

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State Univ. Estd. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Bathinda-151001 (Punjab), India

REPORT

2017-21

FUNDED RESEARCH PROJECTS



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda-151001 (Punjab), India

FUNDED RESEARCH PROJECTS



2017-21

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

FUNDED RESEARCH PROJECTS [2017-21]

Prepared by:

- Prof. (Dr.) Ashish Baldi, Dean R&D
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- Dr. Kewal Kumar, Department of Chemistry, MRSPTU, Bathinda
- Mr. Amandeep Singh, Department of Food Science & Technology, MRSPTU, Bathinda
- Ms. Reetu, Department of Food Science & Technology, MRSPTU, Bathinda
- Mr. Amit Kumar Tiwari, Department of Food Science & Technology, MRSPTU, Bathinda

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Year 2021

INTERNAL QUALITY ASSURANCE CELL

FUNDED RESEARCH PROJECTS
2017-21

List of Funded Projects

Sr. No.	Name of the Scheme/Project/Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1	Penetration enhancement study of some novel chemical permeation enhancers	Dr. Uttam Kumar Mandal	Croda India Company Pvt. Ltd., Mumbai	Industry	DoPST, MRSPTU	2020	3	8 months
2	A novel foam based formulation with silver nitrate, chlorhexidine and asiaticoside for effective burn related wound healing	Dr. Uttam Kumar Mandal	ICMR	Government	DoPST, MRSPTU	2020	50	3 years
3	Therapeutic Potential of Dual Phosphodiesterase Inhibition in Experimental Alzheimer's Disease: Possible Role Of EPAC Signaling in Cognitive Processing	Dr. Rahul Deshmukh	ICMR	Government	DoPST, MRSPTU	2020	47	3 years
4	Development of an Interactive Mobile app Q-CHECK and parameter profiling for quality certification of the herbs from North India.	Dr. Ashish Baldi	National Medicinal Plants Board, Ministry of AYUSH, New Delhi	Government	DoPST, MRSPTU	2020	22.76	1 year
5	Methodology to estimate aerosol density of Particulates via simultaneous measurement of number and mass concentration	Dr. Veena Sharma/Dr. Sandeep Kansal/ Dr. Gagan Gupta	BRNS-DAE, Mumbai (Govt. of India)	Government	BRNS-DAE, Mumbai (Govt. of India)	2020	41.51	3 years
6	Pharmaceutical and Personal Care Products (PPCPs) in Sewage Water of District Bathinda, its Transport in environmental compartment and Adsorptive Removal Using Metal Organic framework (MOF)	Dr. Meenu	DST	Government	Chemistry	2020	50 lakh	3 years
7	Fabrication of next-generation personalized oral medications for the treatment of pediatric tuberculosis with innovative 3-D printing technology	Dr. Uttam Kumar Mandal	SERB-DST	Government	DoPST, MRSPTU	2020	23	2 years
8	Intensifying Solubility and Bioavailability of Arteether through Molecular Encapsulation based Oral Drug Delivery System	Dr. Ashish Baldi	ICMR	Government	DoPST, MRSPTU	2019	12.6	3 years

9	MoFPI	Dr. Kawaljit Singh Sandhu	MoFPI, New Delhi	Government	FST	2019	293.24	Open ended
10	PSCST	Dr. Kawaljit Singh Sandhu	PSCST	Government	FST	2019	1.8	6Months
11	Identification of screening barriers for assessment of breast cancer in Malwa region of Punjab	Dr. Pritpal Singh Bhullar	Indian Council of Social Science Research ICSSR, Govt. of India	Government	University Business School	2019	10.5 lacs	2 years
12	Agro-Climatic, Economic and Good Agricultural Practices Adoption Feasibility Studies On Selected Medicinal Plants Of Punjab	Dr. Ashish Baldi	FITM	Government	DoPST, MRSPTU	2019	10	2 years
13	Development of Interactive device for quality evaluation of selected Indian spices using computational techniques	Dr. Ashish Baldi	DST	Government	DoPST, MRSPTU	2019	32.67	3 years
14	Identification of Screening Barriers for Assessment of Breast Cancer in Malwa Region of Punjab	Dr. Ashish Baldi	ICSSR	Government	DoPST, MRSPTU	2019	10.5	2 years
15	To explore the neuroprotective mechanism of BCG vaccine against animal models of Parkinson's disease, Huntington disease and Tardive dyskinesia	Dr. Puneet Kumar	SERB-DST	Government	DoPST, MRSPTU	2018	33	3 years
16	DST (SYST Scheme)	Dr. Sukhvinder Singh/ Dr. Kawaljit Singh Sandhu	DST, New Delhi	Government	FST	2018	35.94	3 Years
17	DST (SYST Scheme)	Ms. Shamandeep Kaur/ Dr. Kawaljit Singh Sandhu	DST, New Delhi	Government	FST	2018	28.84	3 Years
18	Formulation, characterization and invivo efficacy of silver-lipid nanoparticles loaded with capsaicin and calcipotriene for the treatment of Psoriasis.	Dr. Uttam Kumar Mandal	Research Development Unit (RDU) of University Malaysia Pahang (UMP), Malaysia.	Non-Government	DoPST, MRSPTU	2018	6	2 years
19	Measurement of Radon, Thoron and their Progeny Distribution in the Different Type of Houses and Natural radioactivity in soil in Hanumangarh, Churu and Sri Ganganagar District of Rajasthan	Dr. Sandeep Kansal	BRNS-DAE, Mumbai (Govt. of India)	Government	BRNS-DAE, Mumbai (Govt. of India)	2016	36.24	3 years

20	Studies on effect of Sn as dopant in FeMnGe and CoMnGe based magnetocaloric materials	Dr. Satnam Singh	SERB, DST	Government	SERB, DST	2016	12.54	3 years
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**Funded Research Projects
2016**



Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Debanik Roy
Programme Officer (NRFCC)

BRNS Secretariat, 1st Floor,
CC, BARC, Trombay,
Mumbai-400085 Phone:
+91-2225593946
Fax: 2225593946
Email: deroy@barc.gov.in

No: 36(4)/14/29/2016-BRNS/36032

Date: 20/07/2016

OFFICE MEMORANDUM

Sub: **R/P entitled "Measurement of Radon, Thoron and their Progeny Distribution in the Different Type of Houses and Natural radioactivity in soil in Hanumangarh, Churu and Sri Ganganagar District of Rajasthan" under Dr. Sandeep Kansal, Giani Zail Singh Punjab Technical University Campus, Bhatinda-151001 (Punjab) bearing sanction No.36(4)/14/29/2016-BRNS with NRFCC, BRNS.**

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for **2 years** beginning from financial year **2016-2017** with a total grant of **Rs. 36,24,750/- (Rupees thirty six lakh twenty four thousand seven hundred fifty only)** for the project as under :

Item of expenditure	Year 1 (2016-2017)	Year 2 (2017-2018)
Equipments	1200000	0
Staff Salary - JRF (1)	300000	300000
Technical Assistance	144000	144000
Consumables	440000	185000
Travel - PI*	176000	176000
Contingencies	50000	50000
Overheads	169500	60375
Total(INR)	2479500	915375

Note: * Gamma Survey Meter, GPS, SRM and Accessories, Pinhole cup dosimeter, DRPS & DTPS, Etching Bath & Spark Counter, Digital camera.

JRF salary calculated @25,000/- p.m. for first two years and on redesignation by committee on in third year as SRF @ 28,000/- p.m. RA salary calculated @ 36,000/- p.m.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (**Rs. 2,29,875/-**) shall be released only on meeting the requirements specified (See Annex-B).

- I am also pleased to convey the sanction of the President of India to incur an expenditure of **Rs. 24,79,500/-** towards grant for the year 2016-2017 .
- The expenditure involved is debitable to: **04 3401 00 004 27 0231.**
- This issues with the concurrence of Scientific Secretary, BRNS and IFA.

*Note: Rs.1,36,000/- includes under the Head Travel PI towards Field Sampling Charges.

Debanik Roy
Dr. Debanik Roy

Pay & Accounts Officer, DAE, Mumbai - 400 001.

Copy forwarded to:

1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. Registrar, Giani Zail Singh Punjab Technical University Campus, Bhatinda-151001 (Punjab).
4. Principal Investigator(PI): Dr. Sandeep Kansal, Giani Zail Singh Punjab Technical University Campus, Bhatinda-151001 (Punjab).

A. First year grant is being released in full along with this Sanction Letter through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a Money transfer (MT) through ECS and The amount would be credited electronically to A/C No: 3047134495, A/C Name: CAMPUS DIRECTOR GZSCCET, BATHINDA, IFSC: CBIN0283469, GZSCET DABWALI ROAD BATHINDA .

i) Acceptance of this sanction and the MT for the amount sanctioned for the first financial year may please be acknowledged (Form-I).

ii) **THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX (ENCLOSED), WHICH MAY BE GONE THROUGH CAREFULLY.**

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released (unspent balance of previous year and Interest earned will be adjusted) after the PI submits the following documents to the Programme Officer NRFCC:

- a) Claim in Form-II quoting the reference of the sanction issued for the first year.
- b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.
- c) Statement of Accounts (SA) as on 31st March of the preceding financial year should be updated on the website. Interest earned in previous year should be reflected in the Statement of Accounts. A printout of the same should be sent to BRNS after it is duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.
- d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee, should be uploaded in a single pdf file under the file head "Staff Appointment Details". In addition, the details of the appointed staff should also be updated in the available menu.
- e) The inventory of equipment also should be updated in the menu, besides uploading the purchase order of the items costing more than 1 Lakh.
- f) A One Page report on the progress of work during first year.

C. Third and subsequent years (if any) the Sanction Letter and the grant will be released on fulfillment of the following requirements:

i) Renewal/ Extension Application: Principal Investigator (PI) is required to upload by January 15 a pdf copy of duly signed renewal/ extension application in the prescribed form-(PRA) after logging into his/her account at www.daebrns.gov.in. All applications received shall be examined by experts from the field and PIs may be invited to a Technical Programme Discussion Meeting (TPDM). Renewal of the project will be based on the recommendations of the TPDM, Advisory Committee and the Board.

ii) Sanction Letter: If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.

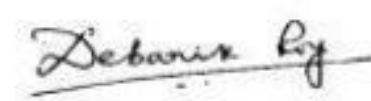
iii) Claim: On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer NRFCC, BRNS Secretariat, First Floor, Central Complex, BARC, Trombay, Mumbai-400 085:

- a) Claim in Form-II quoting reference of the renewal sanction.
- b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant, should be reflected in the Statement of Accounts.
- c) Statement of Accounts (SA) as on 31st March of the preceding financial year including the amount of Interest earned in previous year and duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.
- d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.
- e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:

- a) Claim Form-II if any,
 - b) The final Consolidated Statement of Accounts (SA) and Consolidated Utilization Certificate duly audited by an external Chartered Accountant or the Statutory (Govt.) Auditor. It is mandatory to include the amount of bank interest earned on the grant released into the SA.
 - c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .
- 5. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
 - 6. Member Secretary (NRFCC) : Dr. Vivekanand Kain, vivkain@barc.gov.in; Ph:+91-2225595067
 - 7. Co-Investigator (CI) : Dr ROHIT MEHRA, DEPTT OF PHYSICS DR BRA NIT JALANDHAR, Email : MEHRAR@NITJ.AC.IN, Mobile :9888934590
 - 8. Project Collaborator (PC): Shri S. D. Kanse and Dr.B. K. Sahoo, RP&AD, BARC, Mumbai-400 085

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.


