) DST
9. Sanction Folder (R & D Infrastructure)

*Suchita Lokhande*  
18/3/24  
Dr. Suchita Lokhande  
(Scientist - 'D')  
suchita.lokhande@gov.in



GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
**SR/FST/COLLEGE-/2023/1473 (G)**  
**Terms & Conditions**

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. Subsequent releases of grants to the grantee institute would be made on the basis of the targeted deliverables with the timelines i.e. "Targets Vs Achievement" as mentioned in the Table below:

S. No.	Target with Proposed First Instalment
	Procurement/ Installation of following R&D Infrastructure
1.	Any Other (Industrial R&D Support (IRD)
2.	Any Other (Scientific Social Responsibility Activities (SSR)-

3. The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any anticipated excess expenditure. **The Department is requested to utilize the released funds in the first one year from the date of sanction order.**
4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
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10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

*Shankar*  
18/3/24



11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
13. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
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18. To maintain transparency and accountability, the facilities acquired from FIST Grant should be mapped to Indian Science Technology and Engineering facilities Map i.e. I-STEM portal ([www.istem.gov.in](http://www.istem.gov.in)) and should be accessible to the scientific community and industry. DST should be informed after mapping the research facilities in the I-STEM Portal.
19. The Grantee Institution should promote services of FIST facilities to the demands of outside faculties, researchers, scientists and students at other academic institutes, universities, nearby colleges national laboratories, R&D Labs, Startups, and Industries to enable them to carry out R&D activities to promote FIST collaborative research endeavours.
20. Special seminar/s on usage and upkeep of scientific instruments might be conducted from time to time by the beneficiary organization to ensure smooth functioning as well as maximum uptime of the established facility.
21. A task-force with representation from IFD, any Division of DST along with any scientist of the R&D Infrastructure Division would undertake random check on the status of utilization of the major facilities supported by DST, as and when needed.
22. To give visibility to the identified department, the department may be called as "DST-FIST Sponsored Department". The Public Notice displaying the Logo of the FIST Program may be downloaded from the DST website and suitably displayed in this regard.
23. The Grantee Institution should follow, implement and adopt the Scientific research infrastructure sharing maintenance and networks (SRIMAN) guidelines of Ministry of Science & Technology, GoI, released on May 2022.
24. The Grantee Institution should follow and adopt the Scientific social responsibility (SSR) guidelines of Ministry of Science & Technology, GoI, released on May 2022. While utilising the grant which has released towards industrial R&D support and SSR component, the Grantee Institute must ensure the implementation of SSR broad guidelines both in letter and spirit and should highlight the benefits of SSR guidelines among stakeholders of FIST.

*Shobanand*  
18/3/24

संलग्नक



भारत सरकार

विज्ञान और प्रौद्योगिकी मंत्रालय

विज्ञान और प्रौद्योगिकी विभाग

SR/FST/COLLEGE-/2023/1473 (G)

**निबंधन और शर्तें**

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दर्शाते हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्यधीन है।

2. अनुदानग्राही संस्थान को बाद में जारी किए जाने वाले अनुदानों को समय-सीमा के साथ लक्षित सुपुर्दगी के आधार पर किया जाएगा अर्थात "लक्ष्य बनाम उपलब्धि" जैसा कि नीचे दी गई तालिका में उल्लेख किया गया है:

क्रमांक	प्रस्तावित प्रथम किश्त के साथ लक्ष्य
	निम्नलिखित अनुसंधान एवं विकास अवसंरचना की खरीद/स्थापना:
1.	Any Other (Industrial R&D Support (IRD))
2.	Any Other (Scientific Social Responsibility Activities (SSR))-

3. विभाग/संस्थान किसी भी प्रत्याशित अधिक व्यय के मामले में व्यय को स्वीकृत राशि के भीतर उचित रूप से सीमित करेगा। विभाग से अनुरोध है कि जारी की गई धनराशि का उपयोग स्वीकृति आदेश की तिथि से प्रथम एक वर्ष में करें।

4. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफएमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।

5. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।

6. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्यधीन है-

ग) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्त पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।

घ) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।

7. जीएफआर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।

8. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"

