



## Research Project

Effect of natural and chemical preservatives on the nutritive value of silkworm pupa and other food sources  
and processing as canned food

Funded by Ministry of Food Processing, Govt. of India

Prof. A. K. Handique  
Dept. of Biotechnology  
Gauhati University  
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Dr. P. K. Kalita  
Dept. of Botany

### Notification

16/09/16

"Required one: Junior Research Fellow for a research project funded by Ministry of Food Processing, Govt. of India. The candidate should be M. Sc Biotechnology or M. Sc/ M.Tech in Food Science and Processing, preferably with GATE/ NET qualification. Candidate should be well versed in chemical analysis of food and the Fellowship is co-terminus with the project. Application with bio-data and supporting documents should reach Prof. A. K Handique, Dept. of Biotechnology, Gauhati University (Hard copy) or electronically at e. mail: [kalyandeka12@gmail.com](mailto:kalyandeka12@gmail.com) on or before 29 Sept. 2016. No TA/DA admissible for attending the interview. "

Copy authenticated

A. Handique  
16/09/16

## SCIENCE &amp; ENGINEERING RESEARCH BOARD

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

Dated: December 31, 2015

ORDER

Subject: Financial Sanction of the research project titled "Evaluation of nutritive values of wild and cultivated edible insects of Assam and their processing for boosting shelf life and rural economy" under the guidance of PI: Dr. A. K. Handique, Department of Biotechnology, Gauhati University, Guwahati-781014, Assam

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs.38,92,020/- (Rupees Thirty eight lakh ninety two thousand twenty only) with break-up of Rs.15,25,000/- under Non-recurring head and Rs.23,67,020/- under Recurring head for a duration of 36 months. The items of expenditure for which the total allocation of Rs.38,92,020/- has been approved for a period of 36 months, are given below:

Sl. No	Head	Total (in Rs.)
A	<b>Non-recurring</b>	
1	Equipment (i) One Hot Air Oven (ii) One Electronic precision balance (iii) One Flame Photometer with accessories (iv) One UV-VIS Spectrophotometer (v) One Autoclave (vi) One Centrifuge (vii) One Deep Freezer (viii) One Incubator (ix) One pH Meter (x) One Muffle Furnace (xi) Two Automatic Voltage Stabilizer (xii) Minor equipments (one Magnetic stirrer, one water bath, one heating mantle, one micropipette set)	15,25,000
A'	Total (Non-Recurring)	15,25,000
B	<b>Recurring Items</b>	
1	Recurring- A (Manpower, Consumables, TA/DA)	20,13,200
	Institutional Charges (10%)	3,53,820
B'	Total (Recurring)	23,67,020
C	<b>Total cost of the project (A' + B')</b>	<b>38,92,020</b>

2. Sanction of the SERB is also accorded to the payment of Rs. 15,25,000/- (Rupees Fifteen lakh twenty five thousand only) under Non-Recurring' and Rs. 1,00,000/- (Rupees One lakh only) under 'Recurring' being the grant for the year 2014-15 for implementation of the said research project.

3. The expenditure involved is debitable to

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

**This release is being made under Expert Committee- Food Processing.**

Contd...2/-

*Aiml*

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.SERB/F/6852/2015-16 dated 31-12-2015.

5. Sanction of the grant is subject to the conditions given in MFPI Guidelines available at website (<http://www.mofpi.nic.in/guidelines/guidelines09-r&d.pdf>).

6. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.0 lakh should be spent for travel.

7. The total release amount of **Rs.16,25,000/- (Rupees Sixteen lakh twenty five thousand only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of cheque/DD in favouring to **"The Registrar, Gauhati University - 781014"** and will be sent to **"Registrar, Gauhati University, Guwahati-781014, Assam or by means of RTGS transaction as per their Bank details given below:**

Account Name	The Registrar, Gauhati University
Account Number	10243131817
Bank Name & Branch	STATE BANK OF INDIA, Gauhati University Branch
IFSC/RTGS Code	SBIN0002060
Mail address of PI	ahandique03@yahoo.in
Mail address of SERB officer	anima.johari.serb@nic.in

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 institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

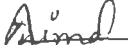
10. The grantee institute will maintain audited accounts for Non Recurring and Recurring heads separately for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest should be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

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

12. Equipment should be purchased within 4 months from the date of receipt of the sanction letter of respective installments, otherwise the grant will be liable to be cancelled and be called back.

13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

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

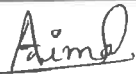
  
(Anima Johari)  
Scientist-C  
Contd...3/-

15. The unspent balance, if any, may be returned to SERB through DD in favour of "Fund for Science & Engineering Research" payable at New Delhi, with in one month from the date of completion of the project.

To,  
Finance & Budget Officer  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<b>Shri Parag Gupta</b> <b>Joint Secretary</b> Ministry of Food Processing Industries, Panchsheel Bhawan, August Kranti Marg, New Delhi - 110049.
5.	<b>Dr. A. K. Handique,</b> <b>Department of Biotechnology,</b> <b>Gauhati University,</b> <b>Guwahati-781014, Assam</b> (For guidance, Please visit MFPI Guidelines available at website <a href="http://www.mofpi.nic.in/guidelines/guidelines09-r&amp;d.pdf">http://www.mofpi.nic.in/guidelines/guidelines09-r&amp;d.pdf</a> etc. Please intimate the start date by post)
6.	<b>The Registrar</b> <b>Gauhati University,</b> <b>Guwahati-781014, Assam</b> (Kindly send receipt of the grant by post)

  
(Anima Johari)  
Scientist-C