Dr. Debanik Roy

Note:

- 1. Please quote the Sanction Number 36(4)/14/29/2016-BRNS in all your correspondence with BRNS

From: SERB_Administrator@serbonline.in
Sent: Wednesday, April 12, 2017 11:28 AM
To: "info@serbonline.in"@imsva02.cdacnoida.in
Subject: SERB-Notification



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 & ENGINEERING RESEARCH BOARD (SERB)

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

Science and Engineering Research Board
5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

File Number: ECR/2015/000069

Dated: 12-Apr-2017

Subject: Project titled "Studies on effect of Sn as dopant in FeMnGe and CoMnGe based magnetocaloric materials."

Dear Dr. Satnam Singh Bhamra,

This is regarding the SERB project titled "Studies on effect of Sn as dopant in FeMnGe and CoMnGe based magnetocaloric materials." sanctioned vide order no. ECR/2015/000069 dated 25 July, 2016 to be implemented at Baba Farid College, Bathinda, Baba Farid College, Baba Farid Group of Institutions, Bathinda-151002. Punjab (India).

SERB has considered your request and hereby agrees to the transfer of the above project from Baba Farid College, Bathinda, Baba Farid College, Baba Farid Group of Institutions, Bathinda-151002. Punjab (India) to Giani Zail Singh Campus College of Engineering & Technology, Giani Zail Singh Campus, Bathinda along-with all the asset/s procured in the project.

The Baba Farid College, Bathinda, Baba Farid College, Baba Farid Group of Institutions, Bathinda-151002. Punjab (India) is also requested to transfer the unspent balance to Giani Zail Singh Campus College of Engineering & Technology, Giani Zail Singh Campus, Bathinda.

Also, kindly upload/update the audited final statement of expenditure and Utilisation certificate till the date you have implemented the project at Baba Farid College, Bathinda, Baba Farid College, Baba Farid Group of Institutions, Bathinda-151002. Punjab (India).

Yours sincerely,

(Dr. Magesh K K)

Email: ms_pm@serbonline.in

Dr. Satnam Singh Bhamra

Departemnt Of Physics

Baba Farid College, Bathinda , Baba Farid College, Baba Farid Group Of Institutions, Bathinda-151002. Punjab (India), Bathinda, Punjab-151002

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'SAVE PAPER - THINK BEFORE YOU PRINT!'

Please do not reply to this mail

**Funded Research Projects
2018**

FILE NO. EMR/2017/003490
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: 28-Sep-2018

ORDER

Subject: Financial Sanction of the research project titled **"To explore the neuroprotective mechanisms of BCG vaccine against animal models of Parkinson's disease, Huntington's disease and Tardive Dyskinesia "** under the guidance of Dr. PUNEET KUMAR, Pharmacology , Maharaja Ranjit Singh Punjab Technical University , Dabwali road, bathinda, Bathinda, Punjab-151001 and by Prof. Ashish Baldi, Professor, Pharmaceutical Sciences & Technology, MRSPTU, Bathinda, Maharaja Ranjit Singh Punjab Technical University - 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. 3163882/- (Rs. Thirty One Lakh Sixty Three Thousand Eight Hundred and Eighty Two Only)** with break-up of **Rs. 1140882/- under Capital (Non-recurring) head** and **Rs. 2023000/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3163882/-** has been approved are given below:
The following budget may be considered for **Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Digital New Standard Stereotaxic, Rat and Mouse -> ELISA Reader	1140882
A'	Total (Non-Recurring)	1140882
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	936000 800000
2	Recurring - III : (Overhead Charges)	287000
B'	Total (Recurring)	2023000
C	Total cost of the project (A' + B')	3163882

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1140882/-** (Rupees Eleven Lakh Forty Thousand Eight Hundred and Eighty Two only) under 'Grants for creation of capital assets' and **Rs. 673000/-** (Rupees Six Lakh Seventy Three Thousand only) under 'Grants-in-aid General' to **Registrar , Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Health Sciences)

4. The Sanction has been issued to Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda with the approval of the competent authority under delegated powers on **27 September, 2018** and vide Diary No. **SERB/F/7664/2018-2019** dated **28 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. 1813882/-** (Rupees Eighteen Lakh Thirteen Thousand Eight Hundred and Eighty Two 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:

Account Name	REGISTRAR, MRSPTU, BHATINDA (SERB-EMR PROJECT)
Account Number	3701493894

Bank Name & Branch	Central bank of India GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING AND TECHNOLOGY, Dabwali road, BHATINDA
IFSC/RTGS Code	CBIN0283469
Email id of A/C Holder	reg@mrsptu.ac.in
Email id of PI	punnubansal79@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. EMR/2017/003490 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

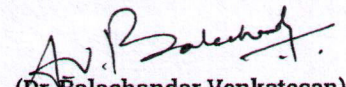
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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.

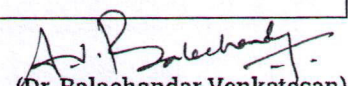
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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


(Dr. Balachandar Venkatesan)
Scientist E
ms_hs@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>Dr. PUNEET KUMAR Pharmacology Maharaja Ranjit Singh Punjab Technical University, Dabwali road, bathinda, Bathinda, Punjab-151001 Email: punnubansal79@gmail.com Mobile: 919876100692</p> <p>Prof. Ashish Baldi Pharmaceutical Sciences & Technology, MRSPTU, Bathinda Maharaja Ranjit Singh Punjab Technical University (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>Registrar, Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Balachandar Venkatesan)
Scientist E
ms_hs@serbonline.in

SP/YO/727/2018(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(SEED Division)

Technology Bhavan,
New Delhi-110016
Dated: 28/09/2018

ORDER

Sub:-Financial assistance for the project titled **“Utilization of kinnow for value added product development for sustainable growth of kinnow growers”** under the guidance of Sh. Sukhvinder Singh, Maharaja Ranjit Singh Punjab Technical University, Bhatinda.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs.26,32,900/- (Rupees Twenty Six Lakh Thirty Two Thousand Nine Hundred only)** for a duration of **three** years. The detailed breakup of the grant for General & Capital Components are given below:-

General Component	Rs.20,32,900/-
Capital Assets	Rs.6,00,000/-
TOTAL	Rs.26,32,900/-

S. No.	Proposed Budget Head	1 st year	2 nd year	3 rd year	Total
Capital Assets					
	Equipment's	6,00,000/-	-----	-----	6,00,000/-
A	TOTAL	6,00,000/-	-----	-----	6,00,000/-
Manpower					
	PI @Rs.30,000/- per month (consolidated)	3,60,000/-	3,60,000/-	3,60,000/-	10,80,000/-
Travel					
	Travel	50,000/-	50,000/-	50,000/-	1,50,000/-
Demo Training					
	Demo Training	50,000/-	50,000/-	1,00,000/-	2,00,000/-
Consumables					
	Chemicals and glasswares	1,00,000/-	1,00,000/-	1,00,000/-	3,00,000/-
Contingency					
	Contingencies @3%	34,800/-	16,800/-	18,300/-	69,900/-
Overheads (10% of Above Costs)					
	Overheads	1,16,000/-	56,000/-	61,000/-	2,33,000/-
B	Total	7,10,800/-	6,32,800/-	6,89,300/-	20,32,900/-
Grand Total (A+B)		13,10,800/-	6,32,800/-	6,89,300/-	26,32,900/-

2. The sanction of the President is also accorded to the release of **Rs.7,10,800/- (Rupees Seven Lakh Ten Thousand Eight Hundred only)** to **Maharaja Ranjit Singh Punjab Technical University, Bhatinda** being the first installment of grant under “General Component” for implementation of the above mentioned project.


28/09/2018



Dr. Rashmi Sharma
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Telephone : 26590541
E-mail: r.sharma72@nic.in
Mobile : 09971538681

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
TECHNOLOGY BHAVAN
NEW MEHRAULI ROAD
NEW DELHI -110 016

Reference No: SP/YO/727/2018

Dated : 19.11.2019

Subject: Project entitled "Utilization of Kinnow for value added product development for sustainable growth of Kinnow growers".

Dear Prof. (Dr.) Hundal,

This refers to the letter MRSPTU/FST/19/937 dated 09th August, 2019 received from the PI of the above project requesting for the revision of the emolument of the Young Scientist as per the revisions made by the SEED division.

2. As you are aware that Department of Science & Technology (DST) has sponsored the above project to Dr. at a total cost of Rs. 26,32,900/- for a duration of three years during the month of September, 2018 with an outlay of Rs. 10,80,000/- under the manpower head for the Young Scientist.

3. In view of the above request made, the Department has considered for the upward revision of the total project cost from **Rs. 26,32,900/-** to **Rs. 35,94,300/-** for providing an additional grant of **Rs. 9,61,400/-** under the manpower head towards the increased emolument of the Young Scientist. Accordingly the revised sanctioned budgetary details is as given under:-

Sl.No	Item	1 st Year	2 nd Year	3 rd Year	Total
1	Manpower (Young Scientist @ Rs. 55000/- p.m + 8% HRA).	615800	712800	712800	2041400
2	Consumables	100000	100000	100000	300000
3	Travel	50000	50000	50000	150000
4	Contingency	34800	16800	18300	69900
5	Demo Training	50000	50000	100000	200000
6	Permanent equipment	600000	0	0	600000
7	Overhead	116000	56000	61000	233000
	Grand Total	1566600	985600	1042100	3594300

4. You are requested to make necessary arrangement to disburse the arrears of the Young Scientist as per the above revised rate from the released fund of first year and the arrears due will be made available in the subsequent releases.

With regards.

Yours Sincerely,

(Rashmi Sharma)

Prof. (Dr.) Jasbir Singh Hundal,
Dean R&D,
Maharaja Ranjit Singh Punjab Technical University,
Dabwali Road, Lal Singh Nagar,
Bathinda-151001,
Punjab.

Copy to : **Dr. Sukhvinder Singh**, Maharaja Ranjit Singh Punjab Technical University-Bathinda-151001, Punjab.

SP/YO/087/2017(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(SEED Division)

Technology Bhavan,
New Delhi-110016

Dated: 02/01/2018

ORDER

Sub:-Financial assistance for the project titled **“Study of bioactive compounds, flour and starch properties of underutilized pearl millet crop”** under the guidance of **Mrs. Shamandeep Kaur**, Maharaja Ranjit Singh Punjab Technical University, Bathinda.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs.28,81,391/- (Rupees Twenty Eight Lakh Eighty One Thousand Three Hundred Ninety One only)** for a duration of **three** years. The detailed breakup of the grant for General & Capital Components are given below:-

General Component Rs.17,01,487/-
Capital Assets Rs.11,79,904/-
TOTAL **Rs.28,81,391/-**

S. No.	Proposed Budget Head	1 st year	2 nd year	3 rd year	Total
Capital Assets					
	Equipment's	11,79,904/-	-----	-----	11,79,904/-
A	Total	11,79,904/-	-----	-----	11,79,904/-
Manpower					
	PI @ Rs.30,000/- p/m Consolidated.	3,60,000/-	3,60,000/-	3,60,000/-	10,80,000/-
Travel					
	Travel	25,000/-	25,000/-	25,000/-	75,000/-
Demo Training/Awareness					
	Demo Training/Awareness	25,000/-	20,000/-	20,000/-	65,000/-
Consumables					
	Chemicals, Glassware and Stationary required for experiment	50,000/-	50,000/-	50,000/-	1,50,000/-
Contingency					
	Contingencies @3%	49,197/-	13,650/-	13,650/-	76,497/-
Overheads (10% of Above Costs)					
	Overheads	1,63,990/-	45,500/-	45,500/-	2,54,990/-
B	Total	6,73,187/-	5,14,150/-	5,14,150/-	17,01,487/-
Grand Total (A+B)		18,53,091/-	5,14,150/-	5,14,150/-	28,81,391/-


21/9/2018

2. The sanction of the President is also accorded to the release of Rs.6,73,187/- (Rupees Six Lakh Seventy Three Thousand One Hundred Eighty Seven only) to Registrar, Maharaja Ranjit Singh Punjab Technical University, Bathinda-151 001 being the first installment of grant under "General Component" for implementation of the above mentioned project.
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 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 the Provision 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 grants under the project shall be considered only on receipt of the said documents.
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. 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.
8. DST reserves sole rights on the assets 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.
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 acknowledgment 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.