9. डीएसटी. अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।

10. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।

*Slotmanche*  
18/3/24

11. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।
12. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।
13. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।
14. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु /उपस्कर) का अनिवार्यतया आन लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।
15. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।
16. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।
17. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।
18. पारदर्शिता और जवाबदेही बनाए रखने के लिए, एफआईएसटी अनुदान से प्राप्त सुविधाओं को भारतीय विज्ञान प्रौद्योगिकी और इंजीनियरिंग सुविधाओं के मानचित्र यानी आई-एसटीईएम पोर्टल ([www.istem.gov.in](http://www.istem.gov.in)) पर मैप किया जाना चाहिए और वैज्ञानिक समुदाय और उद्योग के लिए सुलभ होना चाहिए। आई-एसटीईएम पोर्टल में अनुसंधान सुविधाओं का मानचित्रण करने के बाद डीएसटी को सूचित किया जाना चाहिए।
19. अनुदानग्राही संस्थान को अन्य शैक्षणिक संस्थानों, विश्वविद्यालयों, नजदीकी कॉलेजों, राष्ट्रीय प्रयोगशालाओं, अनुसंधान एवं विकास प्रयोगशालाओं, स्टार्टअप्स और उद्योगों के बाहरी संकायों, शोधकर्ताओं, वैज्ञानिकों और छात्रों की मांगों के लिए एफआईएसटी सुविधाओं की सेवाओं को बढ़ावा देना चाहिए ताकि वे अनुसंधान एवं विकास गतिविधियों को बढ़ावा देने के लिए सक्षम हो सकें FIST सहयोगी अनुसंधान प्रयास।
20. लाभार्थी संगठन द्वारा समय-समय पर वैज्ञानिक उपकरणों के उपयोग और रखरखाव पर विशेष संगोष्ठी आयोजित की जाय ताकि सुचारु संचालन के साथ-साथ स्थापित सुविधा के अधिकतम अपटाइम को सुनिश्चित किया जा सके।
21. आईएफडी, डीएसटी के किसी भी डिवीजन के प्रतिनिधित्व के साथ एक टास्क फोर्स, आर एंड डी इंफ्रास्ट्रक्चर डिवीजन के किसी भी वैज्ञानिक के साथ, जब भी जरूरत हो, डीएसटी द्वारा समर्थित प्रमुख सुविधाओं के उपयोग की स्थिति पर यादृच्छिक जांच करेगा।
22. पहचाने गए विभाग को दृश्यता देने के लिए, विभाग को "DST-FIST प्रायोजित विभाग" कहा जा सकता है। एफआईएसटी कार्यक्रम के लोगो को प्रदर्शित करने वाली सार्वजनिक सूचना को डीएसटी वेबसाइट से डाउनलोड किया जा सकता है और इस संबंध में उपयुक्त रूप से प्रदर्शित किया जा सकता है।
23. अनुदानग्राही संस्थान को मई 2022 को जारी विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार के वैज्ञानिक अनुसंधान अवसंरचना साझा रखरखाव और नेटवर्क (श्रीमान) दिशानिर्देशों का पालन, कार्यान्वयन और अपनाना चाहिए।
24. अनुदानग्राही संस्थान को मई 2022 को जारी विज्ञान और प्रौद्योगिकी मंत्रालय भारत सरकार के वैज्ञानिक सामाजिक उत्तरदायित्व (एसएसआर) दिशानिर्देशों का पालन करना चाहिए और उन्हें अपनाना चाहिए। औद्योगिक अनुसंधान एवं विकास सहायता और एसएसआर घटक के लिए जारी किए गए अनुदान का उपयोग करते हुए अनुदानग्राही संस्थान को एसएसआर के व्यापक दिशानिर्देशों का अक्षरशः कार्यान्वयन सुनिश्चित करना चाहिए और एफआईएसटी के हितधारकों के बीच एसएसआर दिशानिर्देशों के लाभों को उजागर करना चाहिए।

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GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
**DST/WISE-PDF/EA-16/2023 (G)**  
**(WISE KIRAN)**

Technology Bhawan, New Delhi  
Dated: 24/05/2024

**Sanction Order**

**Subject:** Financial assistance for the project entitled “**Structural control of landslides between Lonavala and Pune along Mumbai Pune expressway - Implication to Neotectonic Deformation**” submitted by **Dr. Suman Rawat, SARDAR PATEL COLLEGE OF ENGINEERING, MUMBAI, MUMBAI SUBURBAN, MAHARASHTRA, 400058** Release of the **First** installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 41,23,240/- (Rupees Forty One Lakh Twenty Three Thousand Two Hundred Forty only)** for a duration of **3 Years** . The detailed breakup of the grant for General as well as Capital Components are given below:-

**General Component : ₹ 39,63,240/-**

**Capital Component : ₹ 1,60,000/-**

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
<b>1- Non-Recurring</b>				
Computer; Camera; Brunton & Hammer-Non-Recurring Grant - 3	160000	0	0	160000
<b>Subtotal (Capital)</b>	160000	0	0	160000
<b>2- Recurring</b>				
<b>Project Staff</b>	1021080	1021080	1021080	3063240
Project Scientist-I-1 (Women Scientist @Rs. 67000/-pm)	1021080	1021080	1021080	3063240
<b>Overhead</b>	100000	100000	100000	300000
<b>Research Grant-</b>	200000	200000	200000	600000
<b>Subtotal (General)</b>	1321080	1321080	1321080	3963240
<b>Total Project Cost (Cap.+ Gen.)</b>	1481080	1321080	1321080	4123240

2. The sanction of the President is also accorded to the release of **Rs. 13,21,080/- (Rupees Thirteen Lakh Twenty One Thousand Eighty only)** to the “**Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING**” being the **First** installment of grant as mentioned above table under “**General Component**” for the above mentioned project.

