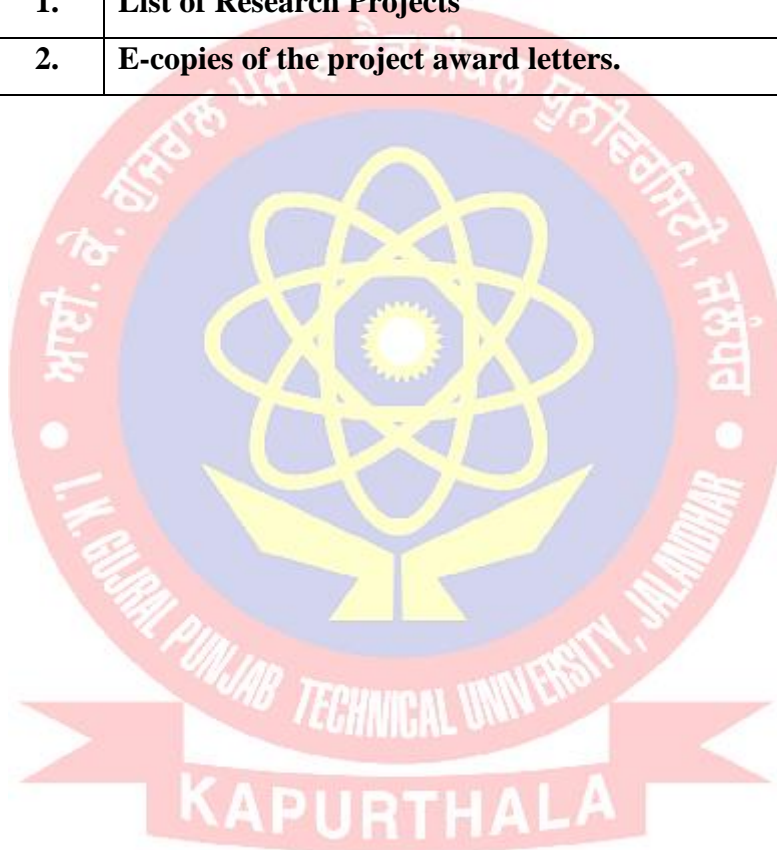


Department: Physical Sciences

3.2.2

Grants for Research Projects: Sponsored by Government Agencies

Sl. No.	Documents Attached
1.	List of Research Projects
2.	E-copies of the project award letters.



3.2.2

Grants for Research Projects: Sponsored by Government Agencies

List of Research Projects



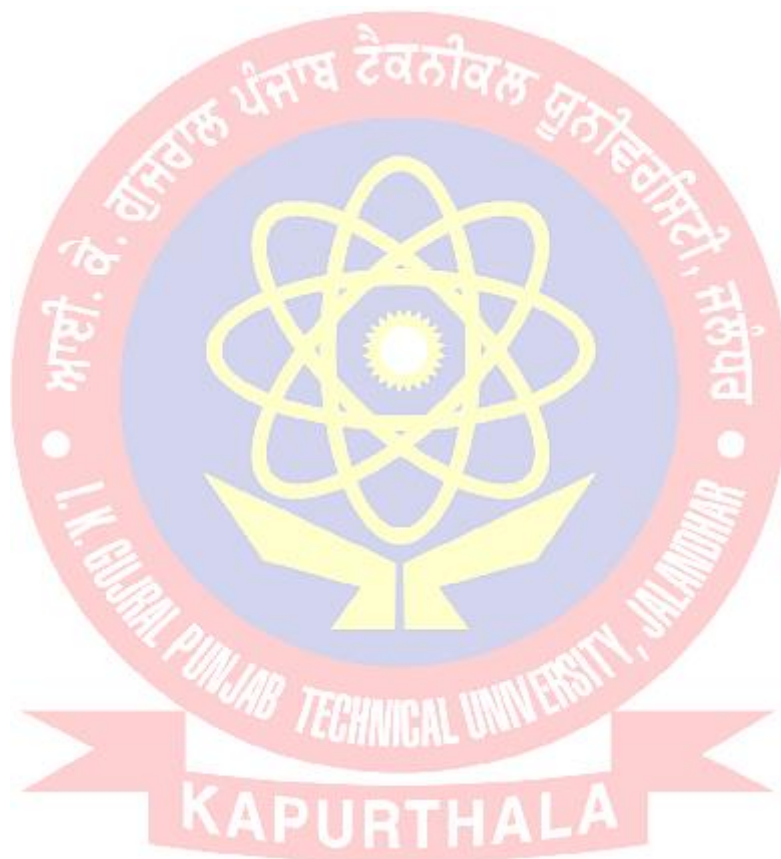
List of teachers who have received Research Grant

