**राष्ट्रीय कृषि-खाद्य जैव प्रौद्योगिकी संस्थान**

**NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE**

(जैव प्रौद्योगिकी विभाग, विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार)/(Department. of Biotechnology, Ministry of Science & Technology, Govt. of India)

नॉलेज सिटी, सेक्टर-81, मोहाली, पंजाब(भारत)-140306/Knowledge City, Sector-81, Mohali, Punjab (India)-140306

**विज्ञापन संख्या नाबी/प्रशासन/5(09)/2025-26/शैक्षणिक-06**

**अनुसंधान सहयोगी-1(02), परियोजना सहयोगी-1(01), कनिष्ठ अनुसंधान अध्येता(01) और वरिष्ठ अनुसंधान अध्येता(02) के अस्थाई पद के लिए प्रत्यक्ष/ऑनलाइन साक्षात्कार**

**Walk-in/Online Interview for the temporary Position of Research Associate-I(02), Project Associate-I(01), Junior Research Fellow(01) and Senior Research Fellow(02).**

**राष्ट्रीय कृषि-खाद्य जैवप्रौद्योगिकी संस्थान (नाबी), भारत सरकार के जैव प्रौद्योगिकी विभाग के अंतर्गत एक स्वायत्त संस्थान है। नाबी का उद्देश्य बेहतर घरेलू पोषण सुरक्षा प्रदान करने के लिए कृषि-खाद्य जैव प्रौद्योगिकी में नवाचारों पर आधारित मूल्यवर्धित उत्पादों की ओर ले जाने के लिए ज्ञान सृजन और अनुप्रयुक्त विज्ञान का एक नोडल संगठन होने के नाते भारत के कृषि-क्षेत्र में परिवर्तन को उत्प्रेरित करना है। 2010 में स्थापना के बाद से, नाबी जैविक सुदृढ़ीकरण, बेहतर पोषण के लिए डिज़ाइनर फसलों के विकास, गुणवत्तापूर्ण भोजन और पोषण के लिए स्थायी एवं नए समाधान प्रदान करने तथा कुपोषण से लड़ने के लिए साक्ष्य-आधारित कार्यात्मक खाद्य पदार्थों का विकास के लिए अनुसंधान गतिविधियों में कार्यरत है। नाबी में खाद्य और पोषण जैव प्रौद्योगिकी अनुभाग को अस्थायी आधार पर निम्नलिखित अनुसंधान कर्मियों की आवश्यकता है।**

National Agri-Food Biotechnology Institute (NABI) is an autonomous Institute under the Department of Biotechnology, Government of India. NABI aims at catalysing the transformation of the Agri-food sector in India by being a nodal organization for knowledge generation and translational science leading to value-added products based on Agri-Food biotech innovations for improved household nutritional security. Since its inception in 2010, NABI is involved in research activities for Bio-fortification, the development of designer crops for improved nutrition, providing sustainable and novel solutions for quality food and nutrition, and the development of evidence-based functional foods to counter malnutrition. The food and nutritional Biotechnology division at **NABI requires the following research personnel purely on a temporary basis.**

# Project Title:“PacBio Iso-seq analysis of male meiocytes and pollen grains of sorghum to elucidate heat stress-induced transcriptomic changes.”(NABI’s Core)

# Principle Investigator: Dr. Rita Sharma, Scientist-E

# Positions: Research Associate –I (One position)

# Duration: Initial appointment would be for 1 year (extendable to 2 years based on performance).

**Essential Qualification:** Ph.D. in any branch of life sciences/bioinformatics/computational biology (if the degree is awaited, proof for a provisional degree has to be submitted).

**Experience:** Demonstrated expertise in transcriptomics/proteomics/metabolomics/epigenomics/Pacbio sequencing data analysis, Plant Molecular biology with experience in plant tissue culture in crop plants, plant physiology and heat stress assays would be desirable.

**Emoluments:** Rs.58,000/-month + HRA, depending on years of experience. RA Emoluments and Eligibility conditions are as per DST OM: DST/PCPM/Z-06/2022 dated June 26, 2023.

