

Department of Chemistry
University of Lucknow, Lucknow 226 007

Call for the Position of Junior Research Fellow (JRF)

Applications are now being invited for the position of Junior Research Fellow (JRF) from Indian citizens. This opportunity arises within a project funded by the Khadi and Village Industries Commission (KVIC), under S & T scheme(S&T/KVIC/HQ/18/15/2023/33837/2023-24/471). The research focus for this role is primarily within the domain of Inorganic Chemistry. Interested candidates should submit their applications with all particulars on plain paper, accompanied by their biodata.

Project Title: "Targeted Syntheses of Novel Bio Composites for Enhanced Degradation of Pollutants of Handmade Paper Industry Effluents".

Funding Agency: Khadi and Village Industries Commission (KVIC), Government of India.

Project Duration: One year

Principal Investigator (PI): Dr. Om Prakash, Department of Chemistry.

Essential Qualification: M.Sc. in Chemistry with a minimum of 55% marks. The upper age limit for JRF shall be 28 years which is relaxed up to 5 years in case of candidates belonging to Scheduled Castes/Scheduled Tribes, women and physically handicapped applicants, and 3 years in case of OBC (Non-Creamy Layer) candidates.

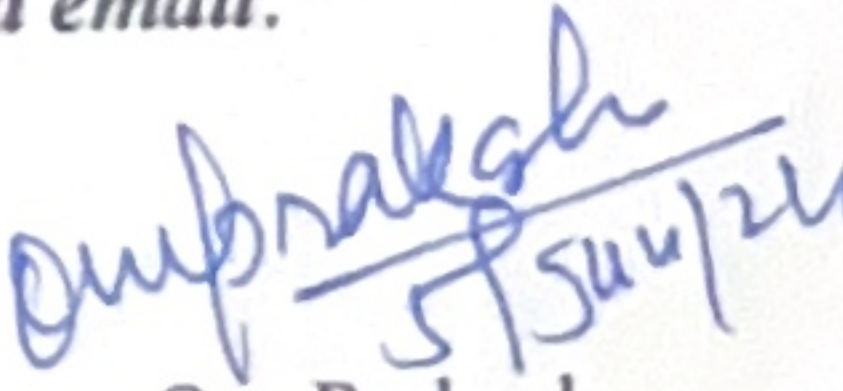
Desirable Qualifications: Preference will be given to candidates with research publications and experience in inorganic chemistry and material properties.

Fellowship: Rs. 30,000 /- per month (Consolidated).

Note:

1. The applicant will be responsible for the authenticity of the information provided, documents, and photographs submitted.
2. Qualification and experiences may be relaxed by the institute at any point of time for otherwise exceptional candidates.
3. Mere possessing the prescribed qualification does not ensure that the candidate will be called for an interview.
4. The candidate will be shortlisted based on merit and need of the project.
5. Shortlisted candidates will be informed by email about the interview date. So, the candidate must provide a valid email in his/her application.
6. Shortlisted candidates must appear in person for the interview on the interview date with an updated CV and original & self-attested photocopy of mark sheets/certificates in support of their academic qualification. along with an address proof.
7. Applicants already working (private, government, or any other organization) are required to submit a "No Objection Certificate" from their present employer at the time of the interview.
8. No TA/DA will be paid for appearing in the interview.
9. The position is purely temporary & co-terminus with the project and will be governed by the funding agency KVIC guidelines & service conditions of the University of Lucknow.

How to Apply: Applicants are required to send a scanned copy of the completed and signed application form on plain paper, together with all relevant certificates, as a soft copy via email to prakash_om@lkouni.ac.in and/or ops92002@gmail.com. This submission must be made within 21 days following the advertisement's publication date. *Candidates who are shortlisted for the interview will receive notification via email.*


Om Prakash
(PI)

Date: 5 June, 2024



P. K. Satapathy
Director (S&T)



सत्यमेव जयते

खादी और ग्रामोद्योग आयोग
KHADI AND VILLAGE INDUSTRIES COMMISSION
सूक्ष्म लघु और मध्यम उद्यम मंत्रालय, भारत सरकार,
Ministry of Micro, Small and Medium Enterprises, Govt. of India
विज्ञान एवं प्रौद्योगिकी निदेशालय
Directorate of Science & Technology

Date-26.02.2024

No. S&T/KVIC/HQ/18/15/2023/33837/2023-24/न०

To,
The Registrar
University of Lucknow,
Lucknow-226007

Sub: Sanction of the S&T project titled "Targeted syntheses of Novel Bio-composites for enhanced degradation of pollutants of Handmade Paper Industry effluents" -reg.

