

Supporting Documents

3.1.3

Teachers Received National / International Fellowship/ Financial Support for advanced studies/research

Sl. No.	Documents Attached
1.	List of teachers who have received the awards
2.	E-copies of the award letters of the teachers



List of teachers who have received the awards

Department	Name of the teacher awarded national/ international fellowship/ financial support	Name of the award/ fellowship	Year of Award	Awarding Agency
Chemical Sciences	Dr Rupesh Kumar	Teacher Associateship for research excellence (TARE)	2022	DST-Sciences and Engineering Research Board (SERB), New Delhi
Physical Sciences	Dr. Rabia Pandit/Dr.Hitesh Sharma	Women Scientist Scheme-A (WOS-A)	2020-21	DST-Sciences and Engineering Research Board (SERB), New Delhi
Electronics and Communication Engineering	Dr Amit Gupta/ Dr Surinder Singh	Teachers Associateship for Research Excellence (TARE)	2021-22	DST-Sciences and Engineering Research Board (SERB), New Delhi
Hoshiarpur Campus	Dr. Kulwinder Singh	MATRICS	2020-21	DST-Sciences and Engineering Research Board (SERB), New Delhi

E-copies of the award letters of the teachers



FILE NO. TAR/2022/000520

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: 24-Nov-2022

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Rupesh Kumar, I.K. Gujral Punjab Technical University, I.k. Gujral Punjab Technicial University,. Near Pushpa Gujral Science City,. Ibban, Kapurthala-144603, Kapurthala, Punjab-144603-** under the mentorship of **Dr Jaspreet Kaur Rajput**, at **Dr. B R Ambedkar National Institute of Technology N.I.T. Post Office Jalandhar - 144011-** 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 Only)** for a duration of 36 months. The date of start of the project will be 17 October, 2022. 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

I.K. Gujral Punjab Technical University, I.k. Gujral Punjab Technicial University,. Near Pushpa Gujral Science City,. Ibban, Kapurthala-144603, Kapurthala, Punjab-144603 (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

Dr. B R Ambedkar National Institute of Technology N.I.T. Post Office Jalandhar - 144011 (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 **I.K. Gujral Punjab Technical University, I.K. Gujral Punjab Technicial University,. Near Pushpa Gujral Science City,. Ibban, Kapurthala-144603**, **Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** to **Dr. B R Ambedkar National Institute of Technology N.I.T. Post Office Jalandhar - 144011** 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 Teachers Associateship For Research Excellence (TARE). (Organic Chemistry)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/7166/2022-2023 dated 23 November, 2022**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (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:

I.K. Gujral Punjab Technical University , I.k. gujral punjab technical university,. near pushpa gujral science city, ibban, kapurthala-144603, Kapurthala, Punjab-144603 (Parent) :

PFMS Unique Code	PTUJAL
Account Name	PTU-GRANT-IN-AID
Account Number	0046145000276
Bank Name & Branch	HDFC BANK LTD G.T. Road Jalandhar, Plot No 911, G.T. Road, Jalandhar
IFSC/RTGS Code	HDFC000046
Email address of PI	rupesh.manak@gmail.com
Email id of A/C Holder	registrar@ptu.ac.in
Email address of concerned officer	tare.serbindia@gmail.com

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:

Dr. B R Ambedkar National Institute of Technology N.I.T. Post Office Jalandhar - 144011 (Host) :

PFMS Unique Code	NIT08
Account Name	Dr B R Ambedkar NIT Jalandhar (Other grant)
Account Number	2945101003053
Bank Name & Branch	Canara Bank NIT Campus, NIT Campus Jalandhar-144011
IFSC/RTGS Code	CNRB0002945
Email address of PI	rupesh.manak@gmail.com
Email id of A/C Holder	registrar@nitj.ac.in
Email id of Mentor	Dr Jaspreet Kaur Rajput

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.

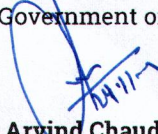
11. The File no. **TAR/2022/000520** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

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.

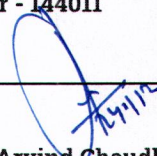
15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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


(Dr. Arvind Chaudhary)
Scientist D
tare.serbindia@gmail.com

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>(i) Dr. Rupesh Kumar Department of Chemical Sciences I.K. Gujral Punjab Technical University , I.k. gujral punjab techncial university,. near pushpa gujral science city,. ibban, kapurthala-144603, Kapurthala, Punjab-144603 Email: rupesh.manak@gmail.com Mobile: 919914231989</p> <p>(ii) Dr Jaspreet Kaur Rajput Dr. B R Ambedkar National Institute of Technology N.I.T. Post Office Jalandhar - 144011</p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>(i) Registrar, I.K. Gujral Punjab Technical University, I.K. Gujral Punjab Technicial University,. Near Pushpa Gujral Science City,. Ibban, Kapurthala-144603</p> <p>(ii)Registrar Dr. B R Ambedkar National Institute of Technology N.I.T. Post Office Jalandhar - 144011</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Arvind Chaudhary)
Scientist D
tare.serbIndia@gmail.com



Department of Physical Sciences

GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
SR/WOS-A/PM-46/2018 (G)
(WISE KIRAN)

Technology Bhawan, New Delhi
Dated: 17/10/2022

Sanction Order

Subject: Financial support for the project entitled "Study of interface magnetic interactions in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{A}_2\text{LnRuO}_6$ heterostructures for spintronics applications" of Dr. Rabia Pandit, I K GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA, KAPURTHALA, PUNJAB, 144003. Release of the 2nd installment regarding.