**Age limit:** 40 years for RA.

**Contact Details:** Project Investigator: Dr. Rita Sharma, Scientist-E, NABI, India,

E-mail: rita.sh@nabi.res.in, contact no. +91 172 522 1252.

# Project Title:“Engineering methanol-free Pichia pastoris system for sustainable protein production.”(GAP-97)

# Principle Investigator: Dr. Sandeep Kumar, Scientist-C

# Positions: Project Associate I (One position)

# Duration: The Project Associate I is a purely temporary assignment and is tenable for a period of 3 years or the last date of the project, whichever is earlier.

**Essential Qualification:** Master's in Biotechnology/Microbiology/Life Science/Molecular Biology. The candidate should have qualified for any one of the national-level examinations (CSIR-UGC-NET or GATE). Additionally, candidates will be eligible for an interview if they have qualified for National Level examinations conducted by central government departments and their agencies and institutions.

**Desirable Experience:** Experience in molecular techniques, PCR, gel electrophoresis, gene editing, CRISPR Cas, microbial fermentation, and protein purification.

**Job profile:** The Project Associate I will work on strain engineering of Pichia pastoris, with a primary focus on developing methanol-free induction systems.

**Emoluments:** The Project Associate I will be hired with the emoluments of Rs. 37,000/- +HRA and Rs. 30,000/- +HRA (For Non-NET/GATE qualified candidates)

**Age limit:** The age limit of applicants for Project Associate I will be 35 years as on the date of the interview. (Relaxation is admissible in case of SC/ST/OBC/women as per the government of India instructions.

**Contact Details:** Project Investigator: Dr. Sandeep Kumar, Scientist-C, NABI, India

Email: kumarsandeep.sk@nabi.res.in, contact no. +91 172 522 1262.

# Project Title:“Investigating the role of prion-like proteins in plant stress and memory responses.”(NABI’s Core)

# Principle Investigator: Dr. Charanpreet Kaur, Scientist-D

# Positions: Junior Research Fellow (One position)

# Duration: The appointment will be initially for two years as JRF. Further up-gradation from JRF to SRF will be on the basis of the submission of progress report and further assessment.

**Essential Qualification:**

a) M.Sc./M.Tech in any area of life sciences or an equivalent degree.

b) 55% total marks or equivalent score in the qualifying degree (5% relaxation in marks will be given to SC/ST/OBC (non-creamy layer)/PWD as per GOI norms.

c) In addition to the above, candidates *must qualify a national-level test for pursuing the Doctor of Philosophy program*. Such tests include doctoral fellowship or admission eligibility tests conducted at the national level by recognized government agencies, such as the University Grants Commission (UGC), Council for Scientific and Industrial Research (CSIR), Indian Council for Medical Research (ICMR), Department of Science and Technology (DST) and Department of Biotechnology (DBT).

**Desirable Experience:** Candidates with experience in molecular biology techniques, rice transformation and plant physiology will be preferred.

**Emoluments:** 37000/-+HRA As per the OM, DST/PCPM/Z-06/2022 dated 26.06.2023.

**Age limit:** 28 years (Relaxation is admissible in the case of SC/ST/OBC/PD and women candidates as per GOI instructions).

**Contact Details:** Project Investigator: Dr. Charanpreet Kaur, Scientist-D, NABI, India

Email: charanpreet.k@nabi.res.in, contact no. +91 172 522 1248.

# Project Title:“Exploring genetic basis of multiple abiotic stress tolerance mechanism in rice.”(NABI’s Core)

# Principle Investigator: Dr. Rajeev Nayan Bahuguna, Scientist-D

# Positions: Research Associate –I (One position)

# Duration: The initial appointment will be for a period of one year. Extension will be subject to the submission of a progress report and a subsequent evaluation of the candidate’s performance.