Department	Project Title	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Year of Award	Funds provided (INR in lakhs)	Duration of the project
Physical Sciences	To investigate the effect of deformation on nuclear dissipation	Dr. Maninder Kaur	Inter University Accelerator Center, New Delhi	Government	2016	6.75	3 Years
Physical Sciences	Investigation of fusion enhancement for neutron-rich symmetric systems near and below the fusion barrier	Dr. Varinderjit Singh	Inter University Accelerator Center, New Delhi	Government	2017	6.75	3 Years
Physical Sciences	Diffraction vector meson production at HERA using a AdS/QCD holographic approach	Dr. Neetika	Sciences and Engineering Research Board (SERB), New Delhi	Government	2018	18.91	3 Years
Physical Sciences	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	Dr. Rabia Pandit/Dr.Hitesh Sharma	Sciences and Engineering Research Board (SERB), New Delhi	Government	2020	34.72	3 Years

3.2.2

Grants for Research Projects: Sponsored by Government Agencies

E-copies of the project award letters.





अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Ref: IUAC/XIII.7/UFR-59306/

26/10/2016

The Registrar
I.K.G Punjab Technical University
Jalandhar Kapurthala Highway
Near Pushpa Gujral Science City
Kapurthala-144 603

Sub: Transfer of project to "I.K.G. Punjab Technical University" from "Sri Guru Teg Bahadur Khalsa College" in the name of Dr. Maninder Kaur, Assistant Professor, Department of Physical Sciences, I.K.G Punjab Technical University, Kapurthala project no 59306".

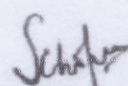
Sir,

With reference to your request letter No. IKGPTU/Reg./3348 dated 18/10/2016, I wish to inform you that project sanctioned in the name of Dr. Maninder Kaur, Assistant Professor, Department of Physical Sciences, I.K.G Punjab Technical University, Kapurthala of Project entitled "To investigate the effect of deformation on nuclear dissipation", IUAC project No. 59306, has been transferred to I.K.G. Punjab Technical University" from "Sri Guru Teg Bahadur Khalsa College with immediate effect.

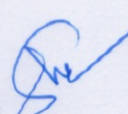
Other terms and conditions will remain same as per our letter No. IUAC/XIII.7/UFR-59306 dated 16/02/2016. You are requested to kindly acknowledge the same.

Thanking you,

Yours sincerely,


(Dr. S. Chopra)
Convenor AUC

CC: Dr. Maninder Kaur
Assistant Professor,
Department of Physical Sciences
I.K.G Punjab Technical University
Jalandhar Kapurthala Highway
Near Pushpa Gujral Science City
Kapurthala-144 603


HOD
Department of Physical Sci.
I.K. Gujral Punjab Techn.
Kapurthala



अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
 (Formerly Nuclear Science Centre)
 (विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
 (An Autonomous Centre of UGC)

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Dr. Sundeep Chopra
Convenor - AUC

Ref: IUAC/XIII.3A/

Dr. Maninder Kaur
 Assistant Professor
 (Co-Investigator Dr. Varinderjit Singh,
 Research Associate, Indiana University,
 Bloomington, In, USA)
 Department of Physics, SGTB, Khalsa
 College, Anandpur Sahib, Ropar,
 Punjab. Pin Code- 140118

Subject: Your Application for Beam Time Allotment

Dear Dr. Kaur,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on December 16-19, 2015. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

BTR No. & Activity	PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
59306 NP	Dr. Maninder Kaur Assistant Professor (Co-Investigator Dr. Varinderjit Singh, Research Associate, Indiana University, Bloomington, In, USA) Department of Physics, SGTB, Khalsa College, Anandpur Sahib, Ropar, Punjab. Pin Code- 140118	To investigate the effect of deformation on nuclear dissipation.	18	Funds sanctioned

The contingency amount will be sent to you soon. Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned since as per the directives of AUC, a nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC representative.

