



# सी.एस.आई.आर.–राष्ट्रीय वनस्पति अनुसंधान संस्थान CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE



राणा प्रताप मार्ग, लखनऊ-226001

Rana Pratap Marg, Lucknow-226001

विज्ञापन सं. 14 / प्रोजेक्ट / 2024

## ADVERTISEMENT No. : 14/Project/2024

सीएसआईआर-राष्ट्रीय वनस्पति अनुसंधान संस्थान, लखनऊ, वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् (सीएसआईआर) की एक घटक प्रयोगशाला है। सीएसआईआर-रा.व.अ.सं. पादप विज्ञान के महत्वपूर्ण क्षेत्रों में बेसिक तथा अप्लाइड अनुसंधान करता है।

CSIR- National Botanical Research Institute (NBRI), Lucknow is a constituent laboratory of Council of Scientific & Industrial Research (CSIR). CSIR-NBRI undertakes basic and applied research in important areas of plant sciences.

सीएसआईआर-एनबीआरआई में प्रायोजित परियोजनाओं के तहत निम्नलिखित क्षेत्रों में विशुद्ध रूप से अस्थायी पदों के लिए पात्र और इच्छुक उम्मीदवारों को साक्षात्कार के लिए आमंत्रित किया जाता है :

Eligible & interested candidates are invited for interview for the purely temporary positions in the following areas under the sponsored projects tenable at CSIR-NBRI :

### Area – I : Molecular Biology & Biotechnology :

Sl. No	Name of Position	Essential Qualification	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Project Associate-II (PAT-II)	M.Sc. in Botany / Biotechnology / M.Sc. (Ag.) alongwith 02 years R&D experience in relevant area.	Experience in Plant Tissue Culture	35 years	Rs.28000 + HRA p.m.*	Micropropagation of Lotus Variety "Namoh 108" ( <i>Nelumbo nucifera</i> ) (FTT 020508)	01
2.	Project Associate-II (PAT-II)	M.Sc. in Botany / Biotechnology / Agriculture alongwith 02 years R&D experience.	Experience in Molecular Biology	35 years	Rs. 28000/- + HRA per month*	Characterizing arsenic-responsive miRNAs in spinach for establishing molecular of arsenic accumulation and stress. (IHP240002)	01
3.	Project Associate-I (PAT-I)	M.Sc. in Botany / Plant Sciences / Life Sciences / Biotechnology / Biochemistry / Plant Molecular Biology	Experience in Plant Molecular Biology techniques & Genomics	35 years	Rs.25000 + HRA p.m. *	Exploring brassinosteroid-mediated mechanism of plant growth and adaptation under elevated CO <sub>2</sub> conditions (GAP-3525)	01
4.	Project Associate-II	M.Sc. in Botany / Biotechnology / Biochemistry / Life Sciences alongwith 02 years R&D Experience in relevant area or B.Tech in Computer Science / Bioinformatics or equivalent alongwith 02 years R&D Experience in relevant area.	Experience in molecular biology / Plant Tissue culture techniques	35 years	(i) 35,000/- p.m. + HRA to scholars who are selected through (a) National Eligibility tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 28,000/-+HRA for others who do not fall under above (i)	Genome editing for crop improvement (GE-Crop) (MMP025301)	01

\* As per sanction in the project.

**Area – II : Pharmacognosy, Phytochemistry & Product Development :**

Sl. No	Name of Position	Essential Qualification	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Project Associate-II (PAT-II)	M.Sc. in Chemistry / Organic Chemistry / Pharmaceutical Chemistry / Analytical Chemistry / Biochemistry / B.Pharma alongwith 02 years R&D experience in relevant area.	Experience in extraction and isolation processes and knowledge of analytical instruments	35 years	Rs.28000 + HRA p.m.*	CRM 2-Candidate Indian Certified Reference Materials (CRMs) / Bhartiya Nirdeshak Dravya (BND) of Phyto & Aroma Chemicals for Quality and Safety Assessment of Derived Products (FTT 020503)	01
2.	Project Associate-I (PAT-I)	M.Sc. in Botany / Chemistry / Biochemistry / Biotechnology / Microbiology / Bioinformatics or M.Pharma.	Knowledge of secondary metabolites in medicinal plants.	35 years	(i) 31,000/- p.m. + HRA to scholars who are selected through (a) National Eligibility tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 25,000/-+HRA for others who do not fall under above (i)	Biotechnological Interventions for Management of Protected Areas (GAP-3519)	02
3.	Project Associate-I (PAT-I)	M.Sc. in Chemistry / Polymer Chemistry / Pharmaceutical Chemistry / Medicinal Chemistry / Analytical Chemistry / Biochemistry	Knowledge / experience of extraction and isolation processes, characterization, formulations and handling of instruments.	35 years	(i) 31,000/- p.m. + HRA to scholars who are selected through (a) National Eligibility tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 25,000/-+HRA for others who do not fall under above (i)	Sustainable Packaging solutions for Net Zero Future (MMP035202)	01

