



राष्ट्रीय कृषि-खाद्य एवं जैवविनिर्माण संस्थान

NATIONAL AGRI-FOOD AND BIOMANUFACTURING INSTITUTE

(Formerly National Agri-Food Biotechnology Institute & Centre of Innovative and applied Bioprocessing)

(Deptt. of Biotechnology, Ministry of Science & Technology, Govt. Of India)

Knowledge City, Sector-81, Mohali

विज्ञापन संख्या नाबी/परियोजना पद/2025(3)

Advertisement No. NABI/Project Positions/2025(3)

रोलिंग विज्ञापन - परियोजना पदों के लिए ऑनलाइन आवेदन आमंत्रित किये जाते हैं

Rolling Advertisement-Online Applications are invited for project positions

BRIC-National Agri-Food and Biomanufacturing Institute (formerly National Agri-Food Biotechnology Institute & Centre of Innovative and applied Bioprocessing) 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. 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 agri-food and nutritional biotechnology and biomanufacturing division at BRIC NABI requires the following personnel purely on a temporary basis under the project entitled BRIC-NABI Biomanufacturing Center “Agri-Food Bio-Mug” for a period of two years or till the completion of project whichever is earlier. The project is on setting up an integrated pilot plant facility (up to 1000 Litre processing capacity) for bioprocessing of agricultural waste biomass (lignocellulose), microbial source, and industrial waste into biochemicals and high-value commercial products (bio-colorant, bio-pesticide, smart protein, low-calorie sweetener, enzymes, etc.). Furthermore, the biomanufacturing plant setup is a DCS/SCADA automated process system consisting of batch and/or continuous aerobic fermentation, product downstream (centrifugation, filtration, drying) and packaging operations. The process also includes the lignocellulosic biomass chemical pre-treatment and disintegration to biomass-derived biochemicals.

Details of the Posts

| <u>Position</u> | <u>Essential qualification</u> | <u>Desirable qualification</u> | <u>Age limit (Years)</u> * | <u>Job responsibilities</u> |
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| <u>Project Manager (Administration)</u> Consolidated salary: ₹ 60,000 pm for 1 st year ₹ 62,500 pm for 2 nd year No. of Position: 1 Post Code-250601 | Master degree in any discipline from a recognized University with five years of relevant experience in academia/industry or Bachelor degree in any discipline from a recognized university with seven years of relevant experience in academia/industry. | Post graduate degree in Management/ PGDM/PGDBA | 45 | Administrative control of the biofoundry hub etc. |
| <u>Project Manager (Finance)</u> Consolidated salary: ₹ 60,000 pm for 1 st year ₹ 62,500 pm for 2 nd year No. of Position: 1 Post Code-250602 | Master degree in Commerce/ MBA (Finance) or equivalent from a recognized University with five years of relevant experience in Academia/ Industries. or Bachelor degree in Commerce or equivalent from a recognized University with seven years of relevant experience in academia/ industry. | Post graduate degree in finance/PGDM/ PGDBA (Finance) | 45 | Handling biofoundry hub financial matters; collect fees from industries for using the facility and for technology licensing etc. |

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| <u>Technical Officer- II (Plant)</u> Consolidated salary: ₹ 80,000 pm for 1 st year ₹ 88,000 pm for 2 nd year No. of Position: 2 Post Code-250603 | Master's Degree in Engineering or Technology in a relevant area from recognized University/Institute plus 2 years of experience in the relevant field or Bachelor Degree in Engineering or Technology in a relevant area from recognized University/Institute plus 5 years' experience in the relevant field. | Graduate in Biotechnology/ Bioprocessing/ Biochemical Engineering/related area specialization | 35 | Assisting in pilot plant processing in R&D, scale up and down-streaming divisions. |
| <u>Technical Officer-I (Plant)</u> Consolidated salary: ₹ 60,000 pm for 1 st year ₹ 66,000 pm for 2 nd year No. of Position: 4 Post Code-250604 | Master's Degree in Engineering or Technology in a relevant area from recognized University/Institute plus 1 year of experience in the relevant field or Bachelor Degree in Engineering or Technology in a relevant area from recognized University/Institute plus 3 years' experience in the relevant field. | Graduate in Biotechnology/ Bioprocessing/ Biochemical Engineering/related area specialization | 30 | Junior pilot plant specialist in R&D, scale up and down-streaming divisions. |
| <u>Project Scientist - I (Plant)</u> Salary: ₹ 77,000 pm plus 18% HRA No. of Position: 1 Post Code-250605 | PhD in Science/Engineering/Technology or Master's Degree in Engineering or Technology from recognized university/institute | Specialization in Biotechnology/ Bioprocessing/ Biochemical Engineering/ Chemical Engineering/ Biochemistry/ Chemistry or relevant area with two years' experience | 40 | Plant operation in the areas of upstream, downstream, cleaning, packaging, etc. |