You are requested to kindly submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,

[Signature]
 Head
 Department of Physical Sciences
 I.K. Gujral Punjab Technical University
 Main Campus

[Signature]
 (Sundeep Chopra)
 E-mail: choprasundeep@gmail.com

पोस्ट बॉक्स: 10502 अरुणा आसफ अली मार्ग,
 Post Box No. 10502, Aruna Asaf Ali Marg,
 नई दिल्ली - 110 067 (भारत)
 New Delhi- 110 067 (India)

दूरभाष : /Telephone : 011-26893955
 011-26892601
 तार : /Telegram : NURCEN
 फैक्स : /Fax : 011-26893666
 वेबसाइट : /Website : www.iuac.res.in



अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

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Dr. Sundeep Chopra
Convenor - AUC

Ref: IUAC/XIII.3A/

August 11, 2017

Dr. Varinderjit Singh
Assistant Professor,
Department of Physical Sciences, IKG
Punjab Technical University,
Kapurthala, Punjab, Pin Code: 144603

Subject: Your Application for Beam Time Allotment

Dear Dr. Singh,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on July 05-07, 2017. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

BTR No. & Activity	PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
62319 NP	Dr. Varinderjit Singh Assistant Professor, Department of Physical Sciences, IKG Punjab Technical University, Kapurthala, Punjab, Pin Code: 144603	Investigation of fusion enhancement for neutron-rich symmetric and asymmetric systems near and below the fusion barrier.	18	UFR Funds sanctioned with standard funding

The contingency amount will be sent to you soon. Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned since as per the directives of AUC, a nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC representative.

You are requested to kindly submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,

(Sundeep Chopra)

E-mail: choprasundeep@gmail.com

Head
Department of Physical Sciences
I.K. Gujral Punjab Technical University
Main Campus

पोस्ट बाक्स: 10502 अरुणा आसफ अली मार्ग,
Post Box No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष : /Telephone : 011-2689395
011-2689260
तार : /Telegram : NURCEI
फैक्स : /Fax : 011-2689366
वेबसाइट : /Website : www.iuac.res.in

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FILE NO. ECR/2017/001905
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 20-Sep-2018

ORDER

Subject: Financial Sanction of the research project titled "**Diffraction vector meson production at HERA using a holographic AdS/QCD approach**" under the guidance of Dr. Neetika, Department of Physical Sciences, I.K. Gujral Punjab Technical University Kapurthala, I.K. gujral punjab technical university, near pushpa gujral science city, ibban, kapurthala-144603, distt. kapurthala, india, Kapurthala, Punjab-144603 - 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. 1891560/- (Rs. Eighteen Lakh Ninety One Thousand Five Hundred and Sixty Only) with break-up of Rs. 300000/- under Capital (Non-recurring) head and Rs.1591560/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 1891560/- has been approved are given below:

The following budget may be considered for I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Workstation	300000
A'	Total (Non-Recurring)	300000
B	Recurring Items	
1	Recurring - I : (Manpower)	1029600
	Recurring - II : (Consumables, Travel, Contingencies)	390000
2	Recurring - III : (Overhead Charges)	171960
B'	Total (Recurring)	1591560
C	Total cost of the project (A' + B')	1891560

2. Sanction of the SERB is also accorded to the payment of Rs. 300000/- (Rupees Three Lakh only) under 'Grants for creation of capital assets' and Rs. 530520/- (Rupees Five Lakh Thirty Thousand Five Hundred and Twenty only) under 'Grants-in-aid General' to Deputy Controller Finance and Accounts, I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Early Career Research Award. (EC Physical & Mathematical Sciences)

4. The Sanction has been issued to I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India with the approval of the competent authority under delegated powers on 17 September, 2018 and vide Diary No. SERB/F/7129/2018-2019 dated 18 September, 2018

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

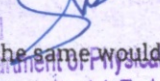
6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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