**Essential Qualification:** PhD in Agriculture Biotechnology/ Life Science/ Plant Physiology/ Botany/ Biochemistry with at least two peer-reviewed research papers in science citation indexed (SCI) journal. Candidates who have already submitted their PhD thesis in above subjects will also be eligible (along with proof of submission), but will be hired at SRF level till they receive their degree. (Eligibility criteria as per DST OM No. DST/PCPM/Z06/2022 dated 26.06.2023)

**Desirable Experience:** Research experience in the area of Molecular Biology, Gene Function analysis, GWAS, Omics (GCMS, LCMS), Plant transformation with at least two peer-reviewed publication in SCI journal.

**Emoluments and eligibility:** Rs. 58000/- per month plus HRA for RA-1; Rs. 42000/- per month plus HRA for SRF (As per DST OM No. DST/PCPM/Z06/2022 dated 26.06.2023).

**Contact Details:** Project Investigator: Dr. Rajeev Nayan Bahuguna, Scientist-D, NABI, India

Email: rajeev.bahuguna@nic.in, contact no. +91 172 522 1202.

# Project Title:“Biocatalyst-assisted production of bioactive peptide-rich and lactose-free fermented milk product using indigenous native microorganisms.”(NABI Core)

# Principle Investigator: Dr. Amit Kumar Rai, Scientist-D

# Positions: Senior Research Fellow (One position)

# Duration: The Senior Research Fellowship (SRF) is a purely temporary assignment and is tenable for a period of 1 year only, and in exceptional cases, depending upon the progress of the research, the performance, the committee may extend for period on one year.

**Essential Qualification:**

A. Postgraduate degree in Microbiology/ Life Science/Biotechnology.

B. Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET, including Lectureship (Assistant Professorship), GATE and GPAT.

C. Two years of research experience and at least one research paper in science citation indexed (SCI) journal

**Desirable qualifications:**

1. Prior research experience demonstrated through publications in high-impact, peer-reviewed journals.
2. Hands-on experience in microbial fermentation, particularly involving native microbial strains for in situ production of biocatalysts.
3. Proficiency in chromatographic separation techniques, including HPLC and column chromatography, for analysis of fermentation products and bioactive compounds.

**Emoluments:** The SRF will be hired with the emoluments of Rs 42,000/month+ HRA as per the Govt. guidelines.

**Age limit:** The age limit of applicants for SRF will be 32 years as on date of interview. (Relaxation is admissible in case of SC/ST/OBC/women as per government of India instructions).

**Contact Details:** Project Investigator: Dr. Amit Kumar Rai, Scientist-D, Scientist-D, NABI, India

Email: amit.rai@nabi.res.in, contact no. +91 172 522 1266.

# Project Title:“Development of aptamer-based lateral flow assay for onsite detection of foodborne bacteria.”(NABI Core)

# Principle Investigator: Dr. Nitin Kumar Singhal, Scientist-F

# Positions: Senior Research Fellow (One position)

# Duration: The appointment will be earlier for 1 year and further extension to next year will be subject to submission of a progress report.

**Essential Qualification:**

1. Post Graduate Degree in Basic Science OR Graduate/Post Graduate Degree in professional course selected through a process described through any one of the following: -
2. Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET including Lectureship (Assistant Professorship) and GATE.
3. The selection process through National Level examinations conducted by central government departments and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.
4. Two years of research experience as JRF.

**Desirable qualifications:** The project envisages the development of an aptamer-based lateral flow assay for bacteria sensing. The candidate should be well-versed in aptamer synthesis, nanomaterial synthesis, biosensing.

**Emoluments:** Rs. 42,000/- per month plus HRA

**Age limit:** 32 Years (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instructions)

**Contact Details:** Project Investigator: Dr. Nitin Kumar Singhal, Scientist-F , NABI, India

Email: nitin@nabi.res.in, contact no. +91 172 522 1243.

