

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

Approval Letter

File Number: IRR/2018/000027

Dated: 03-Dec-2018

Subject: Project titled "To develop and establish medicine printing technology for printing of medicines on Oral Thin Films".

Dear Dr. Nidhi Prakash Sapkal,

The project cited above has been recommended by the related **Industry Relevant R&D** to the Science and Engineering Research Board (SERB) for funding **subject to 50 % cash contribution from industry partner.**

A proper MOU between the host institute/s, industry/ies indicating the details of the scope of work, project deliverables, IPR related issues etc. has to be submitted. Funds will be released only after the submission of copy of MOU, copy/receipt of the fund transferring instrument/ credit voucher, from industry (ies) to the institute, where the IRRD project is going to be implemented/ executed. Every subsequent financial release of SERB will also be followed/based on the same procedure as applicable for the first instalment/fund release of SERB.

The contribution of SERB will not exceed the total amount of the grant to be contributed by the Industry.

The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.

The committee recommended the following budget(including SERB and Industry contribution)

Manpower	-	JRF-1	(as	per	norms)
Equipment:		Rs.45.0	lakh		(approx.)
-Injet	printer		higher		version-1
-HPLC-1					

The Budget Breakup for SERB contribution is as follow
Equipment: Rs.15,22,230/- (approx.)

Manpower : JRF-1 (as per norms) from SERB and Industry contribution

Dr. A. Kulkarni
 Principal
 Gurunank College Of Pharmacy
 Nari, Near Dixit Nagar, Behind C. P. Found
 Kamptee Road, Nagpur-440 001.

pt. 3

pt. 1

Travel:				Rs.37,500/-
Contingency:				Rs.22,500/-
Consumables		:		Rs.2,75,000/-
Overhead	:	As	per	norms
Industry				contribution
Total (in INR): Rs.37,84,670/-				

You are requested to upload the Quotations of the approved equipment at the earliest.

Kindly follow the below steps only then you will be able to acknowledge the approval letter :

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals
3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI"

You are now requested to upload the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any) and salary structure for the project staff (including HRA, Medical Benefits, if applicable etc.) at the earliest so as to enable us to issue the financial sanction. A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Kindly upload RTGS details of the implementing institute to facilitate transfer of the fund as per the template. Kindly quote the reference number in all future correspondence. The project's reference no. IRR/2018/000027 may also be mentioned in all research communications arising from the above project.

Yours sincerely,
 (Dr. Rajwant SERB)
 Scientist E
 Email: rajwant@serb.gov.in

Dr. Nidhi Prakash Sapkal
 Pharmaceutical Chemistry
 Gurunanak College Of Pharmacy , Khasra No.81/1, Kamptee Road, Nari, Near Dixit Nagar Behind C. P. Foundary, Nagpur, Nagpur, Maharashtra-440026

Dr. A. M. Itadwal
 Principal
 Gurunanak College Of Pharmacy
 Near Dixit Nagar, Behind C. P. Foundary,
 Kamptee Road, Nagpur-440026



Zeal & Innovation in Medicine

Ref. No. ZLL/HR/2017-18/

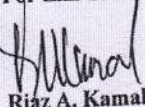
Date: 08/06/2016

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

Ms. Madhura Upadhye, M.Pharm student of Gurunanak College of Pharmacy, Nagpur has carried out part of her M. Pharm Project entitled "DEVELOPMENT OF ORAL THIN FILM FOR FIXED DOSE COMPOSITION" in our R&D Laboratory during the period 04/08/2016 to 15/04/2017.