2/01/2018

11. Failure to comply with the terms and condition of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

12. The expenditure involved is dubitable to Demand No.84, Department of Science & Technology for the year 2017-18:

3425 : Other Scientific Research (Major Head)
60 : Others
60.200 : Assistance to Other Scientific Bodes (Minor Head)
70 : Innovation, Technology Development and Deployment
70.00.31 : Grants-in-aid General for the year 2017-18 (Plan)

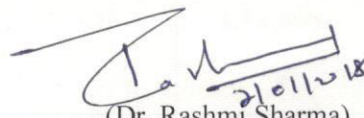
*(Previous:SSP-SEED-3425.60.200.08.11.31)

13. The amount of **Rs.6,73,187/- (Rupees Six Lakh Seventy Three Thousand One Hundred Eighty Seven only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Registrar, Maharaja Ranjit Singh Punjab Technical University, Bathinda-151 001**. The bank details for electronic transfer of funds through RTGS are given below:-

Institution Account Name	Maharaja Ranjit Singh Punjab Technical University, Bathinda
Saving Bank Account Number	3639154976
Name of Bank	Central Bank of India
Branch Name	Gyani Zail Singh College of Engineering & Technology, Bathinda-151 001
RTGS/IFS Code	CBIN0283469
MICR Code	1151016890

14. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 127 in the register of grants maintained in the Division for the scheme (**Scheme for Young Scientist and Technologists**)

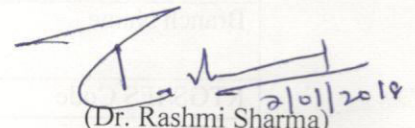
15. This issues with the concurrence of IFD Vide their Concurrence Dy. No. 3842/IFD 2017-18
Dated: 14/12/2017.



(Dr. Rashmi Sharma)
Scientist-'E'
011-26590541

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy for information and necessary action to:-

1. Cash Section (3 copies) for making the payment to the grantee.
2. Account Section.
3. Director of Audit, (Scientific Deptt), AGCR Building, New Delhi – 110 002.
4. Sanction Folder
5. Head (SEED)
6. Registrar, Maharaja Ranjit Singh Punjab Technical University, Bathinda.
7. Mrs. Shamandeep Kaur, Maharaja Ranjit Singh Punjab Technical University, Bathinda.


(Dr. Rashmi Sharma)
Scientist-'E'
011-26590541


(Dr. Rashmi Sharma)
Scientist-'E'
011-26590541

Our Ref.: UMP.05/26.10/03/RDU180371

27/04/2018

DR. SYED MAHMOOD

Project Leader RDU180371

FAKULTI TEKNOLOGI KEJURUTERAAN

Dear Sir / Madam,

APPROVAL FOR UMP GRANT

- TITLE ? FORMULATION, CHARACTERIZATION AND INVIVO EFFICACY OF SILVER-LIPID NANOPARTICLES LOADED WITH CAPSAICIN AND CALCIPOTRIENE FOR THE TREATMENT OF PSORIASIS. (RDU180371)

Referred to above matters and Mesyuarat Jawatankuasa Penilaian Projek Penyelidikan (JKPP) BIL 04/2018 on 10/04/2018

2. We are pleased to inform that your grant application has been approved with the research project details are as below:

Project Title	: TITLE ? FORMULATION, CHARACTERIZATION AND INVIVO EFFICACY OF SILVER-LIPID NANOPARTICLES LOADED WITH CAPSAICIN AND CALCIPOTRIENE FOR THE TREATMENT OF PSORIASIS.
RDU No.	: RDU180371
Project Duration	: 15/04/2018 - 14/04/2020
Amount Approved (RM)	: RM 36,216.00
Funding Type & Sources	: Internal Grant, UMP
Project KPI	: 2 ISI, 1 Scopus and 1 masters student
Grant Guidelines/TOR	: PNI Portal (http://research.ump.edu.my/)
Process & Reporting	: IRIMS UMP
Members	: 1. 0115 / Professor Datin Dr. MIMI SAKINAH BINTI ABDUL MUNAIM - (FTK) 2. 01735 / Dr. RAJALETCHUMY A/P VELOO KUTTY - (FTK) External Collaborator 1. UTTAM KUMAR MANDAL / MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERISTY , BATHINDA 2. WAN MOHD AZIZI BON WAN SULAIMAN / INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

3. With this research grant approval, university look forward to your contribution especially in strengthening UMP towards becoming a leading R&D institution of choice. Congratulations and thank you.

"BERKHIDMAT UNTUK NEGARA"

Sincerely,



IDAYU BINTI MAT ALI

Senior Science Officer

o.b : Deputy Vice Chancellor (Research & Innovation)

Research & Innovation Department

c.c **Dean, FAKULTI TEKNOLOGI KEJURUTERAAN**

Funded Research Projects
2019



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INDIAN COUNCIL OF
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8/10/19
भारतीय आयुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

No. Fellowship/53/2019-ECD-II

Dated: 19/7/19

To,

The Director,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda-151001 Punjab.

Subject: -Award of Senior Research Fellowship to Mrs Neha Bajwa on the project entitled "Intensifying Solubility and Bioavailability of arteether through molecular Encapsulation based Oral Drug Delivery System" Punjab.

Sir,

I am glad to inform you that the ICMR has awarded SRFship to **Mrs Neha Bajwa** on a stipend of **Rs. 35,000/- p.m.** to carry out research on the project mentioned above under your guidance. **H.R.A. and Medical reimbursement will be paid as per the rules of your Institute.**

The award of Research Fellow will be subject to the following terms and condition:

TENURE:- It will be tenable for one year only from the date of joining duty and further extension will be on yearly basis subject to maximum of **Three Years** based on the review of progress report by expert group.

The event of his/her leaving before completing one year on the fellowship, he/she may be required to refund the stipend drawn by him/her from the date of joining to the date of leaving the fellowship.

PRIVATE PRACTICE:- Private Practice of any kind, or taking up any appointment even in an honorary capacity during the fellowship is not permitted.

ADMINISTRATIVE CONTROL: - The candidate will be under the administrative control of the Institution where he/she works, and will also be subject to the rules and regulations of the Institute.

LEAVE: Leave will be admissible according to the leave rules of the Institution/University. However, in the case of female research fellows/Associated 180 days maternity leave with stipend will be admissible. Research Fellow / Associates are not entitled for vacation normally admissible to the staff of an Institution

HRA: - HRA will only be paid, if the fellow is not availing any hostel facility. A certificate to this effect should be sent along with joining report for payment of HRA.

REPORTS:- The awardees shall submit **1st annual report** for the first **10 months**, on the prescribed standard Performa. **Ten copies** of the **first annual report** should be submitted after 10 months from the date of commencement of the fellowship giving complete factual details of the research work done through the Guide along with his/her appraisal. Subsequent annual report should be submitted through the Guide two months before the completion of fellowship tenure. Failure to submit reports in time may lead to termination of the award. Ten copies of the final report in the prescribed form clearly shall be submitted one month before the date of termination of the award. A list of the papers published or presented at Scientific Conferences during the tenure of the fellowship should also be furnished with the annual and final reports.

PUBLICATION OF PAPERS:- Prior permission for publication of papers based on the research work done during the tenure of the award should be obtained from the Council. The papers should be sent to the Council through the Guide with his/her recommendations. Due acknowledgement to the Council should be made in these papers.

PAYMENT OF FUNDS:- The stipend and the funds for contingencies shall be paid as per rules of the Council.

CONTINGENT EXPENDITURE:- An annual **contingent grant of Rs. 20,000/- p.a.** will be admissible for the financial year from 1st April to 31st March. In case a SRF joins duty after 1st April, the contingent grant will be proportionate to the period of the award in that financial year.

The contingent grant is given to meet petty expenditure for purchase of chemicals, reagents etc. No non-expenditure article or equipment can be purchased out of the grant.

TRAVEL: - Travelling allowance will not be admissible for joining duty on termination of the award.

The Council may approve tours of research fellow for:-

1. Attending symposium/seminar/conference provided the fellow/associate is presenting a paper which has been accepted by the organizers of the symposium/seminar/conference.
2. Field work connected with research.
3. TA/DA would be admissible as per the rules applicable to Central Government Officers with basic pay equivalent to the amount of the fellowship stipend.

NOTE:- The expenditure on this account will be met from the contingent grant sanctioned to the fellow.

POST FELLOWSHIP CAREER:-

4. The Research Fellow can register himself/herself for postgraduate qualification and utilize his/her work done during fellowship tenure. A copy of the thesis submitted for postgraduate degree will have to be sent to the Council for information and record. Due acknowledgement to the ICMR should be made in the thesis by the research fellows.
5. Research Fellow should send to the Council for information a brief report on the post/job taken by him/her after expiry of the fellowship.

6. The joining date may be on either 1st or 15th of a calendar month and the indication of forenoon/afternoon on which the fellow joins may please be intimated to this office, along with the Joining Report (duly forwarded by the Guide) as well as duly filled Mandate Form & Cancelled Cheque of the concerned Bank where fellowship money is to be remitted (format enclosed). He/she may be asked to **report for duty within a month from the date of issue of this letter failing which the award will be treated as cancelled.**
7. Ethical approval for carrying out the above study may please be submitted to this office before joining of fellowship.

Yours faithfully,



(Arti Chawla)
Administrator Officer
For Director-General

1. Copy to: - Accounts Section – V, ICMR
2. Prof (Dr) Ashish Baldi, Professor & Head, Maharaja Ranjit Singh Technical University, Bathinda -151001, Punjab.
3. Mrs. Neha Bajwa, SRF, Deptt. of Pharmaceutical Sciences & Tech, Maharaja Ranjit Singh Punjab Technical University, Bathinda-151001 Punjab.
IRIS ID No. **2019-5245/F53**
4. Mrs. Vandana, Sr. Technical Officer (II)



For Director-General

o/c



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भारतीय आयुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

FileNo.Fellowship/53/2019-ECD-II

Dated: 24/6/20

To,

The Director,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda-151001 Punjab.