\* As per sanction in the project.

**Area – III : Plant Ecology & Environment Technologies :**

Sl. No	Name of Position	Essential Qualification	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Junior Research Assistant-I*	First class Graduation & Post Graduation in Botany / Plant Sciences / Environmental Science / Chemistry / Applied Chemistry	Preference may be given to the candidate having NET/GATE or at least one year of research experience in the relevant area and basic computer skill.	28 years as on 01-04-2024*	Rs. 25,000/- p.m. consolidated*	To study the role of phosphate, aquaporin and NRAMP transporters on arsenic accumulation in Kalanamk rice. (GAP-3529)	01
2.	Project Associate-I (PAT-I)	M.Sc. in Botany / Plant Science / Environmental Science / Plant Ecology / Biochemistry / Forestry / Biotechnology	Knowledge in ecological sampling methods and niche modelling and quantification of various ecosystem services. Experience in plant tissue culture technique.	35 years	(i) 31,000/- p.m. + HRA to scholars who are selected through (a) National Eligibility tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 25,000/-+HRA for others who do not fall under above (i)	Biotechnological Interventions for Management of Protected Areas (GAP-3519)	01

\* As per sanction in the project.

**Area –IV : Botanical Garden, Plant Conservation & Agrotechnologies :**

Sl. No	Name of Position	Essential Qualification	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Project Associate-II (PAT-II)	M.Sc. in Biotechnology / Microbiology / Plant Science / Biochemistry alongwith 02 years R&D experience in the relevant area.	Working experience in tissue culture of plants, molecular biology & microbiology	35 years	(i) 35,000/- p.m. + HRA to scholars who are selected through (a) National Eligibility tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 28,000/-+HRA for others who do not fall under above (i)	Propagation of new dwarf cultivars of Neem with early maturity and higher limonoids yield (CLP 2905)	01
2.	Project Associate-I (PAT-I)	M.Sc. in Botany / Plant Sciences / Life Sciences	Experience in field work, extension activities, good communication and computer skills	35 years	Rs.25000 p.m. + HRA*	Integrated Aromatic Flori Village for livelihood enhancement (CLP9001)	01

\* As per sanction in the project.

**Area –V : Plant Genetics Resources & Improvement :**

Sl. No	Name of Position	Essential Qualification	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Senior Project Associate (Senior PAT)	M.Sc. in Botany / Chemistry / Biochemistry / Genetics / Plant Breeding or M.Sc. (Ag.) in Genetics & Plant Breeding / Genetics / Agriculture alongwith 03 years R&D experience in relevant area.	Handling of HPLC analysis, experience in plant breeding and knowledge of secondary metabolites.	40 years	Rs. 42,000/- + HRA	Development of low THC fibre line(s) in Cannabis through recurrent selection based breeding strategy for industrial purposes (SSP2907)	01
2.	Project Associate-I (PAT-I)	M.Sc. in Botany / Chemistry / Biochemistry / Genetics / Plant Breeding or M.Sc. (Ag.) in Genetics & Plant Breeding / Genetics / Agriculture	Experience in Plant Breeding and handling of HPLC/UHPLC analysis of metabolite. Basic knowledge of statistical data analysis.	35 years	Rs.25000 p.m. (consolidated)*	Development of low THC fibre line(s) in Cannabis through recurrent selection based breeding strategy for industrial purposes (SSP2907)	01
3.	Scientific Administrative Assistant / Field Assistant*	Graduate / Diploma in any discipline	Preference will be given to a candidate with experience in the experimental field / lab management / scientific administrative work	50 years	Rs.15000 p.m. (consolidated)*	Development of low THC fibre line(s) in Cannabis through recurrent selection based breeding strategy for industrial purposes (SSP2907)	01

\* As per sanction in the project.