With Regards,
For Zim Laboratories Limited

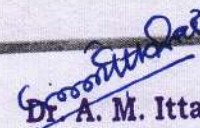

Riaz A. Kamal
(Director Administration)

ZIM LABORATORIES LIMITED

www.zimlab.in | info@zimlab.in | CIN: U99999MH1984PLC032172

Works: B-21/22, MIDC Area, Kalmeshwar - 441501 Dist. Nagpur,
Maharashtra, India. ☎ +91.7118.271370 | Fax: +91.7118.271470

Regd. office: Sadoday Gyan, (Ground Floor), Opp. NADT, Nelson Square,
Nagpur -440013, Maharashtra, India. ☎ +91.712.2588070


Dr. A. M. Itadwar
Principal
Gurunanak College Of Pharmacy
Nari, Near Dixit Nagar, Behind C. P. Foundry
Kamptee Road, Nagpur-440 026



Zeal & Innovation in Medicine

Ref. No. ZLL/HR/2017-18/

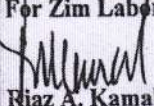
Date: 08/06/2016

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

Ms. Archana Pal, M.Pharm student of Gurunanak College of Pharmacy, Nagpur has carried out part of her M. Pharm Project entitled "DESIGN AND DEVELOPMENT OF ORALLY DISINTEGRATING FILM CONTAINING PROBIOTICS" in our R&D Laboratory during the period 14/07/2016 to 15/04/2017.

With Regards,
For Zim Laboratories Limited


Riaz A. Kamal
(Director Administration)

ZIM LABORATORIES LIMITED

www.zimlab.in | info@zimlab.in | CIN: U99999MH1984PLC032172

Works: B-21/22, MIDC Area, Kalmeshwar - 441501 Dist. Nagpur,
Maharashtra, India. ☎ +91.7118.271370 | Fax: +91.7118.271470

Regd. office: Sadoday Gyan, (Ground Floor), Opp. NADT, Nelson Square,
Nagpur -440011, Maharashtra, India. ☎ +91 712 2588070



A. M. Itad
Principal

Gurunak College Of Pharmacy
Nari, Near Dixit Nagar, Behind C
Kamptee Road, Nagpur-440011

IRR/2018/000027
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: 11-03-2021

ORDER

Subject: Research project entitled "To develop and establish medicine printing technology for printing of medicines on Oral Thin Films" by Prof. Nidhi Prakash Sapkal, Professor, Department of Pharmaceutical Chemistry, Gurunanak College of Pharmacy, Nagpur, Maharashtra-440026 under Industry Relevant R&D.

1. This is in continuation of SERB's Sanction Order No. "IRR/2018/000027" dated "17-September-2019" of Science and Engineering Research Board (SERB).
2. Sanction of the competent authority is hereby accorded to the payment of a sum of Rs.5,00,000/- (Rs. five lakhs only) with breakup of up of Rs.3,55,227/- (Rupees three lakh fifty-five thousand two hundred twenty-seven only) under Non-Recurring head and Rs.1,44,773/- (Rupees one lakh forty-four thousand seven hundred seventy-three only) under Recurring head from SERB to Gurunanak College of Pharmacy, Nagpur being the second instalment of grant for the financial year 2020-21 for implementation of the above said project.
3. The 2nd instalment of Rs.5,00,000/- is released for its utilization under Non-Recurring and Recurring head.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER).

This release is being made under Industry Relevant R&D (EC-IRR).

6. The Sanction has been issued to Gurunanak College of Pharmacy, Nagpur, Maharashtra with the approval of the competent authority under delegated powers on 09/03/2021 and vide Diary No. SERB/F/8331/2020-21 dated-10/03/2021.
7. The release amount of Rs.5,00,000/- (Rs. five lakhs only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below: --


PFMS Unique Code	incp
Account Name	Principal, Gurunanak College of Pharmacy
Account Number	09101000006044
Bank Name and Branch	Punjab and Sind Bank, Bezon Bagh Nagpur
IFSC/RTGS Code	PSIB0000910
Email id of A/C holder	incp2004@yahoo.com
Email id of PI	nidhi_sapkal@yahoo.co.in
Email of Member Secretary	rajwant@serb.gov.in

9. The date of start of the project will be from the date the Institute received first installment of the grant from SERB.
10. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
11. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
12. The institute will furnish to the SERB, Utilization certificate (separate for Recurring & Non-Recurring) for the funds from SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year for both the SERB and Industry contribution.
13. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour


Principal
Gurunanak College Of Pharmacy
Nari, Near Dixit Nagar, Behind C. P. Fr
Kamptee Road, Nagpur-440027

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


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


(Dr. Rajwant)
Scientist E

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, 11th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Prof. Nidhi Prakash Sapkal, Professor, Department of Pharmaceutical Chemistry, Gurunanak College of Pharmacy, Nagpur, Maharashtra-440026 Email: nidhi_sapkal@yahoo.co.in Mobile: +91 9422815111 Co-PI: Dr. Vaishali Anil Kilor, Associate Professor, Gurunanak College of Pharmacy, Nagpur, Maharashtra-440026 Email: v_kilor@yahoo.com (For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	The Principal, Gurunanak College of Pharmacy, Nagpur, Maharashtra-440026
6.	Dr. Minal Bonde Manager F&D, Zim Laboratories Ltd., Nagpur, Maharashtra


(Dr. Rajwant)
Scientist-E


Dr. A. M. Ittadwar
Principal
Gurunanak College Of Pharmacy

Dr. A. M. Ittadwar
Principal
Gurunanak College Of Pharmacy
Nari, Near Dixit Nagar, Behind C. P. Foundry
Kamptee Road, Nagpur-440 026

IRR/2018/000027
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: 17-Sept-2019

ORDER

Subject: Research project entitled "To develop and establish medicine printing technology for printing of medicines on Oral Thin Films " by **Dr. Nidhi Prakash Sapkal, Gurunanak College of Pharmacy, Nagpur, Maharashtra-440026** under Industry Relevant R&D.

1. This is in continuation of SERB's Commitment letter No. " IRR/2018/000027 " dated "08-May-2019" of Science and Engineering Research Board (SERB).
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **10,49,416/-** (Rupees Ten Lakh Forty-Nine Thousand Four Hundred Sixteen Only) under 'Capital head' to Principal, Gurunanak College of Pharmacy, Nagpur, Maharashtra being the 1st instalment of grant for the financial year 2019-2020 for implementation of the above said project.
3. The 1st instalment of Rs. **10,49,416/-** is released for its utilization under Non-Recurring head.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**.


This release is being made under Industry Relevant R&D. (EC -IRRD).

6. The Sanction has been issued to Principal Gurunanak college of Pharmacy, Nagpur, Maharashtra with the approval of the competent authority under delegated powers on **05.09.2019** and vide Diary No. **SERB/F/4754/2019-20** dated **11.09.2019**.

7. The release amount of **10,49,416/-** (Rupees Ten Lakh Forty-Nine Thousand Four Hundred Sixteen 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	Principal Gurunanak college of Pharmacy (SERB)
Account Number	09101000006044
Bank Name and Branch	Punjab & Sind bank
IFSC/RTGS Code	PSIB0000910
Email id of A/C holder	abhayittadwar@yahoo.com
Email id of PI	nidhi_sapkal@yahoo.co.in
Member Secretary	rajwant@serb.gov.in

8. The date of start of the project will be from the date the Institute receives the grant from SERB.
9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate (separate for Recurring & Non-Recurring) for the funds from SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year for both the SERB and Industry contribution.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.


Dr. A. M. Ittadwar
Principal
Gurunanak College Of Pharmacy
Nagpur, near Dixit Nagar, Behind C. P. Road

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


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


(Dr. Rajwant SERB)
Scientist E
rajwant@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Nidhi Prakash Sapkal, Gurunanak College of Pharmacy, Nagpur, Maharashtra-440026 Email: nidhi_sapkal@yahoo.co.in Mobile: +919422815111 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Principal Gurunanak college of Pharmacy, Nagpur, Maharashtra
6.	Dr. Minal Bonde Manager F&D, Zim Laboratories Ltd., Nagpur, Maharashtra


(Dr. Rajwant)
Scientist-E


Dr. A. M. Ittadwar
Principal
Gurunanak College Of Pharmacy
Near Dixit Nagar, Behind C. P. Foundry
Komptee Road, Nagpur-440 026

IRR/2018/000027

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: 08-May-2019

Commitment Letter

Subject: Financial assistance for the research project under Industry Relevant R&D entitled "To develop and establish medicine printing technology for printing of medicines on Oral Thin Films " by **Dr. Nidhi Prakash Sapkal**, Gurunanak College of Pharmacy , Khasra no.81/1, Kamptee road, nari, near Dixit Nagar behind c. p. foundry, Nagpur, Nagpur, Maharashtra-440026 under Industry Relevant R&D.