Subject-**"Intensifying Solubility and Bioavailability of arteether through molecular Encapsulation based Oral Drug Delivery System,Punjab."** to Mrs Neha Bajwa under **Dr Ashish Baldi Head.**

Sir,

The Director General, ICMR, sanctions the payment of Rs. 2,36,800/- (Rupees Two Lakh Thirty Six Thousand Eight Hundred only) as the 2nd Installment of Ist year of the grant for covering the payment of fellowship Stipend, HRA and funds for Contingent expenditure to the Senior Research Fellow from 01/02/2020 to 31/07/2020(Six Months) is as under:

1) Stipend @ Rs.35, 000/- p.m.	Rs.	2, 10,000/-
2) HRA @ 8% 2,800/-p.m.	Rs.	16,800/-
3) Contingencies @ Rs. 10,000/-	Rs.	10,000/-
Total	Rs.	2, 36, 800/-

The above amount of Rs. 2, 36,800/- will be sent to **Maharaja Ranjit Singh Technical University, Bathinda -151001, Punjab** through RTGs in Account No. 3463857819 MICR CODE OF BANK No. 151016890 IFSC Code No.CBIN0283469, Central Bank Of India, GZSCCET Branch, Dabwali Road, Bathinda. The grant has been sanctioned on the conditions laid down in our letter of even number dated: 19/07/2019

Yours sincerely,

(Dr R.R. Gangakhedkar)
Head ECD

- Copy to: - Accounts Section – V, ICMR together with a formal bill of Rs. 2,36,800/- for payment to Maharaja Ranjit Singh Technical University, Bathinda -151001, Punjab.
2. Prof (Dr) Ashish Baldi, Professor & Head, Maharaja Ranjit Singh Technical University, Bathinda 151001, Punjab.
 3. Mrs. Neha Bajwa, SRF, Deptt. of Pharmaceutical Sciences & Tech, Maharaja Ranjit Singh Punjab Technical University, Bathinda-151001 Punjab.
 4. IRIS ID No. 2019-5245/F53
 5. Mrs. Vandana, Sr. Technical Officer (II)

Head ECD

Mo-A. Pharmacy.
Dil
28/7/20



RSPTU/THARU
38-7-20
Dr. Baldi Sir for information
& Personal
28.7.20

F.No. F-11012/2/2019-FTL
Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi-110049

Dated : 25/09/2019

To,
The Pay and Accounts Officer,
M/o Food Processing Industries,
10/11, Jam Nagar House,
New Delhi-110011

कुलदीप सिंह/KULDEEP SINGH
उप सचिव / Deputy Secretary
आद्य प्रसंस्करण उद्योग मंत्रालय
Ministry of Food Processing Industries
भारत सरकार/Government of India
पंचशील भवन, अगस्त क्रांति मार्ग
पञ्चशील भवन, अगस्त क्रांति मार्ग
नई दिल्ली/New Delhi-110049

Subject : Sanction for grant-in-aid to

Agency Name

REGISTRAR MAHARAJA RANJIT SINGH PTU ,BATHINDA

For **Setting-up** of Food Testing Laboratory at Department of Food Science & Technology, Punjab, Bathinda-151001 under the Scheme for Pradhan Mantri Kisan Sampada Yojana - Food Safety and Quality Assurance Infrastructure.

Sir,

I am directed to convey the sanction of president to the payment of 1st Installment of grant-in-aid of Rs. 9932000/- (Rupees ninety nine lakh(s) thirty two thousand only) of the total approved non recurring grant-in-aid of Rs. 2,53,12,000/- (Rupees Two Crore Fifty Three Lakh Twelve Thousand Rupees Only) as grant-in-aid to **Central Bank of India, Gyani Zail Singh Engineering College, Maharaja Ranjit Singh Punjab Technical University Campus, Dabwali Road, Bathinda- 151001** for being passed on to

Agency Name

REGISTRAR MAHARAJA RANJIT SINGH PTU ,BATHINDA

for **Setting-up** of Food Testing Laboratory at Department of Food Science & Technology, Punjab, Bathinda-151001. **The list of equipments sanctioned by the Ministry is at Annexure-I.**

The release of Grant-in-aid is subject to the terms and conditions mentioned below:-

1. The Grant-in-aid shall be utilized exclusively for the purpose (s) for which it is sanctioned.
2. A detailed account of expenditure incurred out of Grant-in-aid shall be maintained and got audited by Chartered Accountant or other recognized body of auditors. The audited statement of accounts together with separate certificated in the prescribed proforma for (a) Building or capital additions to the building etc., (b) Equipment, Furniture and fixtures etc., (c) Revenue / recurring expenditure shall be furnished to this Ministry as early as possible after the close of the financial year in which the grant-in-aid has been sanctioned.
3. The expenditure under Grant-in-aid being released by this Sanction Order, is to be recorded through EAT Module of PFMS. In compliance of GFR 230 (7) Utilization of Grant in aid will be monitored through EAT module of PFMS by the Ministry. The expenditure not found appearing in EAT Module of PFMS will not be taken as eligible expenditure.
4. The assets, permanent or semi-permanent, acquired wholly or substantially out of this grant-in-aid shall not without prior concurrence of the Ministry of Food Processing Industries be disposed off or encumbered or utilized for purpose other than those for which this grant has been sanctioned. A register may also be maintained by the grantee Institutions or Organizations in the prescribed format of such assets and got audited along with the other accounts and utilization certificates.
5. The accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the principal Account Office of the Ministry / Department, whenever the institution or Organization is called upon to do so and a provision to this effect should invariably be incorporated in all orders sanctioned grant-in-aid.
6. Before the grant is released, the grantee should execute a bond (in case of private organization) with two witness to the President that (A) He will abide by the conditions of grant by the target dates, if any, specified therein. (B) That he will not divert that grant and entrust execution of the scheme or work concerned to another institution(s) or organization(s) and (C) Shall abide by any other conditions specified in this agreement and in the event of his failing to comply with the conditions or committing breach of the bond, the grantee and the sureties individually and jointly will be liable to refund to the President of India, the entire amount of the grant with interest at 10% per annum, thereon or the sum specified under the bond.
7. The release of Grant-in-aid is subject to compliance with the pattern of assistance of the scheme as approved in the 12th five-year plan or the revised scheme guidelines, as the case may be and provisions of GFR-2017.
8. The grantee institutions/bodies shall be required to maintain subsidiary accounts of the Government grant and furnish to the Account Officer of Audited Statement of Accounts together with a copy of their constitutions. These audited statement of accounts will also be required to be furnished after utilization of the grant-in-aid or whenever called for.
9. The know-how and all other aspects of Intellectual property generated as result of the project will be owned wholly by Ministry of Food Processing Industries.
10. The machinery/equipment purchased out of grant-in-aid amount would be treated as National Property and the MFPI would be able to utilize these machineries/equipments without any payment of any charges.

Copy of the Surety Bond - Government Institution- not required as per Guidelines.

It is certified that the non-recurring grant-in-aid and conforms to the pattern of assistance framed as per rule of Ministry of Finance or any scheme framed with the approval of it.

The grant-in-aid is sanctioned for meeting non-recurring scheme expenditure. Certified that no utilization Certificate is pending against

Agency Name

REGISTRAR MAHARAJA RANJIT SINGH PTU ,BATHINDA

For **Setting-up** of food testing laboratory at Department of Food Science & Technology, Punjab, Bathinda-151001 and also any grant released under the scheme for Food Safety and Quality Assurance Infrastructure and other schemes current or past of MoFPI. This is certified that the

Grant-in-aid of previous grant sanctioned vide order no. F-11012/2/2019-FTL dated NIL has been fully utilized by the grantees. The unspent balance amount of Rs. NIL has been deducted from the present installment of Rs. 9932000/-.

The expenditure involved is debitable to the following Heads of Account under Demand No. 41 of the Ministry of Food Processing Industries for the year 2019-20.

Major Head	Detail Head	Sub-Major Head	Object Head	Minor Head	Category	Sub-Head
2408	06	01	31-GRANTS-IN-AID GENERAL	103	5-VOTED	19

This Issue with the concurrence of the Integrated Finance vides their Dy. No. 10317/IFD/2019 dated 24/09/2019.

Noted at Serial No. 18 in the Register of Grants.

(Signature)
Yours Faithfully

(Kuldeep Kumar Singh)

Deputy Secretary to the Govt. of India

कुलदीप सिंह/KULDEEP SINGH

उप सचिव / Deputy Secretary

खाद्य प्रसंस्करण उद्योग मंत्रालय

Ministry of Food Processing Industries

पंचशील भवन, अगस्त क्रांति मार्ग

Panchsheel Bhawan, August Kranti Marg

New Delhi-110009

Copy to:-

1. The Chief Manager, Central Bank of India, Gyani Zail Singh Engineering College, Maharaja Ranjit Singh Punjab Technical University Campus, Dabwali Road, Bathinda - 151001 with a request that the grant-in-aid of Rs. 9932000 / (Nine Lacs and Ninety thousand only) may be credited into the account No.

Account Number

3775378149

of

Agency Name

REGISTRAR MAHARAJA RANJIT SINGH PTU ,BATHINDA

2. The Registrar,

Agency Name	City	District	State	Country
REGISTRAR MAHARAJA RANJIT SINGH PTU ,BATHINDA	BATHINDA	BATHINDA	PUNJAB	INDIA

The Utilization Certificate of the installment may be submitted latest by 24.09.2020. The second installment would be released only on receipt of (i) Utilization Certificate (In the enclosed format) of the 1st installment provided by MFPI, (ii) The statement of actual expenditure showing the incurring of 80% of Promoter's Contribution and 80% of Term Loan (if any) towards setting up / up-gradation of laboratory for food quality analysis, duly certified by CA, (iii) Submission of 6 monthly periodical progress report and (iv) inspection of the laboratory by MFPI, if necessary.

The grant-in-aid shall only be utilized for purchase of approved equipment as per the list attached and expenditure approved. Release of grant is also subject to the following conditions:-

- The organization will maintain a separate bank account for the project.
- The grant-in-aid shall only be utilized for purchase of approved equipment as per list attached and expenditure approved.
- No change of proposed equipment should be made and any change of requirement of equipment requires prior approval of the Ministry.
- The organization will permanently fix stickers on each equipment purchased under the project indicating 'funded by Ministry of Food processing Industries, Govt. of India'.

- Cash Section, M/o Food Processing Industries.
- Sanction folder.

(Signature)
Yours Faithfully

(Kuldeep Kumar Singh)

Deputy Secretary to the Govt. of India

कुलदीप सिंह/KULDEEP SINGH

उप सचिव / Deputy Secretary

खाद्य प्रसंस्करण उद्योग मंत्रालय

Ministry of Food Processing Industries

पंचशील भवन, अगस्त क्रांति मार्ग

Panchsheel Bhawan, August Kranti Marg

New Delhi-110009

GRANT-IN-AID-BILL
For use of the Ministry of Food Processing Industries

F.No. F-11012/2/2019-FTL
Demand No. 41 (2019-20)

Dated: 25/09/2019

Major Head	Detail Head	Sub-Major Head	Object Head	Minor Head	Category	Sub-Head
2408	06	01	31-GRANTS-IN-AID GENERAL	103	S-VOTED	19

Received Rs.9932000 /- (Rupees ninety nine lakh(s) thirty two thousand only) sanctioned under sanction letter F.No. F-11012/2/2019-FTL Dated 25/09/2019 original letter (Sanction) signed in ink addressed to the pay & Accounts Officer, Ministry of Food Processing Industries, New Delhi.

I have no reason to believe that the grantee institution is involved in corrupt practices.

Grant-in -aid may release through e-payment to **Central Bank of India, Gyani Zail Singh Engineering College, Maharaja Ranjit Singh Punjab Technical University Campus, Dabwall Road, Bathinda- 151001** in A.c No.

Account Number

3775378149

of

Agency Name

REGISTRAR MAHARAJA RANJIT SINGH PTU ,BATHINDA

. IFSC code is **CBIN0283469**.

(Kuldeep Kumar Singh)
Deputy Secretary to the Govt. of India

कुलदीप सिंह/KULDEEP SINGH
उप सचिव / Deputy Secretary

खाद्य प्रसंस्करण उद्योग मंत्रालय
Ministry of Food Processing Industries
भारत सरकार/Government of India
पंचशील भवन, अगस्त क्रांति
Panchsheel Bhawan, August Kranti
नई दिल्ली/New Delhi-110001

For use in the office of the Pay & Accounts Officer, Ministry of Food Processing Industries, New Delhi

Noted at page.....
Grant in aid Register covered by
Budget allotment (Rupees)
Noted at page.....RCR No.....
Noted at page.....RCR Vol.....
Token No.....Dated.....