Sir,

With reference to the captioned subject, it is a pleasure to inform that the above-mentioned project received from your University has been sanctioned for implementation under S&T (V.I.) as detailed below:

Project Title : Targeted syntheses of Novel Bio-composites for enhanced degradation of pollutants of Handmade Paper Industry effluents

Duration : One Year (12 months)

Project Investigator : Dr. Om Prakash Assistant Professor, Department of Chemistry, Faculty of Science, University of Lucknow

Co- Project Investigator: Prof. Abhinav Kumar, Professor, Department of Chemistry, Faculty of Science, University of Lucknow

Fund Sanctioned : Rs. 14,60,000/- (details as under)

S.N.	Item of expenditure	Amount (in Rs)
Recurring		
	JRF @ Rs. 30,000/- per month for 12 months	3,60,000
2.	Consumables, Chemicals, Glassware, Plastic ware, enzymes, cultures	3,00,000
3.	Contingency (Miscellaneous expenditures including travel)	2,00,000
4.	Analytical charges from external agencies	2,00,000
Total of Recurring Budget		10,60,000
Non-Recurring		
5.	Minor equipment (Rotary evaporator, magnetic stirrer with hot plate, refrigerator, distillation assembly, digital balance)	4,00,000
Total		14,60,000

2. The fund of **Rs. 14,60,000/- (Rupees Fourteen Lakhs Sixty Thousands only)** will be released in **two or more instalments** to University of Lucknow through the State Office, KVIC, Lucknow based on progress of the project of which 1st instalment of **Rs. 12,00,000/- (Rupees twelve lakhs only)** will be released. The Institute shall complete the entire project within a period of one year from the date of the receipt of the funds from KVIC.
3. While implementing the project the following points to be taken into consideration and included in the final report
 - i. It is suggested to include comparative study with standard parameters as per Pollution Control Regulation, as well as scope of its application in the Khadi and Leather Industries.
 - ii. Further, it is suggested to coordinate with KNHPI, Jaipur to collect samples, data and facts related to HMPI Sector units.
 - iii. The machineries required for the treatment of effluent from HMP units, process parameters also to be stated.
4. It is requested to ensure the following points while implementing the project:
 - a. The compliance of required formalities, and send the quarterly progress report of the project on regular basis as per Annexure-IV and a copy endorsed to the State Office, KVIC, Lucknow.
 - b. Sanctioned budget is to be utilised as per the need and rate of reasonableness of all expenditure following guidelines issued by KVIC time to time as well as the provisions of the GFR. No additional expenditure shall be provided over and above the sanctioned amount, i.e., Rs. 14,60,000/-. After completion of the project, unspent balance amount shall be refunded to KVIC.
5. After completion of the project, a list of all the machineries/equipment procured and prototype developed out of the sanctioned amount shall be provided to this Directorate along with the final project report. All such machineries/ equipment/ prototype will be the property of KVIC and the Director, State Office, KVIC, Lucknow will be the custodian.
6. As per existing guidelines, University of Lucknow, Lucknow shall execute an **Agreement** in the prescribed format is enclosed at **Annexure – A**. The Agreement should be on non-judicial stamp paper of proper value as per the State Government norms.
7. The Project Investigator shall protect the outcome of each project through the suitable provisions of IPR, i.e., patent, brand name, copyright, trademark etc. The patent, copyright will be jointly filed in the name of the Chief Executive Officer, Khadi and Village Industries Commission, Mumbai and the Head of the Institute of the Implementing Agency. The Project Investigator and the Co-Project Investigator will be inventors of the technology.

It is requested to send an **Advance Stamped Receipt for Rs. 14,60,000/-** to this Directorate immediately for further action.

This is issued with the approval of the competent authority of KVIC.

Yours sincerely



Director (S&T)

Encl.: As above.