**आवेदन प्रक्रिया और अन्य शर्तें**

**Application Procedure & Other Conditions**

1. सभी इच्छुक उम्मीदवार वेबसाइट www.nabi.res.in पर उपलब्ध विधिवत भरे हुए आवेदन पत्र के साथ **28.08.2025 को सुबह 09:00 बजे नॉलेज सिटी, सेक्टर-81, मोहाली, पंजाब (भारत)-140306** स्थित राष्ट्रीय कृषि-खाद्य जैव प्रौद्योगिकी संस्थान में प्रत्यक्ष साक्षात्कार के लिए उपस्थित हो सकते हैं।

All interested candidates may appear for Walk-In-Interview at **National Agri-Food Biotechnology Institute located at Knowledge city, Sector-81, Mohali, Punjab- 140306, on 28.08.2025 at 09:00 A.M.** along with the duly filled application form available on the website [**www.nabi.res.in**](http://www.nabi.res.in). (Phone No. 0172-5221245)

2. अपूर्ण आवेदन पत्र और उचित प्रारूप में न होने वाले आवेदनों को तुरंत अस्वीकार किया जा सकता है।

Incomplete application forms and applications that are not in proper format may be summarily rejected.

3. आवेदन पत्र निर्धारित प्रारूप के अनुसार ही प्रस्तुत किए जाने चाहिए, जिसे नाबी की वेबसाइट से डाउनलोड किया जा सकता है।

The applications should be submitted strictly as per the prescribed format that can be downloaded from the NABI website.

4. एक से अधिक पदों के लिए आवेदन करने वाले उम्मीदवार एक ही आवेदन फार्म में विभिन्न पदनाम लिखकर अपनी प्राथमिकता दे सकते हैं। प्रत्येक पद के लिए अलग से आवेदन पत्र जमा करने की आवश्यकता नहीं है।

Candidates applying for more than one post can give their preference by writing different designations in the same application form.

5. उम्मीदवारों को यह सुनिश्चित करना चाहिए कि आवेदन पत्र में उल्लिखित जानकारी सही है। एक बार आवेदन पत्र जमा हो जाने के बाद आवेदन पत्र में किसी भी परिवर्तन/जानकारी के संबंध में आगे कोई अनुरोध नहीं माना जाएगा।

Candidates should ensure that information mentioned in the application form is accurate. Once the application form is submitted no further request regarding any changes/ information in the application form will be considered.

6. विधिवत भरा हुआ आवेदन पत्र **28.08.2025 को प्रातः 09:00 बजे से प्रातः 10:00** बजे तक नाबी में पंजीकरण के समय जमा किया जाना चाहिए।

The duly filled application form must be submitted at the time of registration at NABI from **09:00 AM to 10:00 AM on 28.08.2025**.

7. उम्मीदवारों को आवेदन करने से पहले अपनी पात्रता सुनिश्चित करनी चाहिए, क्योंकि अयोग्य उम्मीदवारों का साक्षात्कार नहीं लिया जाएगा।

The candidates must ascertain their eligibility before applying, as ineligible candidates will not be interviewed.

8. सभी उम्मीदवारों से **आवेदन पत्र, अनुभव प्रमाण पत्र, प्रकाशन और मूल डिग्री प्रमाण पत्र और प्रतिलेख** के साथ प्रत्यक्ष साक्षात्कार के लिए उपस्थित होने का अनुरोध किया जाता है।

All the candidates are requested to appear for a Walk-In interview with an **application form, experience certificates, publications, and original degree certificates and transcripts**.

9. साक्षात्कार के समय सत्यापन के लिए **मूल मार्कशीट, प्रमाण-पत्र, पुरस्कार/फैलोशिप आदि अवश्य साथ लेकर आएँ और आवेदन पत्र के साथ दस्तावेजों की सत्यापित प्रतियों का एक सेट** संलग्न करें।

**Original mark sheets, certificates, award/fellowship, etc** must be accomplished for verification at the time of the interview and attach **one set of attested copies of the documents** with the application form.

10. साक्षात्कार में उपस्थित होने के लिए कोई टीए/डीए नहीं दिया जाएगा।

No TA/DA will be paid for appearing in the interview.