Regd. Post

Phone : 91-172-2792325

Fax : 91-172-2793143

Website : www.pscst.gov.in

Punjab State Council for Science & Technology

A Scientific & Industrial Research Organization approved by DSIR & Central Govt.
under Clause (ii) of Sub-Section (I) of Section 35 of Income Tax Act, 1961

(A State Govt. Undertaking)

MGSIPA Complex, Institutional Area, Sector 26, Post Box No. 727, Chandigarh-160 019 (India)

Ref No : PSCST/1254

Dated 15.7.19

Dr. Kanwaljit Singh,
Associate Professor & Head,
Department of Food Science & Technology,
Maharaja Ranjit Singh Punjab Technical University,
Dabwali road,
Bathinda - 151001

Sub: Secondary Agriculture Entrepreneurial Network in Punjab – Joint Partnership.

Dear Sir,

As you are aware, Punjab State Council for Science & Technology is setting up Secondary Agriculture Entrepreneurial Network in Punjab with the support of Biotechnology Industry Research Assistance Council (BIRAC), DBT-GOI. The mandate of this project is to identify and address unmet technological needs of Fruit & Vegetable and Cereal & Grain Processing Industry of Punjab.

You have been contributing immensely towards this endeavour by partnering with PSCST to technically support the relevant industrial cluster of Bathinda, Barnala & Mansa. In this context, as discussed in meeting of the Vision Group of said project on 10th January, 2019, Agri-Food Innovation Fellow (1 no.) has been approved for MRSPTU for six months period, for which, the scope of work and timelines etc. are as per Annexure-I.

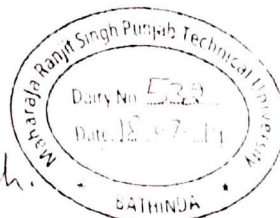
The budget of Rs 1,80,000/- (Rs 1,50,000/- towards Agri-Food Innovation Fellow @ Rs 25,000/- pm (fixed) for 6 months and Rs 30,000/- towards Contingency & Travel) for the same is being released herewith vide cheque no.488998 dated 10.07.2019. Kindly acknowledge the receipt.

With regards,

Harshvard Science & Tech.

(Signature)

Encl : As above.



Yours sincerely,

Senior Scientific Officer (Biotech)

CC : The Registrar,
Maharaja Ranjit Singh Punjab Technical University,
Dabwali road,
Bathinda - 151001

716

23/7/19



Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: impress201819@gmail.com

Indian Council of Social Science Research
(Ministry of Human Resource Development,
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi - 110067
Website: www.icssr.org

SANCTION ORDER

F.No. IMPRESS/P830/149/2018-19/ICSSR

Dated: 20-03-2019

The Registrar,

**Maharaja Ranjit Singh Punjab Technical University,
Dabwali Road, Bathinda, Punjab - 151001**

Subject: Sanction of Impactful Policy Research in Social Science (IMPRESS) Research Project entitled "**Identification of Screening Barriers for Assessment of Breast Cancer in Malwa Region of Punjab**" under domain Health and Environment to Dr Ashish Baldi

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Impactful Policy Research in Social Science (IMPRESS) research project submitted by **Dr Ashish Baldi, Professor, Dept. Of Pharmaceutical Sciences & Technology, Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda, Punjab - 151001.** Co-Project Directors of the study are: Dr. Pritpal Singh Bhullar.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. **10,00,000/-** (Rupees Ten lakhs only) for the above research project and the grant will be released as follows:

First instalment	:Rs.4,00,000/-
Second instalment	:Rs.3,00,000/-
Third instalment	:Rs. 2,00,000/-
Fourth Instalment	:Rs. 50,500/-
Publication cost*	:Rs. 50,000/-
Total	:Rs. 10,00,000/-
Overhead charges over and above 5% or maximum Rs.1,00,000	: Rs. 50,000/-**

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR.

**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.10,00,000/- is enclosed.)

4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly lined in, stamped and signed by the Project Director as well as the affiliating organization (GIC already received)
5. In case the study involves survey research, the finalized schedule/questionnaires (2 copies) along with the research information should be sent to the ICSSR as per the following schedule:

15. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
16. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the IMPRESS (Impactful Policy Research in Social Science) Research Projects available in the IMPRESS website www.impress-icssr.res.in
17. The expenditure on this account is debatable to the Budget Head-IMPRESS (Scheme Code 3615); OH 31.01 Research Projects.
18. The bank details in respect of the affiliating institution with regard to the Project Director is:
- Bank Name: Central Bank of India, GZS Eng. College Branch, MRSPTU Main campus, Dabwali Road, Bathinda , Beneficiary Name: Registrar, Maharaja Ranjit Singh Technical University, Dabwali Road, Bathinda, Account No.: 3463857819, IFSC Code: CBIN0283469
19. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. **Dr Ashish Baldi,**
Professor,
Dept. Of Pharmaceutical Sciences & Technology,
Maharaja Ranjit Singh Punjab Technical University,
Dabwali Road, Bathinda, Punjab - 151001
2. **Dr. Pritpal Singh Bhullar,**
Assistant Professor,
University Business School,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda, Punjab - 151001
3. Finance Branch, ICSSR, New Delhi
4. Record file

(Revathy Vishwanath)
For MEMBER-SECRETARY



RIS

Research and Information System
for Developing Countries

विकासशील देशों की अनुसंधान एवं सूचना प्रणाली

Mahesh C. Arora
Director(Fin n Admn)

Core IV-B, Fourth Floor,
India Habitat Centre, Lodhi Road
New Delhi-110 003 (India)
Telephones:
General : 91-11-2468 2177-80
Website : www.ris.org.in

No. RIS/108/1/182/2019

5 April 2019

Dear Mr. Singh,

Please refer to your proposal titled "Agroclimatic, Economic and Good Agricultural Practices Adoption Feasibility Studies on Selected Medicinal Plants of Punjab" for the award of FITM Doctoral Research Fellowship and subsequent interview at RIS.

2. On the recommendation of the Selection Board, I am pleased to inform that your revised proposal(Annex-A) for the award of FITM Fellowship has been accepted. The duration of the Fellowship would be for a period of two years from the date of its award. The Terms and Conditions of your engagement with the Fellowship Programme are attached(Annex-B), together with an Undertaking(Annex-C) confirming your acceptance of the conditions.

3. If the offer is acceptable to you the duly signed Undertaking may please be returned to RIS at the earliest.

4. The lump-sum amount for the Doctoral Fellowship is upto Rs.5 lakh per year, which will be released in quarterly installments to you upon attainment of deliverables(Annex-D) to the satisfaction of the Fellowship Committee. The grant would be subject to standard tax deductions at the prevailing rates. You are also requested to share your banking details with us for timely release of funds.

5. I take this opportunity to convey our best wishes for the success of your research work to which we attach significant importance.

Yours sincerely,

(Mahesh C. Arora)

Mr. Preet Amol Singh,
Ph.D Scholar,
Dept. of Pharmaceutical Sciences and Technology,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda,
Punjab, 151001

सहायक निदेशक, वित्त एवं प्रशासन
भारतीय आवास केंद्र, लोधी रोड
नई दिल्ली-110 003 (भारत)
दूरभाष : 91-11-2468 2177-80
वेबसाइट : www.ris.org.in



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
(Estb. under Act 5 (2015) of Punjab Govt. & under section 2(f) & 12 B of the UGC Act at SNo 428)
Dabwali Road, Bathinda (Punjab) -151 001

DRD/MRSPTU.

Dated:.....

PROVISIONAL Ph.D. REGISTRATION ORDER

On successful completion of allocated Ph.D. course work and subsequent acceptance of presented Research Proposal and recommendations by DDRC, in its meeting held on 30.01.2020, **Mr. Preet Amol Singh**, enrolled w.e.f. 18.08.2017 vide DRD/MRSPTU/429 dt 31.08.2017, stands provisionally Registered to Full-Time Ph.D program of MRSPTU, Bathinda under the **FACULTY & DISCIPLINE of PHARMACY** w.e.f. 16.03.2020. The Ph.D. registration number allocated to the candidate is **17201MFT05**. His research work shall be focused on **"AGRO-CLIMATIC, ECONOMIC AND GOOD AGRICULTURAL PRACTICES ADOPTION FEASIBILITY STUDIES ON SELECTED MEDICINAL PLANTS OF PUNJAB"** under the supervision of Dr. Ashish Baldi (S202M78001), Professor, Department of Pharmaceutical Sciences & Technology, Maharaja Ranjit Singh Punjab Technical University, Bathinda. The candidate shall be governed by the MRSPTU PhD Regulations-2016.

This order is issued with the approval of competent authority.

Endst No: DRD/MRSPTU/..1255(7?)

Dated:..11/6/20.....

Dean (R&D)

Cc: For information, records and further necessary action, as applicable. (*Discrepancy, if any, be intimated immediately for rectification*)

1. PA to Vice-Chancellor for kind information of the VC
2. Dean Academic Affair, MRSPTU, Bathinda
3. Registrar, MRSPTU, Bathinda
4. CoE, MRSPTU Bathinda
5. HoD (Pharmacy), MRSPTU Bathinda
6. Supervisor (Dr. Ashish Baldi)
- ✓ 7. Candidate (Mr. Preet Amol Singh)
8. AR(Accounts), MRSPTU
9. Candidate's Master File

Dean (R&D)

FILE NO. CRG/2018/000425
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: 28-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled "**Development of interactive device for quality evaluation of selected indian spices using computational techniques**" under the guidance of Prof. Ashish Baldi, Pharmaceutical Sciences & Technology, MRSPTU, Bathinda, Maharaja Ranjit Singh Punjab Technical University, Dabwali road, bathinda, Bathinda, Punjab-151001 and by Dr. Amit Kumar, Assistant Professor, Electrical Engineering, Maharaja Ranjit Singh Punjab Technical University - 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. 3267345/- (Rs. Thirty Two Lakh Sixty Seven Thousand Three Hundred and Forty Five Only)** with break-up of **Rs. 853194/- under Capital (Non-recurring) head** and **Rs. 2414151/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3267345/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Data Recording, Processing and Storage Computational Device -> High Resolution Microscope with Digital Imaging and Analysis System	853194
A'	Total (Non-Recurring)	853194
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 800000 60000
2	Recurring - IV : (Overhead Charges)	297031
B'	Total (Recurring)	2414151
C	Total cost of the project (A' + B')	3267345

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 853194/-** (Rupees Eight Lakh Fifty Three Thousand One Hundred and Ninety Four only) under 'Grants for creation of capital assets' and **Rs. 844716/-** (Rupees Eight Lakh Forty Four Thousand Seven Hundred and Sixteen only) under 'Grants-in-aid General' to **Registrar, Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Plant Sciences)

4. The Sanction has been issued to Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda with the approval of the competent authority under delegated powers on **27 March, 2019** and vide Diary No. **SERB/F/13028/2018-2019** dated **28 March, 2019**

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. 1697910/-** (Rupees Sixteen Lakh Ninety Seven Thousand Nine Hundred and Ten 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:

Account Name	The Registrar, MRSPTU
Account Number	3463857819
Bank Name & Branch	Central Bank of India GZS Eng. College Branch, Dabwali Road, Bathinda
IFSC/RTGS Code	CBIN0283469
Email id of A/C Holder	reg@mrsptu.ac.in
Email id of PI	baldiashish@gmail.com

11. 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.

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. CRG/2018/000425 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

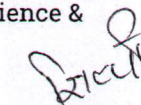
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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 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.