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| <u>Project Scientist - II (Plant)</u> Salary: ₹ 92,000 pm plus 18% HRA No. of Position: 1 Post Code-250606 | PhD in Science/Engineering /Technology <u>Or</u> Master's Degree in Engineering/ Technology from recognized university/institute and three years of R&D experience from industry/academia/S&T Organizations | Specialization in Biotechnology/ Bioprocessing/ Biochemical Engineering/ Chemical Engineering/ Biochemistry/ Chemistry or relevant area. | 40 | Maintenance lead and pilot plant operator |
| <u>Project Manager (Communications)</u> Consolidated salary: ₹ 60,000 pm for 1 st year ₹ 62,500 pm for 2 nd year No. of Position: 1 Post Code-250607 | Master degree in Mass Communication/Journalism from a recognized university <u>or</u> equivalent Bachelor degree with four years of relevant experience in Academia/ Industry/ Government Sectors. | Specialization in public relation | 35 | Public relation activity, communicate with industry as well as funding agency on regular basis plus improve visibility of the biofoundry. Product commercialization and advertising. |
| <u>Research Associate - I (Plant)</u> Salary: ₹ 58,000 pm plus 18% HRA for 1 st year ₹ 61,000 pm plus 18% HRA for 2 nd year No. of Position: 5 Post Code-250608 | PhD in Science/Engineering/ Technology or Master's Degree in Engineering or Technology from recognized university/institute plus 3 years of experience in R&D with at least one research paper in SCI journal | Specialization in Biotechnology/ Bioprocessing/ Biochemical Engineering/ Chemical Engineering/ Biochemistry/ Chemistry/ Bioinformatics/Computational Biology or relevant area. | 40 | Assist in Research & Development and running the facility (pilot plant equipment in three shifts) in the areas of upstream processing, downstream processing, cleaning and packaging, etc. |

| <u>Sr. No.</u> | <u>While submitting the online application for the position of Research Associate-I (Plant) under the Biofoundry Hub, BRIC NABI, candidates must specify their preferred order of the research areas mentioned below.</u> |
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| 1. | Scale-up of low-calorie sugars/microbial products with techno-commercial precision. |
| 2. | Production of smart/plant-based proteins for food applications. |
| 3. | Computational Biology based smart protein innovation for alternative protein development |
| 4. | Agri-waste-based crop protectants |
| 5. | Agri-waste-based packaging and coating materials |
| 6. | Agri biomass-derived levulinic acid for fuel and pharma applications |
| 7. | Heterologous bacterial expression of industrially important enzymes-from lab to pilot scale |
| 8. | Sustainable enzyme production and process engineering for pilot-scale development |
| 9. | Microbial colorants manufacturing and its commercial validation |

Duration of project: - 02 Years or till the completion of the project whichever is earlier.

*Age relaxation as per the Department of Science and Technology (DST) norms.

आवेदन प्रक्रिया और अन्य शर्तें
Application Procedure & Other Conditions

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| 1. | एनएबीआई ने परियोजना पदों को भरने के लिए केवल भारतीय नागरिकों से ऑनलाइन आवेदन आमंत्रित किए हैं। NABI invites online applications from only Indian Citizens for filling up project positions |
| 2. | आवेदन पत्र निर्धारित प्रारूप के अनुसार ही प्रस्तुत किए जाने चाहिए। The applications should be submitted strictly as per the prescribed format. |
| 3. | 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. |
| 4. | एक से अधिक पदों के लिए आवेदन करने वाले अभ्यर्थियों को प्रत्येक पद के लिए अलग-अलग आवेदन प्रस्तुत करना होगा। Candidates applying for more than one position are required to submit a separate application for each. |
| 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. | आयु, अनुभव और योग्यता निर्धारित करने की कट-ऑफ तिथि आवेदन जमा करने की अंतिम तिथि होगी: पहले बैच के लिए 05 जुलाई, 2025 और दूसरे बैच के लिए 31 जुलाई, 2025। The cut-off date for determining age, experience, and qualifications will be the last date of application submission: July 05, 2025, for the first batch, and July 31, 2025, for the second batch. |
| 7. | ऑनलाइन आवेदनों की स्क्रीनिंग दो चरणों में की जाएगी। 05 जुलाई, 2025 तक जमा किए गए आवेदनों पर पहले चरण में विचार किया जाएगा, जबकि 31 जुलाई, 2025 तक प्राप्त आवेदनों को दूसरे चरण में शामिल किया जाएगा। The screening of online applications will be conducted in two rounds. Applications submitted by July 05, 2025, will be considered in the first round, while those received by July 31, 2025, will be included in the second round. |
| 8. | # उपर्युक्त पदों के लिए दूसरे चरण में प्राप्त आवेदनों पर तभी विचार किया जाएगा जब चयन के पहले चरण के बाद रिक्तियां शेष रह जाएं। इसलिए, साक्षात्कार के लिए किसी भी दावे या अनुरोध पर किसी भी तरह से विचार नहीं किया जाएगा। # Applications received in the second round for the above-mentioned positions will be considered only if vacancies remain after the first round of selection. Therefore, no claims or requests for interviews will be entertained by any means. |