In continuation of the sanction order dated 04/02/2021, sanction of the President is hereby accorded to the release of Rs.990000/- (Rupees Nine Lakh Ninty Thousand only) to the "Director/Registrar/Principal/Controller/Comptroller, I K GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR" being the 2nd installment of grant under "General Component" for the above-mentioned project.

- The sanction of the President is also accorded to carry forward the unspent balance of Rs.0/- (Rupees only) from FY 2021-2022 to FY 2022-2023 in recurring head.
- The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2022-23:

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)

- The amount of Rs. 990000/- (Rupees Nine Lakh Ninty Thousand only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body 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

- The amount of Rs.990000/- (Rupees Nine Lakh Ninty Thousand only) will be drawn by the "CNA account of Autonomous body TDB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, I K GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR".

Head of Department
Department of Physics
I.K.Gujral Punjab Technical University Jalandhar,
Kapurthala, Punjab-144603

The bank details for electronic transfer of funds through RTGS are given below: -

Name of A/C Holder	The Registrar, I.K.G. Punjab Technical University, Jalandhar-144603, Punjab
Bank A/C No	60425735312
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0001493

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 86, in the register of grants maintained in the **WISE KIRAN** for the scheme **Women Scientists Scheme A**.

7. This issues with the concurrence of IFD Vide their Concurring Dy. No **IFD/C/I/131022/31/01278 dated 13/10/2022**.

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

Dr. Vandana Singh
(Scientist - 'F')
vandana.singh@nic.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)
Dr. Rabia Pandit, DST-Woman Scientist, Department of Physical Sciences, I K GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, Kapurthala, Punjab - 144003
5. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), I K GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, Kapurthala, Punjab - 144003
6. Secretary, TDB, New Delhi (for allocation of limits to implementing agency)
7. Head (WISE KIRAN) DST
8. Sanction Folder (WISE KIRAN)

Dr. Vandana Singh
(Scientist - 'F')
vandana.singh@nic.in

Head of Department
Department of Physics
I.K.Gujral Punjab Technical University Jalandhar,
Kapurthala, Punjab-144603



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
SR/WOS-A/PM-46/2018 (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. 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.
3. 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.
4. 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.
5. 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.
6. 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"
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
8. 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.

Head of Department
Department of Physics
I.K.Gujral Punjab Technical University Jalandhar,
Kapurthala, Punjab-144603

9. 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.

10. 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.
11. 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.
12. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
13. 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.
14. 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.
15. 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.
16. The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.



Head of Department
Department of Physics
I.K.Gujral Punjab Technical University Jalandhar,
Kapurthala, Punjab-144603

TARI/2021/000274

The updated RTGS details of the **Punjab Technical University , Jalandhar, Jalandhar, Punjab-144011** is as below:

PFMS Unique Code	PTUJAL
Account Name	PTU-GRANT-IN-AID
Account Number	00461450000276
Bank Name & Branch	HDFC BANK LTD G.T. ROAD JALANDHAR PLOT NO 911, G.T. ROAD JALANDHAR
IFSC/RTGS Code	HDFC0000046
Email id of A/C Holder	registrar@ptu.ac.in

T. T. J.
डॉ. टी. थंगाराजू
वैज्ञानिक 'एफ'


(Anil Gupta)




Head
Department of Electronics & Communication Engineering
IK Gujral Punjab Technical University
Main Campus, Kapurthala (Punjab)-141001

Dated: 10-Feb-2022

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Dr. Amit Gupta, Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011- under the mentorship of Dr Surinder Singh, at Sant Longowal Institute of Engineering and Technology (SLIET) Longowal Distt. Sangrur - 148106- 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

Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011 (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

Sant Longowal Institute of Engineering and Technology (SLIET) Longowal Distt. Sangrur - 148106 (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 Punjab Technical University, Jalandhar, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Sant Longowal Institute of Engineering and Technology (SLIET) Longowal Distt. Sangrur - 148106 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). (Electrical Electronics & Computer Engineering)

4. The Sanction has been issued with the approval of the competent authority vide Diary No. SERB/F/8247/2021-2022 dated 10 February, 2022

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (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.