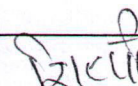
(Dr. Shilpi Paul)
Scientist E

ms_ps@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>Prof. Ashish Baldi Pharmaceutical Sciences & Technology, MRSPTU, Bathinda Maharaja Ranjit Singh Punjab Technical University, Dabwali road, bathinda, Bathinda, Punjab-151001 Email: baldiashish@gmail.com Mobile: 918968423848</p> <p>Dr. Amit Kumar Electrical Engineering Maharaja Ranjit Singh Punjab Technical University (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>Registrar, Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. Shilpi Paul)
Scientist E

ms_ps@serbonline.in



Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: impress201819@gmail.com

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. IMPRESS/P830/149/2018-19/ICSSR

Dated: 20-03-2019

**The Registrar,
Dept. Of Pharmaceutical Sciences & Technology,
Maharaja Ranjit Singh Punjab Technical University,
Dabwali Road, Bathinda, Punjab – 151001**

Subject: Sanction of Impactful Policy Research in Social Science (IMPRESS) Research Project entitled "**Identification of Screening Barriers for Assessment of Breast Cancer in Malwa Region of Punjab**" under domain Health and Environment to Dr Ashish Baldi

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Impactful Policy Research in Social Science (IMPRESS) research project submitted by **Dr Ashish Baldi, Professor, Dept. Of Pharmaceutical Sciences & Technology, Maharaja Ranjit Singh Punjab Technical University, Dabwali Road. Bathinda, Punjab - 151001.**

Co-Project Directors of the study are: Dr. Pritpal Singh Bhullar.

2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. **10,00,000/-** (Rupees Ten lakhs only) for the above research project and the grant will be released as follows:

First instalment	:Rs.4,00,000/-
Second instalment	:Rs.3,00,000/-
Third instalment	:Rs. 2,00,000/-
Fourth Instalment	:Rs. 50,500/-
Publication cost*	:Rs. 50,000/-
<u>Total</u>	<u>:Rs. 10,00,000/-</u>
Overhead charges over and above 5% or maximum Rs.1,00,000	: Rs. 50,000/-**

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .

**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.10,00,000/- is enclosed.)

4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

Revathy

- a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
- b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The Second instalment will be released after receiving a satisfactory **annual** progress report along with a simple statement of account of the account for the first instalment (Depending upon the duration of the Project).
7. The Third instalment will be released after receiving the Final Report (two hard copies and one soft copy in CD/or pen-drive) along with the executive summary (3000 to 4000 words/ten copies) and Research Papers (two) and the statement of account of the second instalment. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.
8. The scholar shall acknowledge support of ICSSR and MHRD (IMPRESS Scheme) in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.
9. The Fourth instalment will be released on the receipt of: (a) Satisfactory book length of the Final Report in the publishable form after incorporating all corrections, suggestions of the expert; (b) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution.
10. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation overhead charges @7.5% of the total expenditure incurred on the project only after successful completion of the project.
11. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
12. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
13. The Director of the research project will be **Dr Ashish Baldi**, who will be responsible for its completion within 24 Months from the date of commencement of the project, which is 1st April 2019, as intimated by the scholar.
14. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

Review

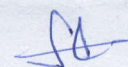
1. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
16. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the IMPRESS (Impactful Policy Research in Social Science) Research Projects available in the IMPRESS website www.impress-icssr.res.in
17. The expenditure on this account is debatable to the Budget Head-IMPRESS (Scheme Code 3615); OH 31.01 Research Projects.

18. The bank details in respect of the affiliating institution with regard to the Project Director is:

Bank Name: Central Bank of India, GZS Eng. College Branch, MRSPTU Main campus, Dabwali Road, Bathinda , Beneficiary Name: Registrar, Maharaja Ranjit Singh Technical University, Dabwali Road, Bathinda, Account No.: 3463857819, IFSC Code: CBIN0283469

19. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,



(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.

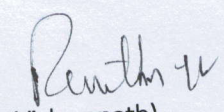
Copy to:

1. **Dr Ashish Baldi,**
Professor,
Dept. Of Pharmaceutical Sciences & Technology,
Maharaja Ranjit Singh Punjab Technical University,
Dabwali Road. Bathinda, Punjab - 151001

2. **Dr. Pritpal Singh Bhullar,**
Assistant Professor,
University Business School,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda, Punjab - 151001

3. Finance Branch, ICSSR, New Delhi

4. Record file



(Revathy Vishwanath)
For MEMBER-SECRETARY

Funded Research Projects
2020



Prof. (Dr.) Manjeet Bansal
Ph.D (Civil Engg.) FIE, FIWRS, FIAH
Dean (Consultancy & Industry Linkage)
ਪ੍ਰੋ (ਡਾ.) ਮਨਜੀਤ ਬਾਂਸਲ

ਡੀਨ (ਕੰਸਲਟੈਂਸੀ ਅਤੇ ਇੰਡਸਟਰੀ ਲਿੰਕੇਜ਼)
ਮੋਬਾਈਲ: 98151-26102

Maharaja Ranjit Singh Punjab Technical Univeristy
(Act5(2015) of Pb & 2(f) off UGC)
Badal Road, Bathinda (Punjab) -151001
ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ
ਯੂ.ਜੀ.ਸੀ. ਵਲੋਂ ਮਾਨਤਾ ਪ੍ਰਾਪਤ
ਬਾਦਲ ਰੋਡ, ਬਠਿੰਡਾ (ਪੰਜਾਬ) - 151001
ਈ-ਮੇਲ: dcil.mrsptu@gmail.com

No. DC/AB/Pharmacy/ 161

Dated: 27/1/2021

To

Director- Finance,
Croda India Company Private Limited,
Plot No 1/1 Part, TTC Area,
Thane Belapur Road Navi Mumbai,
400 710 India.

Subject: Advance Bill for 50% Payment of the consultancy project entitled "Penetration enhancer study of some novel chemical penetration enhancers"

Reference: Your MOU on Dated: 26/11/2020

As per your letter under reference the Advance Bill for 50% carrying out the Consultancy works is as under:

Sr. No.	Test Description	Rate	Amount
1.	"Penetration enhancer study of some novel chemical penetration enhancers"	@3,00,000	1,50,000/-
		Total	1,50,000 /-
		IGST@ 18%	Rs. 27,000/-
		Grand Total	Rs. 1,77,000/-

Amount in Words: Rupees One Lakh Seventy Seven Thousand Only.

The amount of Bill may be deposited in cash or by Demand Draft, Cheque, NEFT, RTGS, IMPS in favour of the Registrar MRSPTU Bathinda

Bank Account:

Name of Beneficial: Registrar MRSPTU Bathinda
Name of Bank : Central Bank of India, Bathinda
Account No. : 3599381537
IFSC Code : CBIN0283469
Branch : GZSCCET
PAN : AAAGT0124M
GST : 03AAAGT0124M1ZJ

[Signature]
27/01/2021
Dean Consultancy
MRSPTU,
Bathinda



Uttam Kumar Mandal <mandalju2007@gmail.com>

Fwd: Your submission titled 'DHR-GIA Proposal: A novel foam based formulation with silver nitrate, chlorhexidine and asiaticoside for effective burn related wound healing', Technically Approved

2 messages

Uttam Kumar Mandal <mandalju2007@gmail.com>

Sat, Jul 18, 2020 at 7:49 AM

To: Uttam Kumar Mandal <mandalju2007@gmail.com>, uttam@mrsptu.ac.in

----- Forwarded message -----

From: <icmr@cdac.in>

Date: Fri, Jul 17, 2020 at 11:27 AM

Subject: Your submission titled 'DHR-GIA Proposal: A novel foam based formulation with silver nitrate, chlorhexidine and asiaticoside for effective burn related wound healing', Technically Approved

To: <mandalju2007@gmail.com>

Dear DR. UTTAM KUMAR MANDAL,

This has reference to your submission id **2020-9632** with title **DHR-GIA Proposal: A novel foam based formulation with silver nitrate, chlorhexidine and asiaticoside for effective burn related wound healing**. Your proposal has been technically approved.

Please upload required documents for Codal Formalities by 10 August 2020, for which the list is available on Online ICMR Extramural Portal.

With best regards ,
ICMR Team

This is a system generated mail. Please do not reply to it. For Any Further Correspondence please contact only at "po.epms@icmr.gov.in / 011-26588590 ".



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--
Dr. Uttam Kumar Mandal
Associate Professor (Pharmaceutics)
Department of Pharmaceutical Sciences & Technology
Maharaja Ranjit Singh Punjab Technical University (MRSPTU), Bathinda
Ph. No. : +91- 9872419542
Email: mandalju2007@gmail.com
uttam@mrsptu.ac.in
Website: <http://mrsptu.ac.in/departement.php?did=17>

Virus-free. www.avast.com

Uttam Kumar Mandal <mandalju2007@gmail.com>

Thu, Sep 17, 2020 at 3:20 PM

To: MOHIT KUMAR <maddysharma3303@gmail.com>

[Quoted text hidden]

M Gmail

Annexure-I

Rahul Deshmukh <drrahuld09@gmail.com>

Your submission titled 'DHR-GIA Proposal: THERAPEUTIC POTENTIAL OF DUAL PHOSPHODIESTERASE INHIBITION IN EXPERIMENTAL ALZHEIMER'S DISEASE: POSSIBLE ROLE OF EPAC SIGNALING IN COGNITIVE PROCESSING', Technically Approved

1 message

icmr@cdac.in <icmr@cdac.in>
To: drrahuld09@gmail.com

Sat, Jul 11, 2020 at 11:14 AM

Dear DR. RAHUL RENUKADAS DESHMUKH,

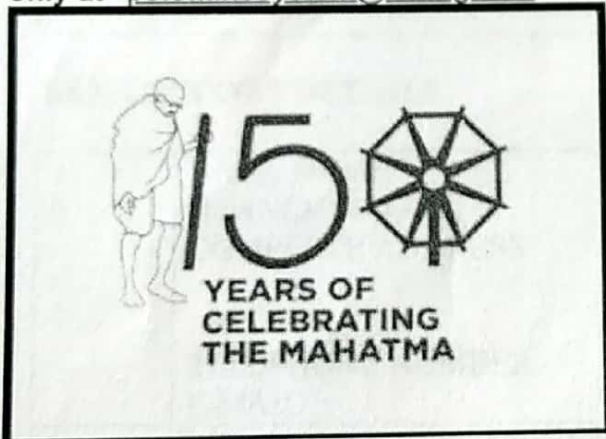
This has reference to your submission id 2020-9634 with title DHR-GIA Proposal: THERAPEUTIC POTENTIAL OF DUAL PHOSPHODIESTERASE INHIBITION IN EXPERIMENTAL ALZHEIMER'S DISEASE: POSSIBLE ROLE OF EPAC SIGNALING IN COGNITIVE PROCESSING. Your proposal has been technically approved.

Observations: It was suggested that single appropriate model for Alzheimer disease may be used. Budget may be revised accordingly

Please upload required documents for Codal Formalities BY August 10, 2020, for which the list is available on Online ICMR Extramural Portal.

With best regards ,
ICMR Team

This is a system generated mail. Please do not reply to it. For Any Further Correspondence please contact only at "po.onlinesystem@icmr.gov.in / 011-26588590".



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F. No. Z.18017/187/CSS/R&D/PB-01/2019-20-NMPB-IV A

Government of India
Ministry of AYUSH
(National Medicinal Plants Board)

1st & 2nd Floor, Annexe Building,
Indian Red Cross Society,
New Delhi-110023
Phone: - 011-23271839
Email:- info-nmpb@nic.in
Date: 16 July, 2019

To,

Prof. (Dr.) Ashish Baldi,
Department of Pharmaceutical Science & Technology,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda, Punjab 151001

Sub.:- Approval of the Project Proposal entitled "Development of an interactive mobile app 'Q-CHECK' and parameter profiling for Quality Certification of Herbs from North India" for the year 2019-20- reg.