3. The expenditure involved is debitable to **Demand No. 89**, Department of Science & Technology for the year **2024-2025**:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.01	Disha Programme for Women in Science
3425.60.200.68.01.31	Grants-in-aid General
	(Previous: 3425.60.200.55.01.31)

4. The amount of **Rs. 1/- (Rupee One only)** against the sanctioned amount of **13,21,080/- (Rupees Thirteen Lakh Twenty One Thousand Eighty only)** will be drawn by DDO, DST and disbursed to the “**CNA account of TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme**”.

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
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Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. CNA shall assign/allocate the amount of Rs. 13,21,080/- (Rupees Thirteen Lakh Twenty One Thousand Eighty only) to the Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING" as per details given below:-

Name of A/C Holder	Principal, Sardar Patel College of Engineering - DST
Bank A/C No	60466532154
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0000416

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 47 . in the register of grants maintained in the WISE KIRAN for the scheme WISE-PDF (WISE Post-Doctoral Fellowship) .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/I/230524/31/00616 dated 23/05/2024.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. The fellowship amount, as indicated in the Sanction Order, is taxable, as per "WISE-PDF General Guidelines" and Instructions for project implementation at para-C(xii), Pg.5.

11. This sanction order is subject to the Terms & Conditions as annexed .

*Shubham*

Shubham Goel  
(Scientist - 'C')  
goel.shubham@gov.in

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

Copy of information and necessary action to :-

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Suman Rawat, Women Scientist, Department of Civil Engineering, SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai, Mumbai Suburban, Maharashtra - 400058
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai, Mumbai Suburban, Maharashtra - 400058
7. Secretary, Technology Development Board (TDB), New Delhi ( for allocation of limits to implementing agency )
8. Head (WISE KIRAN) DST
9. Sanction Folder (WISE KIRAN)

*Shubham*

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GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
DST/WISE-PDF/EA-16/2023 (C)  
(WISE KIRAN)

Technology Bhawan, New Delhi

Dated: 24/05/2024

**Sanction Order**

**Subject:** Financial assistance for the project entitled "Structural control of landslides between Lonavala and Pune along Mumbai Pune expressway - Implication to Neotectonic Deformation" submitted by Dr. Suman Rawat, SARDAR PATEL COLLEGE OF ENGINEERING, MUMBAI, MUMBAI SUBURBAN, MAHARASHTRA, 400058. Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 41,23,240/- (Rupees Forty One Lakh Twenty Three Thousand Two Hundred Forty only)** for the duration of **3 Years**. The detailed breakup of the grant for general as well as capital components are given below: -

**General Component : ₹ 39,63,240**

**Capital Component : ₹ 1,60,000**

S.No.	Name of the Equipment	Qty.	Non-Recurring Head (in Rs.)			Total
			1 Year	2 Year	3 Year	
1	Computer; Camera; Brunton & Hammer-Non-Recurring Grant	3	160000	0	0	160000
Total			160000	0	0	160000

2. The sanction of the President is also accorded to the release of **Rs. 1,60,000/- (Rupees One Lakh Sixty Thousand only)** to the "Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING" being the First installment of grant as mentioned above table under "**Capital Component**" for the above mentioned project.

3. The expenditure involved is debitible to **Demand No. 89**, Department of Science & Technology for the year **2024-2025**:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.01	Disha Programme for Women in Science
3425.60.200.68.01.35	Grants for creation of capital assets
	(Previous: 3425.60.200.55.01.35)

4. The amount of **Rs. 1/- (Rupee One only)** against the sanctioned amount of **1,60,000/- (Rupees One Lakh Sixty Thousand only)** will be drawn by DDO, DST and disbursed to the "CNA account of TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. CNA shall assign/allocate the amount of **Rs. 1,60,000/- (Rupees One Lakh Sixty Thousand only)** to the Director/Registrar/Principal/Controller/Comptroller, SARDAR PATEL COLLEGE OF ENGINEERING" as per details given below:-

Name of A/C Holder	Principal, Sardar Patel College of Engineering - DST
Bank A/C No	60466532154
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0000416

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 48 . in the register of grants maintained in the WISE KIRAN for the scheme WISE-PDF (WISE Post-Doctoral Fellowship).

7. This issues with the concurrence of IFD Vide their Concurring Dy. No IFD/C/1/230524/35/00617 dated 23/05/2024.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. The fellowship amount, as indicated in the Sanction Order, is taxable, as per "WISE-PDF General Guidelines" and Instructions for project implementation at para-C(xii), Pg.5.

11. This sanction order is subject to the Terms & Conditions as annexed .

*Shubham*

Shubham Goel  
Scientist - 'C'  
goel.shubham@gov.in

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

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
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