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

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

10. The release amount of Rs. 830520/- (Rupees Eight Lakh Thirty Thousand Five Hundred and Twenty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their


Head
Department of Physical Sciences
I.K. Gujral Punjab Technical University
Kapurthala

Bank details given below:

Account Name	PTU-GRANT-IN-AID
Account Number	00461450000276
Bank Name & Branch	HDFC BANK HDFC BANK LTD. PLOT No. 911, G T ROAD, NEAR NARINDER CINEMA, JALANDHAR
IFSC/RTGS Code	HDFC0000046
Email id of A/C Holder	nitya@ptu.ac.in
Email id of PI	neetikaphy@gmail.com

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/2017/001905 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

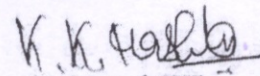
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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

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

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

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


(Dr. Magesh K K)


Scientist

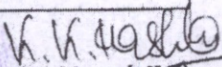
ms_pm@serbonline.in

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. Neetika Department of Physical Sciences I.K. Gujral Punjab Technical University Kapurthala, I.K. gujral punjab technical university, near pushpa gujral science city, ibban, kapurthala-144603, distt. kapurthala, india, Kapurthala, Punjab-144603 Email: neetikaphy@gmail.com Mobile: 917837667980 (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.	Deputy Controller Finance and Accounts, I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India (Receipt of Grant may be intimated by name to the undersigned)


Head
Department of Physical Sciences
I.K. Gujral Punjab Technical University
Main Campus


(Dr. Magesh K K)
Scientist

ms_pm@serbonline.in

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FILE NO. ECR/2017/001905
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 06-Jan-2020

ORDER

Subject: Research project entitled "Diffractive vector meson production at HERA using a holographic AdS/QCD approach" under the guidance of Dr. Neetika, Department of Physical Sciences, I.K. Gujral Punjab Technical University Kapurthala, I.K. gujral punjab technical university, near pushpa gujral science city, ibban, kapurthala-144603, distt. kapurthala, india, Kapurthala, Punjab-144603.

1. This is in continuation of SERB's sanction order No. "ECR/2017/001905" dated "20 September, 2018" of Science and Engineering Research Board (SERB).
2. Sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 130000/- (Rupees One Lakh Thirty Thousand only) under 'Grants-in-aid General' to Deputy Controller Finance and Accounts, I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India being the 2nd grant for the financial year 2019-2020 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 700702/- (Rupees Seven Lakh Seven Hundred and Two only) (Recurring Rs. 400702 and Non-Recurring Rs. 300000) to I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India from FY 2018-2019 to FY 2019-2020 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debit to Fund for Science & Engineering Research (FSER). This release is being made under Early Career Research Award. (EC Physical & Mathematical Sciences) (GEN).
7. The Sanction has been issued to I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India with the approval of the competent authority under delegated powers on 31 December, 2019 and vide Diary No. SERB/F/8442/2019-2020 dated 02 January, 2020
8. The release amount of Rs. 130000/- (Rupees One Lakh Thirty Thousand only) (Recurring Rs. 130000 and Non-Recurring Rs. 0) 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	NA
Account Name	PTU-GRANT-IN-AID
Account Number	00461450000276
Bank Name & Branch	HDFC BANK HDFC BANK LTD. PLOT No. 911, G T ROAD, NEAR NARINDER CINEMA, JALANDHAR
IFSC/RTGS Code	HDFC0000046
Email id of A/C Holder	nitya@ptu.ac.in
Email id of PI	neetikaphy@gmail.com

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

Department of Physical Sciences
I.K. Gujral Punjab Technical University
Main Campus

earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

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

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. 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.