Sir,

The undersigned is directed to refer to the project proposal entitled "Development of an interactive mobile app 'Q-CHECK' and parameter profiling for Quality Certification of Herbs from North India" and to say that the project was recommended in the 58th PSC meeting held on 10-11th May, 2019 and approved by the 74th SFC for 1 year at the total cost of Rs. 22.76 lakhs with following suggestions:-

1. Select two species namely *Tinospora cordifolia* and *Saraca asoca* in which stem part in *T. cordifolia* and bark in *S. asoca* for carrying out the study for one year.
2. Pilot study to be done.
3. Budget should be reduced.

The financial break-up of the Grant-in-aid as approved by the 74th SFC is as below:-

Rs. In lakhs

Components	Approved Budget (for 1 year)
Non-recurring	6.00
Manpower(JRF-01)	3.24
Consumable	9.00
Travel	1.00
Contingency (included sample analysis)	2.00
Overhead	1.52
Total	22.76

(Contd.....2)

Details of Installments will be as follows:-

(Rs. In lakhs)

Total amount	1 st & final installment
22.76	22.76

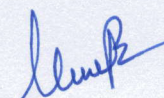
You are requested to submit the duly filled up Performa of Agency Details (Copy enclosed) for transferring the grant-in-aid through RTGS mode & for online monitoring of the project along with the documents indicated below:

1. Pre-receipt of **1st & final installment of Rs. 22.76 lakhs**, duly signed, on Rs. 1/- revenue stamp affixed.
2. A certificate stating that institute / organization is not involved in any proceeding relating to the account or conduct for any of its office bearers.
3. An undertaking that the terms and conditions of the grant are acceptable to the college / organizations.
4. A certified copies duly authenticated by a Gazetted Officer of the documents showing the Constitution of the governing Body or Managing Committee responsible for the running of the organization and that the persons signing the agreement are authorized to operate upon and bind the funds of organizations / Institute.
5. A certificate that the organization has not received any grant from State or Central Govt. or from any other agency for the same proposal.
6. An agreement on Rs. 100/- stamp paper duly executed & signed in the prescribed Performa.

Note: Format copies for Agency Details and S. No. 1, 5 & 6 are attached for convenience. Rest of the certificates/undertaking at S. No. 2 to 4 shall be submitted by the grantee.

Thanking You,

Yours faithfully



(Dr. Usha Devi)

Research Officer (Botany)



Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Ashok Pandey
Programme Officer (NPP)

BRNS
Secretariat, 316-C, CFB,
BARC, Trombay,
Mumbai-400085

No: 51/14/02/2020-BRNS/36091

Date: 22/09/2020

OFFICE MEMORANDUM

Sub: R/P entitled "Methodology to estimate aerosol density of particulates via simult. meas. of no. and mass conc." under Dr. Veena Sharma, Department of Applied Physics, Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab 151001 bearing sanction 51/14/02/2020-BRNS with NPP, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for **3 years** beginning from financial year **2020-2021** with a total grant of **Rs. 41,51,681/- (Rupees forty-one lakh fifty-one thousand six hundred eighty-one only)** for the project as under :

Item of expenditure	Year 1 (2020-2021)	Year 2 (2021-2022)	Year 3 (2022-2023)
Equipments	1484600	0	0
Staff Salary - JRF	372000	372000	0
Staff Salary - SRF (1)	0	0	420000
Consumables	283448	309698	62318
Travel - PI	20000	55000	45000
Contingencies	176805	30970	6232
Overheads	162004	55252	39549
Total(INR)	2498857	822920	573099

Note: * Aerosol Spectrometer (Optical Particle Counter), Dessicator, Particulate Matter 10 sampler, Particulate Matter 2.5 Sampler, Petri Dish, PM1 Particulate Sampler, Semi Microbalance

JRF salary calculated @31,000/- p.m. for first two years and on re-designation by committee on in third year as SRF @ 35,000/- p.m. Please note that as per the government orders under **Direct Benefit Transfer (DBT) scheme, the staff salary has to be transferred to his/her bank account.** Accordingly, Aadhar Number(UID) of the appointed staff, BankAccount details and the Mobile number linked to the bank account should be obtained and it should be intimated to this office.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 2,56,805/-) shall be released only on meeting the requirements specified (See Annex-B).

- I am also pleased to convey the sanction of the President of India to incur an expenditure of **Rs. 24,98,857/- (Rupees twenty four lakh ninety eight thousand eight hundred fifty seven only)** towards grant for the year 2020-2021 .
- The expenditure involved is debitable to: **03 3401 00 004 27 0231.**
- This is issued with the concurrence of the competent authority in the Department.

Ashok Pandey
22.9.2020

Dr. Ashok Pandey

Pay & Accounts Officer,
DAE, Mumbai - 400 001.

Copy forwarded to:

1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. Registrar, Maharaja Ranjit Singh Punjab Technical University (MRSPUT), Bathinda, Punjab 151001.
4. Principal Investigator(PI): Dr. Veena Sharma, Department of Applied Physics, MRSPUT, Bathinda, Punjab 151001, veenasharma@mrsptu.ac.in; vn.veena@gmail.com 09781601059

A. First year grant is being released in full along with this Sanction Letter through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a Money transfer (MT) through ECS and The amount would be credited electronically to A/C No: 3463857819, A/C Name: Maharaja Ranjit Singh Punjab Technical University, Bathinda, IFSC: CBIN0283469, Central Bank of India, GZSCCET, Bathinda-151001 .

i) Acceptance of this sanction and the MT for the amount sanctioned for the first financial year may please be acknowledged (Form-I).

ii) A sticker of the BRNS LOGO (Copy Enclosed) should be pasted on all the items procured under the project.

iii) THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX (ENCLOSED), WHICH MAY BE GONE THROUGH CAREFULLY.

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released (unspent balance of previous year and Interest earned will be adjusted) after the PI submits the following documents to the Programme Officer NPP:

a) Claim in Form-II quoting the reference of the sanction issued for the first year.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year should be updated on the website. Interest earned in previous year should be reflected in the Statement of Accounts. A printout of the same should be sent to BRNS after it is duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee, alongwith HRA CLAIM (if applicable), should be uploaded in a single pdf file under the file head "Staff Appointment Details". In addition, the details of the appointed staff should also be updated in the available menu.

e) The inventory of equipment also should be updated in the menu, besides uploading the purchase order of the items costing more than 1 Lakh.

f) A One Page report on the progress of work during first year.

C. Third and subsequent years (if any) the Sanction Letter and the grant will be released on fulfillment of the following requirements:

i) Renewal/ Extension Application: Principal Investigator (PI) is required to upload by January 15 a pdf copy of duly signed renewal/ extension application in the prescribed form-(PRA) after logging into his/her account at <https://brns.res.in>. All applications received shall be examined by experts from the field and PIs may be invited to a Technical Programme Discussion Meeting (TPDM). Renewal of the project will be based on the recommendations of the TPDM, Advisory Committee and the Board.

ii) Sanction Letter: If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.

iii) Claim: On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer NPP, 316-C, Common Facility Building, BARC, Trombay, Mumbai-400085:

a) Claim in Form-II quoting reference of the renewal sanction.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant. should be reflected in the Statement of Accounts.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year including the amount of Interest earned in previous year and duly audited by the Internal Auditor of the University/ Institution or a

Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:


a) Claim Form-II if any,

b) The final Consolidated Statement of Accounts (SA) and Consolidated Utilization Certificate duly audited by an external Chartered Accountant or the Statutory (Govt.) Auditor. It is mandatory to include the amount of bank interest earned on the grant released into the SA.

c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .

5. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
6. Member Secretary (NPP) : Shri. V. Vinod, vvinod@igcar.gov.in;
7. Co-Investigator (CI) : Prof. Sandeep Kansal, Prof. and Head, Deptt. of Applied Physics, MRSPTU, Bathinda, 151001, Email : skansal2k16@gmail.com, Mobile : 9872000814; Dr. Gagan Gupta, Assistant Professor, Deptt. of Applied Physics, MRSPTU, Bathinda 151001,
8. Project Collaborator (PC): Shri Arshad Khan, Scientific Officer(G), Room No 1-194H, ML Radiological Physics and Advisory Division, Bhabha Atomic Research Centre, Mumbai, 400 094, arshad@barc.gov.in, 09029126087

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.


22.9.2020
Dr. Ashok Pandey

Note:

1. Please quote the Sanction Number 51/14/02/2020-BRNS in all your correspondence with BRNS

DST/TMD/EWO/WTI/2K19/EFWH/2019/44(C)
Government of India Ministry of Science & Technology
Department of Science & Technology (Technology Mission Division)

Technology Bhavan, New Delhi
Dated: 05/01/2020

Sanction Order

Subject: Financial support for project entitled "Pharmaceutical and Personal Care Products (PPCPs) in Sewage Water of District Bathinda, its Transport in environmental compartment and Adsorptive Removal Using Metal Organic framework (MOF)" submitted by Dr. Meenu from MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY -BATHINDA.

Sanction of the President is hereby accorded to the approval of the above-mentioned project at a total cost of ₹ 50,02,690/- (*Rupees Fifty Lakhs, Two Thousand and Six Hundred Ninety Only*), for a duration of 3 years. The detailed breakup of the grant for Capital and General Components are given below:

Capital Component: ₹ 12,00,000/-

General Component: ₹ 38,02,690/-

S.No.	Item head	1st Year	2nd Year	3rd Year	Total
A.	Capital-Non Recurring Cost				
	Electronic Hot Plate Magnetic Stirrer -2	70,000	0	0	70,000
	Peristaltic Pump -2	1,50,000	0	0	1,50,000
	Analytical Balance -1	1,00,000	0	0	1,00,000
	pH and Conductivity meter -1	90,000	0	0	90,000
	UV-Visible Spectrometer -1	4,50,000	0	0	4,50,000
	Refrigerated BOD Shaker Incubator -1	1,40,000	0	0	1,40,000
	480 Litre Refrigerator -1	60,000	0	0	60,000
	Water Sample storage Refrigerator 500/600 L-2	1,40,000	0	0	1,40,000
	Sub Total (Capital Cost)	12,00,000	0	0	12,00,000
B	General-Recurring Cost				
	Manpower JRF (01) 31000+ 8% HRA for 1st&IInd years and 35000+ 8% HRA for 3rd year	4,01,760	4,01,760	4,53,600	12,57,120
	Other cost	75,000	50,000	1,00,000	2,25,000
	Consumables	6,00,000	5,00,000	5,00,000	16,00,000
	Travel	1,00,000	50,000	50,000	2,00,000
	Contingencies	50,000	50,000	50,000	1,50,000
	Sub-Total (B)	12,26,760	10,51,760	11,53,600	34,32,120
C	Total Cost (A + B)	24,26,760	10,51,760	11,53,600	46,32,120
D	Overhead	1,94,141	84,141	92,288	3,70,570
	Sub Total (General Cost)	14,20,901	11,35,901	12,45,888	38,02,690
E	G. Total Cost (Capital + General)	26,20,901	11,35,901	12,45,888	50,02,690

2. The sanction of the President is also accorded to the release of ₹ 12,00,000/- (*Rupee Twelve Lakhs Only*) to Maharaja Ranjit Singh Punjab Technical University -Bathinda being the first installment of grant under "Capital Component" for implementation of the above mentioned project.