<b>Date &amp; Venue of Interview</b>	<b>Date :</b> Area-I : 21-10-2024 (11:00 AM) Area-II : 23-10-2024 (11:00 AM) Area-III : 24-10-2024 (11:00 AM) Area-IV : 25-10-2024 (11:00 AM) Area-V : 25-10-2024 (03:00 PM)  <b>Venue :</b> K.N. Kaul Block, CSIR-NBRI, Rana Pratap Marg, Lucknow.
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**TERMS & CONDITIONS :****HRA will be admissible as per sanction of the projects.**

- a) The Application form will be provided at the venue on the date. However, candidates may download the application form in advance from the website [www.nbri.res.in](http://www.nbri.res.in). At the time of interview candidates should bring one latest photograph, original documents along with self-attested copy of certificates of examinations passed (starting from matriculation), certificate indicating date of birth and experience certificate, etc. Tentative mark sheets/certificates and '**result awaited**' will not be considered. All eligible candidates are requested to be present at the venue on the said date **one hour before** the scheduled time for necessary documents verification etc.
- b) **Mode of Selection: Through Interview.** However, if large number of candidates turn up, a Screening test comprising of multiple-choice objective questions may be held for short listing the candidates for interview. The shortlisted candidates will be interviewed by the Selection Committee and, based on the performance in the interview; a panel of recommended candidates will be formed. The panel shall be utilized as and when the requirement arises in the projects in the relevant field/area. Candidates have the option to interact in Hindi/English before the committee. In case of turning up of large no. of candidates, interview may continue for next day.
- c) The appointment of the selected candidates in the CSIR/externally funded project will be co-terminus with the project subject to his/her satisfactory progress, receipt of the funds from CSIR and other extant rules/ conditions/instructions issued by CSIR/GoI/Other Authorities from time to time. The total tenure of the project staff in projects in CSIR should not exceed 06 years. However, the project personnel shall be allowed to continue beyond 6 years only in case of contract/consultancy/sponsored projects funded by PSUs, Industries, Start-ups and Individual entrepreneurs, that are of 12 months or less duration. In such an even, the total period of engagement of any project personnel under one project and/or combination of different projects, either in the same laboratory and/or different laboratories of CSIR, cumulatively taken together shall not exceed 07 years.
- d) In case of Universities/Institutes awarding CGPA/SGPA/OGPA Grades etc., candidates are requested to convert the same into percentage based on the formula as per their University/Institute.
- e) Candidates applying for Project No.GAP-3529 must be the resident of Uttar Pradesh.
- f) Candidates applying for Project No.CLP-9001 may also appear before Selection Committee through online mode, with prior information, for which willing candidate(s) has to submit duly filled application form alongwith relevant documents at [coa@nbri.res.in](mailto:coa@nbri.res.in) 03 days prior to the date of interview.
- g) The relaxation in the age limit for the candidates belonging to the category of SC/ST/PwBD/ Women and the category of OBC shall be 05 years and 03 years respectively.
- h) The period of experience in a discipline / area of work, wherever prescribed shall be counted after the date of acquiring the minimum prescribed educational qualifications prescribed for that grade.
- i) In case of large number of candidates turn up for the interview, there is a possibility that interviews may continue till late in the evening or the next day also. Therefore, candidates are requested to make their travel plans accordingly.
- j) Number of position(s) may vary at the time of selection.

- k) Director, CSIR-NBRI reserves the right to cancel/modify the vacancy/recruitment/selection process, if the need arises, without issuing any further notice or assigning any reason thereof.
- l) **Canvassing in any form and / or bringing any influence political or otherwise will be treated as disqualification for the post.**
- m) In case, it is detected at any point of time in future, even after engagement, that the candidate was not eligible, engagement of the candidate shall be liable to termination forthwith as per this clause.
- n) To avoid any inconvenience, only those candidates who strictly fulfill the eligibility criteria and possess the degree/mark sheet in the aforesaid subjects should turn up for walk in interview.

**- NO INTERIM QUERIES WILL BE ENTERTAINED.**

**- NO TA/DA WILL BE ADMISSIBLE.**

प्रशासन नियंत्रक / **Controller of Administration**