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 the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

K. K. Magesh K K

(Dr. Magesh K K)

Scientist

ms_pm@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. Neetika Department of Physical Sciences I.K. Gujral Punjab Technical University Kapurthala, I.K. gujral punjab technical university, near pushpa gujral science city, ibban, kapurthala-144603, distt. kapurthala, india, Kapurthala, Punjab-144603 Email: neetikaphy@gmail.com Mobile: 917837667980
5.	Deputy Controller Finance and Accounts, I.K. Gujral Punjab Technical University Kapurthala, I.K. Gujral Punjab Technical University, Near Pushpa Gujral Science City, Ibban, Kapurthala-144603, Distt. Kapurthala, India

[Signature]
Head
Department of Physical Sciences
I.K. Gujral Punjab Technical University
Main Campus

K. K. Magesh K K

(Dr. Magesh K K)

Scientist

ms_pm@serbonline.in

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No.SR/WOS-A/PM-46/2018 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated 04.02.2021

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "*Study of interface magnetic interactions in La_{0.7}Sr_{0.3}MnO₃/ A₂LnRuO₆ heterostructures for spintronics applications*".

PI: Dr. Rabia Pandit, Department of Physical Science, I.K.G. Punjab Technical University, Jalandhar-144603, Punjab.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs 34,71,717/- (Rupees Thirty Four Lakh Seventy One Thousand Seven Hundred Seventeen only) for a duration of 3 years. The detailed breakup of the grant for General (Rs. 29,71,917/-) as well as Capital (Rs 4,99,800/-) Components are given below:

Sl. No.	Heads	1 st Year	2 nd Year	3 rd Year	Total
A.	Non-Recurring (Capital Items)				
	Equipments: High Temperature Furnace	4,99,800/-	-----	-----	4,99,800/-
B.	Recurring(General)				
	Fellowship for Ph.D @ Rs. 55,000/pm+HRA@16%	7,65,600/-	7,65,600/-	7,65,600/-	22,96,800/-
	Consumables	90,000/-	89,000/-	88,953/-	2,67,953/-
	Contingencies	25,000/-	25,000/-	25,000/-	75,000/-
	*Travel	25,000/-	25,000/-	25,000/-	75,000/-
		85,722/-	85,722/-	85,720/-	2,57,164/-
C.	Overhead@8%				
D.	Total of Recurring Grant (B+C)	9,91,322/-	9,90,322/-	9,90,273/-	29,71,917/-
E.	GRAND TOTAL (A+D)	14,91,122/-	9,90,322/-	9,90,273/-	34,71,717/-

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in
3. The sanction of the President is also accorded to the release of Rs 9,66,322/- (Rupees Nine Lakh Sixty Six Thousand Three Hundred Twenty Two only) ***(excluding travel)** under "General Component" Registrar, Punjab Technical University, Jalandhar-144603, Punjab being the first installment of the grant for the year 2020-2021 for implementation of the above mentioned project.

4. This sanction is subject to the condition that 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 at the end of each financial year duly reflecting the interest earned / accrued on the grants 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.

5. 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 instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

Department of Physical Sciences Contd. /2
I.K.G. Punjab Technical University
Main Campus

6. 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.

7. The grant-in-aid being released is subject to the condition that.

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the 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 to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) 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 2020-2021 and onwards interest 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. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.

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.

10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

11. 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.

12. 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 publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. 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.

14. The expenditure involved is debitable to Demand No.87, Department of Science & Technology for the year 2020-21:

3425 Other Scientific Research (Major Head)

60 Others (Sub-Major Head)

60.200 Assistance to other Scientific Bodies (Minor Head)

68 Science and Technology Institutional and Human Capacity Building (Sub Head)

01 Disha Programme for Women in Science

68.01.31 Grants-in-aid General for the year 2020-2021(Voted)

(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

15. The amount of **Rs 9,66,322/- (Rupees Nine Lakh Sixty Six Thousand Three Hundred Twenty Two only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed The Registrar, Punjab Technical University, Jalandhar-144603, Punjab. The bank details for electronic transfer of funds through RTGS are given below:-

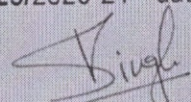
Institute name	: Punjab Technical University, Jalandhar
Bank Name	: HDFC Bank Ltd.
Account Number	: 00461450000276
Branch	: Kapurthala, IBBAN
IFSC code	: HDFC0000046

Signature

Head
Department of Physical Sciences
M.K. Guiral Punjab Technical University
Main Campus

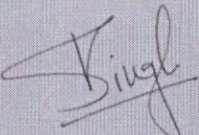
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16. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM and PI will also follow DoE's guidelines for incurring expenditure under the different sub-head.
17. The project continuation beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the Scheme under which these projects are funded as approved by DoE vide their OM No.42(02)/PF-II/2014, dated 06.08.2020.
19. The Grantee Institution is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee institution.
20. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 898 in the register of grants maintained in the **KIRAN Division** for scheme (WOS-A).
21. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/4525/2020-21 dated 08.01.2021.