3. This sanction is subject to the condition that the grantee organisation 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 upto 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 organisation 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 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/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant.
 - b. While submitting Utilization Certificate/Statement of Expenditure, the organisation 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 grants under the project shall be considered only on receipt of the said documents.
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. 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.
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.
9. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.
10. The account of the grantee Organisation 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 Organisation 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 organisation 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.
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 GFR2017.
13. The expenditure involved is debitable to-
- | | |
|-----------------|--|
| Demand No 87 | Department of Science and Technology for the year 2020-21 |
| 3425 | Other Scientific Research (Major Head) |
| 60 | Others |
| 60.200 | Assistance to Other Scientific Bodies (Minor head) |
| 70 | Innovation, Technology Development and Deployment |
| 70.00.35 | Grant for creation of capital assets for the year 2020-2021 |
| | (Previous: TDP-3425.60.200.26.01.35- (SERI/WTI) |

14. The amount of ₹ 12,00,000/- (Rupee Twelve Lakhs Only) to will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed **Maharaja Ranjit Singh Punjab Technical University -Bathinda**. The bank details for electronic transfer of funds through RTGS are given below:-

Name of the Account Holder	WTICALL 2019 PPCPs Maharaja Ranjit Singh Punjab technical University Bathinda
Name of the bank	Central Bank of India
Branch Address	Giani Zail Singh College for Engineering and Technology, Dabwali Road, Bathinda – 151 001 Punjab, INDIA
Agency Code (PFMS)	PBBA00001522
IFSC code	CBIN0283469
Account Number	3875900265
MICR No.	151016890

15. Continuation of the project beyond 31/03/2021 will be subject to appraisal and approval of the continuation of the Umbrella Scheme "Innovation, technology Development and Deployment "under which the project is funded.
16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No **346** (TMD, WE) in the register of grants maintained in the Division for the scheme (ITDD).
17. As per Rule 237 of GFR 2017, Time Schedule for submission of annual accounts - The dates prescribed for submission of the annual accounts for Audit leading to the issue of Audit Certificate by the Comptroller and Auditor General of India and for submission of annual report and audited accounts to the nodal Ministry for timely submission to the Parliament are listed below:-
- Approved and authenticated annual accounts to be made available by the Autonomous Body to the concerned Audit Office and commencement of audit of annual accounts-30th June.
 - Issue of the final SAR in English version with audit certificate to Autonomous Body/ Government concerned - 31st October.
 - Submission of the Annual Report and Audited Accounts to the Nodal for it to be laid on the Table of the Parliament -31st December.
18. The organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Department of Science and Technology should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraph of their Annual Report.



19. It is important that the information and knowledge generated through the use of these funds are made publicly available as soon as possible. In order to achieve the aforementioned objectives, each institution is encouraged to set up its own inter-operable institutional open access repository ("IR") for its research papers and review articles published in peer reviewed journals. The Ministry of Science and Technology has set up a central harvester (www.sciencecentral.in) that will harvest the full text and metadata of these publications. Kindly update the findings accordingly.
20. The organization named **Maharaja Ranjit Singh Punjab Technical University -Bathinda**, and partnering institutes agrees 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.
21. The goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeMonly.
22. The Organization/Institute/University should ensure that DoE Guidelines followed for International Travel.
23. This issues with the concurrence of IFD Vide their Concurrence Dy. No.4311 dated 30/12/2020.


 (Dr. Sanjai Kumar)
 Scientist-D

Email: Sanjai.k@gov.in

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, Department of Science & Technology, New Delhi.
4. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.
5. **Principal Investigator (PI)**
 Name: Dr. Meenu
 Designation: Assistant Professor
 Department: Department of Applied Chemistry
 Institute/University: Maharaja Ranjit Singh Punjab Technical University
 Address: Maharaja Ranjit Singh Punjab Technical University, Badal Road, Bathinda, 151001
 Email: meenu.chem@gmail.com, nagendra.rd@gmail.com, Mobile: 9872728259

Co-Principal Investigator (Co-PI)

Name: Dr. J Nagendra Babu
 Designation: Assistant Professor
 Department: Department of Chemical Sciences
 Institute/University: CENTRAL UNIVERSITY OF PUNJAB
 Address: Department of Chemical Sciences, Central University of Punjab, Mansa Road, Bathinda - 151 601
 Email: nagendra.babu@cup.edu.in, nagendra.rd@gmail.com, Mobile: 9915598259

6. Sanction folder
7. Office Copy
8. Head- TMD(EWO)


 (Dr. Sanjai Kumar)
 Scientist-D

FILE NO. IMRC/AISTDF/CRD/2019/000147
AISTDF Secretariat
Science & Engineering Research Board (SERB)

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

Dated: 29-Jun-2020

ORDER

Approval of the competent authority is hereby accorded for implementation of the ASEAN-India Collaborative research project entitled "Fabrication of next-generation personalized oral medications for the treatment of pediatric tuberculosis with innovative 3-D printing technology" for a total amount of Rs. 2307696/- (Rs. Twenty Three Lakh Seven Thousand Six Hundred and Ninety Six Only) for period of 2 years from the date of issue of this sanction order.

The composition of the project team(s) is as below:

INDIA

Lead PI

Dr. Uttam Kumar Mandal
Maharaja Ranjit Singh Punjab Technical University
Dabwali Road, Bathinda, Dabwali road, bathinda, Bathinda, Punjab-151001

Other Participant

To Be Appointed Later

ASEAN MS-1

Lead PI
Dr. Abd Almonem Doolaanea
Faculty of Pharmacy, International Islamic University Malaysia IIUM Kuantan campus Jalan Sultan Ahmad Shah 25200 Kuantan Malaysia

ASEAN MS-2

Lead PI
Dr. Kampanart Huanbutta
Burapha University 169 Faculty of Pharmaceutical Sciences, Burapha University, Chonburi, Thailand

The change/ replacement of project participants is not allowed. The participating scientists should be working on the project and affiliated with the Institute/University holding the indicated position at the time of start of the project as well as at the time of exchange visits under the project. The project grant can be utilised only for the approved items /visits of participating scientists, as mentioned above.

The break-up of estimated expenditure is as indicated below-

1. Mobility budget:

Year : 1

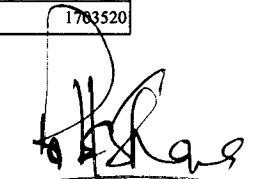
Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accommodation, per-diem etc	Total Amount
Dr. Uttam Kumar Mandal	India	Malaysia	14	48000	84000	132000
Dr. Abd Almonem Doolaanea	Malaysia	India	14	48000	84000	132000

Year : 2

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accommodation, per-diem etc	Total Amount
Dr. Kampanart Huanbutta	Thailand	India	14	43000	84000	127000
Dr. Uttam Kumar Mandal	India	Thailand	14	44000	84000	128000

2. Research Grant:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	Non-recurring (Capital Items)			
1	Equipment	0	0	0
	<i>Total - Non - recurring grant</i>			0
B	Recurring Items			
1	Manpower	401760	401760	803520
2	Consumables	450000	450000	900000
3	Contingencies	0	0	0
4	Other Cost	0	0	0
	Total (Manpower, Consumables, Contingencies, Other Cost)			1703520



C	Overhead Expenses (5% of Non-travel expenses)	42588	42588	85176
	Total cost of the project (Without Travel)	894348	894348	1788696

3. Overall Budget:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	Non-recurring (Capital Items)			
1	Equipment	0	0	0
	Total - Non-recurring grant			0
B	Recurring Items			
1	Manpower	401760	401760	803520
2	Consumables	450000	450000	900000
3	Travel (Domestic and International)	264000	255000	519000
4	Contingencies	0	0	0
5	Other Cost	0	0	0
	Total-I (Travel - Domestic and International)			519000
	Total-II (Manpower, Consumables, Contingencies, Other Cost)			1703520
C	Overhead Expenses (5% of Non-travel expenses)	42588	42588	85176
	Total cost of the project	1158348	1149348	2307696

Sanction of the Chairman-AISTDF is also accorded for the release of Rs. Rs. 1158348/- (Rupees Eleven Lakh Fifty Eight Thousand Three Hundred and Forty Eight only) as first year grant.

The release of this grant is subject to:-

- No re-appropriation of funds from one sub-head to another is permitted.
- Obtaining prior approval of the AISTDF Secretariat for all project related visits to be undertaken by the scientist(s) from the either side in connection with the implementation with of this project, separately through online system (aistic.gov.in), at-least 4 weeks in advance before incurring any expenditure for this purpose. The project based visits must be planned in a way that the duration/ period of each visit don't over-lap with other visit from same country.
- Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up-to-date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilisation under the project
- The international / domestic air-travel pertaining to visits under this project is to be performed by lowest economy class by shortest route.
- The grantee Institute/University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to AISTDF Secretariat while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of grant.
- The accounts of the grantee institution shall be open to inspection by the sanctioning authority /audit whenever the institution is called upon to do so, as laid down under Rule 211 of General Financial Rules.

The expenditure involved is to be debited "Grant-in-Aid" sub-head of the ASEAN-India Science & Technology Development Fund (AISTDF) during the current financial year 2019-20

The Sanction has been issued to Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda with the approval of the competent authority under delegated powers on 19 June, 2020 and vide Diary No. SERB/F/664/2020-2021 dated 22 June, 2020

The release amount of Rs. 1158348/- (Rupees Eleven Lakh Fifty Eight Thousand Three Hundred and Forty 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:

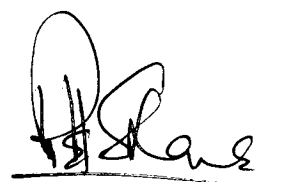
Account Name	REGISTRAR, MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Account Number	3463857819
Bank Name & Branch	CENTRAL BANK OF INDIA GZSCET BRANCH, DABWALI ROAD, BATHINDA-151001, PUNJAB, INDIA
IFSC/RTGS Code	CBIN0283469
Email id of A/C Holder	REG@MRSPTU.AC.IN
Email id of PI	uttam@mrsptu.ac.in

(Raj Kumar Sharma)
Member Secretary(AISTDF)

To,
Under Secretary
SERB, New Delhi

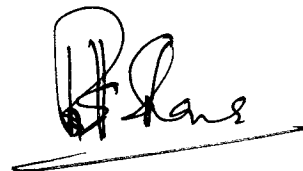
Copy forwarded for information and necessary action to: -

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. Uttam Kumar Mandal Department of Pharmaceutical Sciences and Technology Maharaja Ranjit Singh Punjab Technical University Dabwali Road, Bathinda , Dabwali road, bathinda, Bathinda, Punjab-151001 Email: uttam@mrsptu.ac.in Mobile: -
5.	Director/Registrar Maharaja Ranjit Singh Punjab Technical University, Dabwali Road, Bathinda (Receipt of Grant may be intimated by name to the undersigned)

(Raj Kumar Sharma)
Member Secretary(AISTDF)



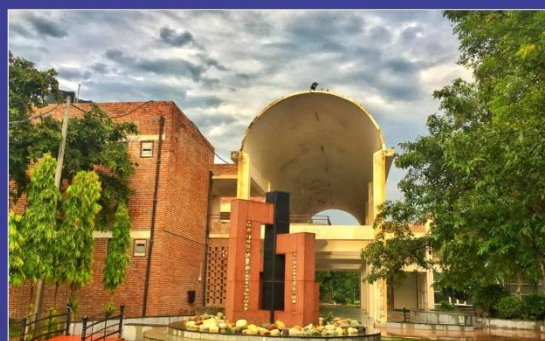


Think Excellence, Live Excellence

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.



INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
(DABWALI ROAD, BATHINDA (PB.)- 151001)