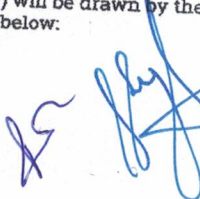
7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

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:

Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011 (Parent):

PFMS Unique Code	PTUJAL
Account Name	PTU-GRANT-IN-AID
Account Number	00461450000276
Bank Name & Branch	HDFC BANK LTD G.T. ROAD JALANDHAR PLOT NO 911, G.T. ROAD JALANDHAR
IFSC/RTGS Code	HDFC0000046
Email address of PI	amitguptaptu@gmail.com
Email id of A/C Holder	registrar@ptu.ac.in
Email address of concerned officer	ms_tare@serbonline.in

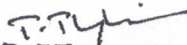
The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:


Head
Department of Electronics & Communication Engineering
Punjab Technical University
Main Campus, Kapurthala (Punjab)-144603

Sant Longowal Institute of Engineering and Technology (SLIET) Longowal Distt. Sangrur - 148106 (Host) :

PFMS Unique Code	SLIET
Account Name	DIRECTOR SLIET LONGOWAL
Account Number	1688335346
Bank Name & Branch	CENTRAL BANK OF INDIA SLIET CAMPUS, CENTRAL BANK OF INDIA, SLIET CAMPUS, LONGOWAL, SANGRUR, PUNJAB INDIA
IFSC/RTGS Code	CBIN0283105
Email address of PI	amitguptaptu@gmail.com
Email id of A/C Holder	surinder_sodhi@sliet.ac.in
Email id of Mentor	Dr Surinder Singh

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/2021/000274 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.	<p>(i) Dr. Amit Gupta Electronics and Communication Engineering Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011 Email: amitguptaptu@gmail.com Mobile: 919872223212</p> <p>(ii) Dr Surinder Singh Sant Longowal Institute of Engineering and Technology (SLIET) Longowal Distt. Sangrur - 148106</p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>(i) REGISTRAR, Punjab Technical University, Jalandhar</p> <p>(ii) Director Sant Longowal Institute of Engineering and Technology (SLIET) Longowal Distt. Sangrur - 148106</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Amit Gupta)




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

Head
Department of Electronics & Communication Engineering
IK Gujral Punjab Technical University
Main Campus, Kapurthala (Punjab)-144001

Dated: 11-Dec-2020

ORDER

Subject: Financial Sanction of the research project titled "Mathematical Modeling of the atmospheric air pollution over severely polluted coal mines region in India using time series, wavelet analysis, and soft computing techniques" under the guidance of Dr. Kulwinder Singh, Department of Mathematics, IKG Punjab Technical University, Hoshiarpur Campus, Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned fellowship at a total cost of Rs. 6,60,000/- (Rs. Rupees Six Lakh Sixty Thousand only Only) for a duration of 36 months.

The items of expenditure for which the total allocation of Rs. 6,60,000/- has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum (for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		6,60,000

2. Sanction of the SERB is also accorded to the payment of Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only) to Punjab Technical University, Jalandhar being the first installment of the grant for the year 2020-2021 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 MATRICS - MATRICS Expert Committee

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/5438/2020-2021 dated 10 December, 2020

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

6. Purpose for which grants can be used are detailed at website (www.serb.gov.in/matrix.php).

7. Total expenditure for International travel cannot exceed Rs.2,00,000 of the overall budget.

8. 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.

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 release amount of Rs. 2,20,000/- (Rupees Two Lakh Twenty 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	PTUJAL
Account Name	PTU-GRANT-IN-AID
Account Number	00461450000276
Bank Name & Branch	HDFC BANK LTD HDFC BANK LTD, PLOT NO 911, G.T. ROAD JALANDHAR
IFSC/RTGS Code	HDFC0000046
Email address of PI	kulmaths@gmail.com
Email id of A/C Holder	registrar@ptu.ac.in
Email address of concerned officer	ms_ms@serbonline.in

(Signature)
Academic Coordinator
IKGPTU Hoshiarpur Campus

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 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.

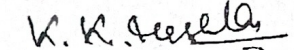
13. The File no. MTR/2020/000479 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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

15. 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.

16. 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.

17. 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. Magesh K K)

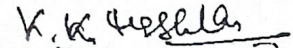
Scientist D

ms_ms@serbonline.in

To,
Under Secretary
SERB, New Delhi

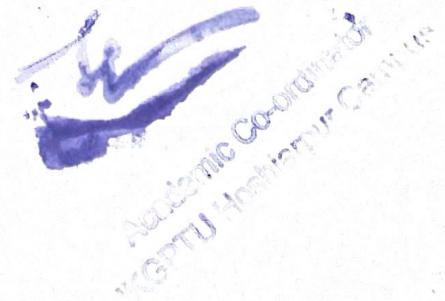
Copy forwarded for information and necessary action to: -

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.	Dr. Kulwinder Singh Department of Mathematics, IKG Punjab Technical University, Hoshiarpur Campus Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011 Email: kulmaths@gmail.com Mobile: 919876509195 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Punjab Technical University, Jalandhar (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Magesh K K)

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Academic Co-ordinator
IKGPTU Hoshiarpur Campus