(Vandana Singh)
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section
3. The Registrar, Punjab Technical University, Jalandhar-144603, Punjab.
4. Dr. Hitesh Sharma, Department of Physical Science, I.K.G. Punjab Technical University, Jalandhar-144603, Punjab.
5. Dr. Rabia Pandit, Department of Physical Science, I.K.G. Punjab Technical University, Jalandhar-144603, Punjab.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.


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No. SR/WOS-A/PM-46/2018 (C)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated 04.02.2021

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) 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**

PI: Dr. Rabia Pandit, Department of Physical Science, I.K.G. Punjab Technical University, Jalandhar-144603, Punjab.

In continuation of the Sanction Order No. **SR/WOS-A/PM-46/2018(G)** dated 04.02.2021 Sanction of the President is hereby accorded to the payment of **Rs 4,99,800/-** (Rupees Four Lakh Ninety Nine Thousand Eight Hundred only) as the Grant for "creation of capital assets" in the above mentioned project. The details of the equipments to be procured are given below:

Sl. No.	Heads	1 st Year	2 nd Year	3 rd Year	Total
A.	Non-Recurring (Capital Items)				
	Equipments:	4,99,800/-	-----	-----	4,99,800/-
	High Temperature Furnace				
	TOTAL	4,99,800/-	-----	-----	4,99,800/-

2. 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. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organization, which will be adjusted towards future release of grant.


3. This sanction is subject to the condition that 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 at the end of each financial year duly reflecting the interest earned / accrued on the grants 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.

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 instalment 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 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.

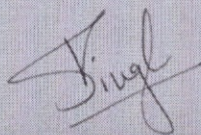
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7. The grant-in-aid being released is subject to the condition that.
- (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the 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 to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said document.
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.
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10. 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.
11. The expenditure involved is debit to Demand No.87, Department of Science & Technology for the year 2020-21:
- 3425 Other Scientific Research (Major Head)
- 60 Others (Sub-Major Head)
- 60.200 Assistance to other Scientific Bodies (Minor Head)**
- 68 Science and Technology Institutional and Human Capacity Building (Sub Head)
- 01 Disha Programme for Women in Science
- 68.01.35 Grant for creation of capital assets for the year 2020-2021 **(Voted)**
- (Previous: Disha Programme for Women in Science 3425.60.200.55.01.35)**
12. The amount of **Rs 4,99,800/- (Rupees Four Lakh Ninety Nine Thousand Eight Hundred only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed **Registrar, Punjab Technical University, Jalandhar-144603, Punjab.** The bank details for electronic transfer of funds through RTGS are given below:-

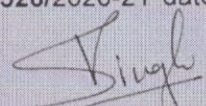
Institute name	: Punjab Technical University, Jalandhar
Bank Name	: HDFC Bank Ltd.
Account Number	: 00461450000276
Branch	: Kapurthala, IBBAN
IFSC code	: HDFC0000046

13. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM and PI will also follow DoE's guidelines for incurring expenditure under the different sub-head.
14. The project continuation beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the Scheme under which these projects are funded as approved by DoE vide their OM No.42(02)/PF-II/2014, dated 06.08.2020.
15. The Grantee Institution is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee institution.

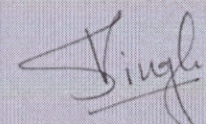


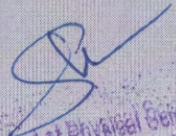
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16. Capital grant should be utilized within two financial years from the date of project sanction.
17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 898 in the register of grants maintained in the **KIRAN Division** for scheme (WOS-A).
18. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/4526/2020-21 dated 08.01.2021.


(Vandana Singh)
Scientist-E

- Copy for information and necessary action to:- , IP
1. The Director of Audit (CW & M-II), AGCR Building Estate, New Delhi-110 002.
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