Copy for kind information to:

1. The Dy. CEO (CZ), KVIC, Bhopal.
2. The Director (HMPFI), KVIC, Mumbai.
3. The Director, State Office, KVIC, Lucknow.
4. The Director, KNHPI, Jaipur
5. Dr. Om Prakash Assistant Professor, Department of Chemistry, Faculty of Science, University of Lucknow



FORM No. KVIC-.....
AGREEMENT TO BE EXECUTED (FOR.....GRANT)

This agreement is made at on the -----
..... day of two thousand twenty between Chief
Executive Officer Khadi and Village Industries Commission having its Central Office at
'Gramodaya' Irla Road ,Vile-Parle (West) Mumbai- 400056 hereinafter referred to as ' KVIC ' [
which expression shall unless repugnant to the subject or context include its successors-in-
interest and assigns] and represented by **State Office, KVIC**, of one part;
And

The.....(the Institute) an Institution set up by the
.....Government of India under the
.....C/O
.....(Address of Implementing Agency)

hereinafter referred to as 'the Institute' (which expression shall unless repugnant to the subject
or context include its successors-in-interest and assigns) and represented by its Secretary,
Director, Dean,....., of the other part.

Whereas the **KVIC** is desirous of sponsoring ofproject for
**"as per the sanction letter vide no (Copy
attached, which will form part of this agreement) "** (Name of the
.....Projects sanctioned)(hereinafter referred to as the research projects.
And whereas the Institute has agreed to undertake the said project on certain terms and
conditions as hereinafter appearing which the **KVIC** and the Institute have mutually agreed to.

Now the indenture witnesses and is hereby agreed by and between the parties hereto as
follows:-

1. The **KVIC** agrees to pay to the Institute for undertaking the said research projects an
amount of Rs..... (Rupeeslakhs only) towards recurring and
non-recurring expenditure inclusive of all other charges and expenditure.
2. The **KVIC** shall release the aforementioned amounts to the Institute in suitable installment.
The first full amount of Rs. lakhs (Rupees lakhs only) shall be released on
the execution of this agreement and subsequent release shall be made in suitable
installments only after assessment of the progress of the project/scheme by the **KVIC**
according to the terms and conditions of this agreement by the Institute.
3. The Institute agrees to undertake the said project for the period of one year (no. of Years/
months) from the date of receipt of the first installment. The Institute shall complete the
entire research project within a period of one year from the date of the receipt of the funds
from the **KVIC** and give the comprehensive result of the same and time being the essence
of this contract.
4. The Chief Executive Officer (CEO), **KVIC** shall depute his/her representative or officials to
assess the progress of the work of the research project/scheme from time to time. In the
event of unsatisfactory progress in the work of the research project/scheme of which the
CEO, KVIC or its authorized representative shall be the sole judge to decide and the **KVIC**
shall be at liberty to discontinue the research project **upon giving**

notice to(Name of the Institute)
..... (Institute name) shall have a period of 30 days from the date of receipt of notice of the defect or delay to cure the **unsatisfactory progress of work. Shouldfail to cure the defect or complete that unsatisfactory progress, KVIC** may terminate this Agreement without further notice. In such an event, the.....shall be bound to refund the entire amount released by KVIC within 30 days. Thereupon the **KVIC** shall be at liberty to entrust the said research project/scheme to any other person, corporation or agency to conduct and carry the same afresh or to continue the same further from where the project was discontinued and for this purpose the **KVIC** shall be at liberty to utilize all data, reports techniques and materials used and returned by the Institute to the **KVIC** on termination of the project as aforesaid.