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| 9. | उम्मीदवारों को आवेदन करने से पहले अपनी पात्रता अवश्य सुनिश्चित कर लेनी चाहिए, क्योंकि अयोग्य अभ्यर्थियों पर विचार नहीं किया जाएगा। The candidates must ascertain their eligibility before applying, as ineligible candidates will not be entertained. |
| 10. | केवल शैक्षणिक योग्यता और अनुभव की पूर्ति से ही उम्मीदवार को साक्षात्कार के लिए बुलाए जाने का अधिकार नहीं मिल जाता। विधिवत गठित स्क्रीनिंग कमेटी उम्मीदवारों को शॉर्टलिस्ट करने के लिए अपने मानदंड अपनाएगी। इसलिए उम्मीदवारों को आवेदन में न्यूनतम निर्धारित योग्यता के अलावा संबंधित क्षेत्र में सभी योग्यताएं और अनुभव का उल्लेख करना चाहिए। Mere fulfilment of educational qualifications and experience does not entitle a candidate to be called for Interview. The duly constituted Screening Committee will adopt its criteria for short-listing the candidates. The candidates should therefore, mention in the application all the qualifications and experience in the relevant area over and above the minimum prescribed qualification. |
| 11. | केवल चयनित अभ्यर्थियों को ही साक्षात्कार के लिए बुलाया जाएगा तथा इस संबंध में सूचना वेबसाइट पर अपलोड कर दी जाएगी। Only shortlisted candidates will be called for interview and Information will be uploaded on website in this regard. |
| 12. | साक्षात्कार के समय सत्यापन के लिए मूल मार्कशीट, प्रमाण-पत्र, पुरस्कार/फेलोशिप आदि अवश्य साथ लेकर आएँ । Original mark sheets, certificates, award/fellowship, etc must be accomplished for verification at the time of the interview. |
| 13. | ये पद पूर्णतः अस्थायी हैं तथा परियोजना पूरी होने पर समाप्त हो जाएंगे। इसके बाद उम्मीदवारों को नियमित या स्थायी रोजगार का कोई दावा नहीं करना होगा। The positions are strictly temporary and will terminate upon the completion of the project. Candidates shall have no claim to regular or permanent employment thereafter. |
| 14. | उपरोक्त में उल्लिखित अनुभव की आवश्यकता उस अनुभव को संदर्भित करती है जो न्यूनतम शैक्षिक योग्यताएँ प्राप्त करने के बाद प्राप्त किया गया हो। The experience requirement specified above shall be the experience acquired after obtaining the minimum educational qualifications specified for the post. |
| 15. | अंतरिम पूछताछ पर विचार नहीं किया जाएगा। Interim enquiries will not be entertained. |
| 16. | साक्षात्कार में उपस्थित होने के लिए कोई टीए/डीए नहीं दिया जाएगा। No TA/DA will be paid for appearing in the interview. |
| 17. | 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). |

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| 18. | साक्षात्कार के परिणाम एनएबीआई वेबसाइट पर प्रकाशित किए जाएंगे। Interview results will be published on the NABI website. |
| 19. | भविष्य में यदि कोई संशोधन होता है, तो वह केवल NABI की वेबसाइट पर प्रकाशित किया जाएगा। Amendment if any in future will be published on NABI website only |

How to apply: -

The eligible candidates shall apply through online mode, and the link will be available in <http://recruitment.nabi.res.in/nabiPPT/login> and also upload the supporting documents as per the given format. Applications received in any mode other than online will not be accepted.

The following important dates may be noted:

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| 1. | Start date for online submission of Application Form | 20 th June 2025 | The screening of online applications will be conducted in two rounds. Applications submitted by July 05, 2025, will be considered in the first round, while those received by July 31, 2025, will be included in the second round. |
| 2. | Last date for submission of online Application Form | 31 st July 2025 till 5:00 PM | # Applications received in the second round for the above-mentioned positions will be considered only if vacancies remain after the first round of selection. Therefore, no claims or requests for interviews will be entertained by any means. |

It is advised to keep the following scanned documents ready before filling out the online application form

(It is suggested to scan the documents from your originals. The documents should be uploaded at appropriate places)

- 1) Photograph
- 2) Signature
- 3) Proof of date of birth
- 4) Certificates for the educational qualifications.
- 5) Experience Certificates
- 6) Category certificate, if any
- 7) Any other information

If any technical assistance is required with regard to the submission of the application, the candidate may contact the ICT team through techasstnabi@gmail.com

If there is any Corrigendum/ Amendments in the advertisement, it shall be published on institute website only. Before applying, candidates may refer to the NABI website.

To know more about 'National Agri-Food and Biomanufacturing Institute, kindly visit our website www.nabi.res.in

(प्रबंधक प्रशासन)
(Manager Administration)