Co-PI- Dr. Vaishali Anil Kilor, Gurunanak College Of Pharmacy , Khasra no.81/1, Kamptee road, nari, near Dixit Nagar behind c. p. foundry, Nagpur, Nagpur, Maharashtra-440026 under Industry Relevant R&D.

Science and Engineering Research Board (SERB) hereby commits to the above-mentioned project with SERB contribution of Rs. 29,15,178 (Rupees Twenty-Nine Lakh Fifteen Thousand One Hundred Seventy-Eight only) with breakup with a break up of Rs. 14,14,322/- (Rupees Fourteen Lakh Fourteen Thousand Three Hundred Twenty-Two only) under Capital head and Rs. 15,00,856/- (Rupees Fifteen Lakh Eight Hundred Fifty-Six only) under General head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 29,15,178/- has been approved are given below:

The following budget may be considered for **Gurunanak College of Pharmacy, Khasra No.81/1, Kamptee Road, Nari, Near Dixit Nagar Behind C. P. Foundry, Nagpur.**

S. No	Head	Total (in Rs.)
A	Non-recurring (Capital Items)	
1	Equipment -> InkJet Printer -> Rs. 14,14,322/- Exchange Rate :69.16 , Estimated FC Cost: 20450 USD	14,14,322
A'	Total - Capital	14,14,322
B	Recurring Items	
1	Manpower -> Junior research fellow – 1(@ Rs.31,000/- +16% HRA per month for first 2 years and @Rs.35,000/- + 16% HRA for 3rd year. SERB contribution for the manpower for 3 years is Rs.9,00,840/- rest of the amount will be borne by industry i. e Rs. 4.49,400/-]	9,00,840
2	Consumables	2,75,000
3	Travel	37,500
4	Contingencies	22,500
5	Other Cost	0
	General - I (Manpower, Consumables, Travel, Contingencies)	12,35,840
	General - II Overhead Charges	2,65,016
B'	Total - Recurring	15,00,856
C	Total cost of the project (without overhead)	26,50,162
D	Total cost of the project (A' + B')	29,15,178

Industry contribution: Rs.37,84,670/-

2. Once the first instalment from the industry (**Zim Laboratories Ltd., Nagpur, Maharashtra**) is received by the PI, the PI will inform the same to SERB through his institute and subsequently the first instalment corresponding to the industry share will be released to the host institute by the SERB.
3. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
4. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
5. The date of the start of the project will be from the date the institute receives the grant from SERB.
6. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
7. The sanctioned equipment (if any) would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

Dr. A. M. Itadwar

Principal

Gurunanak College Of Pharmacy
Nari, Near Dixit Nagar, Behind C. P. Foundry
Kamptee Road, Nagpur-440 026

8. 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.


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

10. The project File no. IRR/2018/000027 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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

12. The 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.

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


(Dr. Rajwant)

Scientist-E


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. Nidhi Prakash Sapkal Pharmaceutical Chemistry, Gurunanak College of Pharmacy, Khasra no.81/1, Kamptee road, nari, near Dixit Nagar behind c. p. foundry, Nagpur, Nagpur, Maharashtra-440026 Email: nidhi_sapkal@yahoo.co.in Mobile: + +919422815111 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Principal Gurunanak college of Pharmacy, Nagpur, Maharashtra-440026
6.	Dr. Minal Bonde Manager F&D, Zim Laboratories Ltd., Nagpur, Maharashtra


(Dr. Rajwant)

Scientist-E


Dr. A. M. Itadwar
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