5. The Institute shall utilize the said amounts on the items as set out in the budget allocation and the Institute shall abide the condition[s], if any in the budget allocation letter. The Institute shall not seek any fund from any other agency for this project. Any unspent part of the amount would be refunded to the **KVIC** and carry forward of the fund for the next financial year would require **a specific agreement between the parties.**
6. The research project(s) shall be conducted under the coordination with **Director/In-charge (Science and Technology),of Khadi and Village Industries Commission (KVIC), No 03, Irla Road, Vile Parle (West) Mumbai-400056.**
7. The Institute shall submit the progress report from time to time [Quarterly Progress Report] about the achievement and progress made in the research project /scheme every three months during the course of the research/scheme in such Proforma as may be prescribed by the **KVIC.**
8. The institute is free to publish the results, procedures, method, data but it will acknowledge the **KVIC** for rendering the financial assistance. The institute shall take all measures to take the patent in consultation with the **KVIC.** The ownership of patent will be jointly by the **KVIC** and the Institute. The royalty of the invention also equally shared by the **KVIC** and Institute.
9. The Institute shall keep separate accounts of the amount paid by the **KVIC** money spent for the research project/scheme and shall allow the **KVIC**, its officials or auditors or statutory auditors appointed by the competent authority to inspect the said books of accounts and other registers and reports.
10. The Institute shall send the details of the assets acquired mainly out of the grant from the **KVIC**, furnish the utilization certificate and audited statement of accounts pertaining to the grant received from the **KVIC.** If it is found expedient to keep a part/whole amount in bank account earning interest, the interest thus earned will be treated as a credit to the Institute to be adjusted towards installment of grant or to be returned to the **KVIC.**

11. The sale proceeds, if any arising directly out of the funds given to the Institute as a result of the development of the project/scheme, shall be remitted to the **KVIC**. The **KVIC** shall be at its liberty to allow a part of it to be retained by the Institute.
12. The Institute shall submit to the **KVIC** a list of assets created out of the grant given by the **KVIC** at the end of each financial year as well as at the time of giving further installment of grants.
13. All the assets acquired from grants will be the property of KVIC and Institution shall not create any charge and/or dispose off or utilized for the purpose other than whose for which the grant was given without the prior permission of the **KVIC**. On the completion of the project/scheme, the **KVIC** shall be at liberty to sell, otherwise dispose off assets or has the discretion to gift the assets to the Institute if it considers it appropriate.
14. The Institute shall refund the entire funds, in case the Institute is not in a position to execute or complete the project/scheme.
15. If a dispute arises out of or in connection with this contract/agreement, or in respect of any defined legal relationship associated herewith or derived therefrom, the parties agrees either to seek an amicable settlement of that dispute by conciliation under the ICADR Conciliation Rules, 1996 or to submit that dispute to Arbitration under the ICADR Arbitration Rules, 1996. The authority to appoint Conciliator/Arbitrator shall be the International Centre for Alternative Dispute Resolution.
Now, in the witness whereof both the parties to this agreement have hereto signed in their respective name and affixed their respective seal, the date and the year herein above written

(For KVIC use only)

Signed, sealed and Delivered by Shri.....

For and on behalf of the first party.....

(KVIC only)

In the presence of following witnesses:-

Name

address

Signature

1.

2.

(To be filled by Institute/Individual only)

Signed, sealed and Delivered by Shri.....

For and on behalf of the second party.....

(Institute/Individual only)

In the presence of the following witnesses:-

Name

address

Signature

1.

2.

DIRECTORATE OF SCIENCE & TECHNOLOGY
Office of the Commissioner for Khadi& Village Industries
“Gramodaya” 3, Irla Road, Vile-Parle(W)
MUMBAI-400056.

Quarterly/half yearly/ Annual/Final Progress Report for the period -----

1. Name of Implementing Agency/ individual:
Address:
Telephone:
Fax:
E-mail:
2. Name of Project Co-ordinator:
Address:
Telephone:
Fax:
E-mail:
3. Details of sanction of project:
Title:
Objectives:
Duration:
4. Total grant sanctioned and expenditure as on date:

	Amount sanctioned	Expenditure
Manpower		
Equipments		
Travel		
Training Programmes		
Contingencies		

5. Budget demand for next year:
6. Physical progress as on date:
7. Prototype developed (if applicable):
8. Technology developed (If applicable):
9. Laboratory scale trails undertaken (if applicable):

10. Designs & technical specifications developed with drawings/ photographs (if applicable):
11. Data collected and its analysis:
12. Summary of work done as on date:
13. Significant findings as on date:
14. Recommendations based on outcome (only for final report):
15. The likely impact of the completed work on the scientific / technological potential in the country (This may be attached as Enclosures):
16. An abstract of R & D achievements in about 200-500 words suitable for publication in Jagriti:
17. No. of KVI units accruing the benefit of the project:
18. Additional job generated by these units:
19. Linkages established:
20. Innovative /knowledge based / technology oriented units Promoted:
21. Any other special features:
22. Photograph of the R&D unit:
(size:4" x 6")

Signature of Project Coordinator