11. किसी भी प्रकार से पक्ष की माँग करने या राजनीतिक अथवा अन्य प्रभाव डालने का परिणाम

उम्मीदवार(ओं) को अयोग्य घोषित करना होगा।

Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate(s).

12. उम्मीदवारों को कोविड-19 पर विश्व स्वास्थ्य संगठन और केंद्र सरकार/राज्य सरकार द्वारा जारी दिशा-निर्देशों का सख्ती से पालन करना चाहिए।

Candidates should strictly adhere to guidelines issued by World Health Organization and Centre Govt/State Govt on Covid-19.

13. विशेष परिस्थितियों में, उम्मीदवार परियोजना अन्वेषक से (ईमेल के माध्यम से) ऑनलाइन साक्षात्कार करवाने का अनुरोध कर सकते हैं। ऐसे अनुरोधों को पहले से ही प्रस्तुत किया जाना चाहिए, अधिमानतः निर्धारित साक्षात्कार तिथि से कम से कम एक सप्ताह पहले। हालाँकि, अंतिम निर्णय चयन समिति द्वारा विशेष परिस्थितियों का पता लगाने और उम्मीदवार (उम्मीदवारों) को ऑनलाइन साक्षात्कार के लिए अनुमति देने पर लिया जाएगा। संस्थान ऑनलाइन/ऑफ़लाइन माध्यम से साक्षात्कार आयोजित करने का अधिकार सुरक्षित रखता है।

In the event of special circumstances, candidates may request the project investigator (via email) to conduct their interviews online. Such requests must be submitted well in advance, preferably at least one week prior to the scheduled interview date. However, the final decision will be taken by the selection committee to ascertain the special circumstances and allow the candidate (s) for an online interview. The Institute reserves the right to conduct the interview in online/offline mode.

14. साक्षात्कार के परिणाम एनएबीआई वेबसाइट पर प्रकाशित किए जाएंगे।

Interview results will be published on the NABI website.

**नोटः साक्षात्कार की तिथि से कम से कम दो सप्ताह पहले पीआई से ऑनलाइन साक्षात्कार के लिए अनुरोध किया जा सकता है तथा इसके लिए वैध कारण भी बताना होगा।**

**Note: Permission for online interview may be sought from the PI at least one week prior to the interview date and a valid reason must be given for the same.**

**(प्रबंधक प्रशासन)**

**(Manager Administration)**

**राष्ट्रीय कृषि-खाद्य जैव प्रौद्योगिकी संस्थान**

**NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE**

(जैव प्रौद्योगिकी विभाग, विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार)/(Department. of Biotechnology, Ministry of Science & Technology, Govt. of India)

नॉलेज सिटी, सेक्टर-81, मोहाली, पंजाब(भारत)-140306/Knowledge City, Sector-81, Mohali, Punjab (India)-140306

आवेदन फार्म

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| --- | --- |
| पदनाम  (विज्ञापन में वर्णित अनुसार) | परियोजना शीर्षक की क्रमांक संख्या  (विज्ञापन में वर्णित अनुसार) |
|  |  |

नवीनतम पासपोर्ट आकार की स्वयं सत्यापित फोटोग्राफ चिपकाए। हस्ताक्षर फोटो में चेहरे के ऊपर से करें, जोकि आधा भाग आवेदन फार्म पर और अन्य आधा भाग फोटो पर आएं।

01. उम्मीद्वार का नाम(बड़े अक्षरों में):

02. पिता/पति का नाम:

03. माता का नाम:

04. जन्मतिथि:

05. दिनांक **28.08.2025 को आयुः वर्ष ............... माह ............. दिन .............**

06. लिंग: 07.विवाहित/अविवाहित:

08. पता:

स्थाई :

पत्राचार:

09. मोबाईल नंबर व ई-मेल आईडी :

10. राष्ट्रीयता:

11. श्रेणी एसी/एसटी/ओबीसी/जनरल:

12. जेआरएफ/एलएस/गेट परीक्षा परीक्षा का नाम:

(यदि कोई है) उत्तीर्ण वर्ष:

रोलनंबर:

13. शैक्षिक योग्यताएँ :(एसएससी/दसवीं से आरंभ करें)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| क्र.स. | परीक्षा का नाम | विषय (विशेषज्ञता) | बोर्ड/कॉलेज/युनिवर्सिटी का नाम | उत्तीर्ण वर्ष | प्रतिशत/ग्रेड/सीजीपीए |
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| 3. |  |  |  |  |  |
| 4. |  |  |  |  |  |
| 5. |  |  |  |  |  |
| 6. |  |  |  |  |  |

14. अनुसंधान अनुभव/प्रशिक्षण:

15. प्रकाशन/प्रेजेंटेशन:

16. अवार्ड एवं फैलोशिप, यदि कोई है:

18. तीन रेफरी का नाम, पदनाम एवं संपर्क विवरण(ईमेल और फोन नंबर सहित):

i.

ii.

iii.

19. साक्षात्कार के समय सत्यापन के लिए मूल मार्कशीट, प्रमाण पत्र, पुरस्कार/फेलोशिप आदि प्रस्तुत करना होगा तथा आवेदन पत्र के साथ दस्तावेजों की सत्यापित प्रतियों का एक सेट संलग्न करना होगा।

मैं एतद्द्वारा घोषणा करता हूँ कि उपरोक्त प्रस्तुतिकरण सत्य हैं तथा मेरे सर्वोत्तम ज्ञान और विश्वास के अनुसार हैं और इसमें कोई भी महत्वपूर्ण तथ्य नहीं छिपाया गया है। यदि उपरोक्त में से कोई भी बाद में गलत/असत्य पाया जाता है तो मेरी नौकरी स्वतः ही समाप्त हो जाएगी।

तिथि:

उम्मीद्वार के हस्ताक्षर

स्थान:

**राष्ट्रीय कृषि-खाद्य जैव प्रौद्योगिकी संस्थान**

**NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE**

(जैव प्रौद्योगिकी विभाग, विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार)/(Department. of Biotechnology, Ministry of Science & Technology, Govt. of India)

नॉलेज सिटी, सेक्टर-81, मोहाली, पंजाब(भारत)-140306/Knowledge City, Sector-81, Mohali, Punjab (India)-140306

**Application Form**

|  |  |
| --- | --- |
| **Name of the Position**  **(as mention in the Advertisment)** | **Serial number of Project title**  **(as mention in the Advertisment)** |
|  |  |

Paste recent passport size self-attested photograph. The signatures should be across the face of the photo so that half of them are on the application and the other half on the photo

01. Name of the candidate (CAPITAL):

02. Father/husband’s name:

03. Mother’s name:

04. Date of birth:

05. Age as on **28-08-2025 YY MM DD**

06. Sex: 07.Married /Unmarried:

08. Address:

Permanent:

Correspondence:

09. Mobile No. & E-mail address:

10. Nationality:

11. Category SC/ST/OBC/General:

12. Details of JRF/LS/ GATE examination Exam name:

(If any) Year of passing:

Roll no.:

13. Educational qualification: (Starting from SSC/matriculation onwards)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of the Exam | Subjects (with specialization) | Name of the  Board/College/University | Year of Passing | %  Grade/CGPA |
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| 3. |  |  |  |  |  |
| 4. |  |  |  |  |  |
| 5. |  |  |  |  |  |
| 6. |  |  |  |  |  |

14. Research experience/training:

15. Publication/Presentations:

16. Award & Fellowship, if any:

18. Name, designation with contact details (including email and phone no.) of three referees:

i.

ii.

iii.

19. Original mark sheets, certificates, award/fellowship, etc must be accomplished for verification at the time for interview and attach one set of attested copies of the documents with the application form.

I hereby declare that the above submissions are true and to the best of my knowledge and belief and nothing material has been concealed therein. In case any of the above are subsequently found false/untrue my employment shall stand terminated automatically.

Date:

Signature of the candidate

Place: