

# CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE

Rana Pratap Marg, Lucknow-226001

## WALK IN INTERVIEW No. 05/Project/2022

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 : Plant Diversity, Systematics & Herbarium :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Junior Research Assistant	First Class Graduation and Post Graduation in Botany / Environmental Science / Plant Sciences.	Experience in plant collection and chemical analysis	28 years as on 01-04-2022	Rs. 20,000/- p.m. consolidated (As per funding Agency Sanction)	Mapping nitrogen pollution in Gangetic Plains utilizing lichens as bioindicators.	01
2.	Senior Project Associate	M.Sc. in Biotechnology / Botany / Biochemistry / Microbiology / Life Science / Food Science & Technology / Food & Nutrition / Agricultural Sciences / Allied Sciences alongwith 4 years R&D Experience OR B.Tech in Biochemical Engineering / Biotechnology / Chemical Engineering alongwith 4 years R&D Experience OR Ph.D. in Biotechnology / Botany / Biochemistry / Microbiology / Life Science / Food Science & Technology / Food & Nutrition / Agricultural Sciences or Allied Sciences / Biochemical Engineering / Chemical Engineering	Two years of Research experience in the microbial fermentation process, downstream process and Biochemical characterization of biomolecules.	40 years	Rs. 42,000/- + HRA	Optimization of beta 1,3 glucan synthesis using heterotrophic microalga (MLP0057)	01
3.	Scientific Administrative Assistant / Field Worker	Graduate degree in any discipline.	Knowledge of microbial Fermentation process, downstream process and Biochemical characterization of biomolecules.	50 years	Rs. 18,000/- + HRA	Optimization of beta 1,3 glucan synthesis using heterotrophic microalga (MLP0057)	01

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

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Project Assistant	B.Sc. in Chemistry / Biochemistry / Pharmaceutical Chemistry / Analytical Chemistry as one of the subject.	M.Sc. / B.Pharma, Knowledge of extraction and isolation processes and handling of instruments.	50 years	Rs. 20,000/- p.m. + HRA	Preparation of Certified Reference Materials of important phytomolecules (MLP0056)	04
2.	Junior Research Assistant	First Class Graduation & Post Graduation in Botany / Plant Science / Medicinal Plants / Pharmacognosy	R&D experience in medicinal plants / Pharmacognosy	28 years as on 01-04-2022	Rs. 20,000/- p.m. consolidated (As per funding Agency Sanction)	Seasonal impact on the phytoconstituents of <i>Moringa oleifera</i> L. and their shelf life study. (GAP3498)	01
3.	Senior Project Associate	Ph.D. in Biological Sciences / Chemistry / Organic Chemistry / Pharmaceutical Chemistry / Medicinal Chemistry / Analytical Chemistry / Applied Chemistry / Industrial Chemistry / Biochemistry OR M.Sc. in one of the above subjects alongwith 4 years R&D Experience	Research experience on chemical analysis of food and Pharmaceutical materials / products, handling analytical instruments.	40 years	Rs. 42,000/- + HRA	Characterization and value addition of plant-based gums, resins and waxes. (MLP0027)	01
4.	Project Assistant	B.Sc. in Chemistry / Biochemistry / Environmental Sciences / Microbiology as one of the subject.	-	50 years	Rs. 15,000/- p.m. + HRA (As per funding agency sanction)	Conservation and Productivity Improvement of Red sanders ( <i>Pterocarpus santalinus</i> ) (GAP-3483)	01

**Area – III : Molecular Biology & Biotechnology :**

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Project Associate-II	M.Sc. in Agriculture Science / Botany / Life Science / Biotechnology / Zoology (Entomology) with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith 02 years R&D experience. M.Sc. in one of the above subjects alongwith 02 years R&D experience.	Preference will be given to candidates with prior experience in handling of cotton crops and their pests / molecular biology / protein biology	35 years	Rs. 35,000/- p.m. + HRA Rs. 28,000/- p.m. + HRA	Development of next generation transgenic cotton for broad-spectrum resistance to field pests for yield protection (HCP0023)	01
2.	Project Associate-I	M.Sc. in Botany / Life Sciences / Biotechnology / Zoology (Entomology) with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE. M.Sc. in one of the above subjects.	Preference will be given to candidates with prior experience in molecular biology / protein biology / entomological research.	35 years	Rs. 31,000/- p.m. + HRA Rs. 25,000/- p.m. + HRA	Development of next generation transgenic cotton for broad-spectrum resistance to field pests for yield protection (HCP0023)	02



3.	Scientific Administrative Assistant	Graduate degree in any discipline	Preference will be given to a candidate with working experience of office work in research organization	50 years	Rs. 18,000/- p.m. + HRA	Development of next generation transgenic cotton for broad-spectrum resistance to field pests for yield protection (HCP0023)	01
4.	Laboratory Assistant	B.Sc. / 3 years Diploma in Engineering & Technology	Preference will be given to a candidate with working experience in plant tissue culture / research laboratory.	50 years	Rs. 20,000/- p.m. + HRA	Development of next generation transgenic cotton for broad-spectrum resistance to field pests for yield protection (HCP0023)	01
5.	Project Associate-I	M.Sc. in Botany / Biological Sciences / Biotechnology / Molecular Biology / Life Sciences with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE. M.Sc. in one of the above subjects.	Working experience in small RNA, evolutionary biology, NGS Data analysis.	35 years	Rs. 31,000/- p.m. + HRA Rs. 25,000/- p.m. + HRA	Elevated CO <sub>2</sub> induced small RNA directed DNA methylation regulation and miRNA expression in low and high altitude populations of <i>Arabidopsis thaliana</i> for adaptive advantages (GAP-3499)	01
6.	Trainee (for 02 months)	Students of P.G. Science	Students in the area of Botany, Biotechnology, Biochemistry, Plant Sciences, Microbiology	28 years	Rs. 5,000/- per month (consolidated)	Elevated CO <sub>2</sub> induced small RNA directed DNA methylation regulation and miRNA expression in low and high altitude populations of <i>Arabidopsis thaliana</i> for adaptive advantages (GAP-3499)	01
7.	Senior Project Associate	M.Sc. in Life Science / Biotechnology / Biochemistry / Botany alongwith 04 years R&D experience.	Experience in Molecular Biology techniques and plant tissue culture and Genome Editing.	40 years	Rs. 42,000/- + HRA	Genome Editing for crop improvement (MLP007)	02
8.	Project Associate-I	M.Sc. in Zoology / Life Science / Botany / Biotechnology / Biochemistry with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE. M.Sc. in one of the above subjects.	Prior knowledge of insect rearing and dissections	35 years	Rs. 31,000/- p.m. + HRA Rs. 25,000/- p.m. + HRA	Regulation of pectin methyl esterase inhibitor for enhancing plant-generated methanol for broad-spectrum insect resistance (MLP0037)	01

9.	Senior Project Associate	M.Sc. / M.Tech. in Bioinformatics / Life Science / Biotechnology / Biochemistry / Botany alongwith 04 years R&D experience.	Experience in molecular biology and bioinformatics techniques.	40 years	Rs. 42,000/- + HRA	Sub-genome dominance in endo-reduplication and its implication in heterotic benefits to F1-hybrids for biomass and their adaptation. (MLP0030)	01
10.	Project Scientist-II	Doctoral Degree in Science or Master's Degree in Engineering & Technology from a recognized University alongwith 03 years R&D experience.	Research experience in plant molecular biology, small RNAs (micro RNAs) / transcription factors as evident of research publications.	40 years	Rs. 67,000/- + HRA	Characterization of cotton fiber-specific micro RNA-encoded peptides (miPEPs) (GAP-3515)	01
11.	Scientific Administrative Assistant / Field Worker	Graduate Degree in any discipline	Experience of routine molecular biology lab work such as media preparation and autoclaving / plant tissue culture / lab management / scientific administrative work.	50 years	Rs. 18,000/- + HRA	Characterization of cotton fiber-specific micro RNA-encoded peptides (miPEPs) (GAP-3515)	01

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

Sl. No.	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Project Associate-I	M.Sc. in Botany / Biotechnology / Biochemistry / Life Sciences with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE. M.Sc. in one of the above subjects.	Basic Knowledge of herbal colours / dyes and working knowledge of Computer	35 years	Rs. 31,000/- p.m. + HRA  Rs. 25,000/- p.m. + HRA	CSIR Floriculture Mission (HCP-0037)	02
2.	Project Scientist	Doctoral Degree in Horticulture / Agriculture / Botany from recognized University alongwith 02 years experience in landscaping and horticulture work.	-	35 years	Rs. 60,000/- (consolidated)  (As per funding agency sanction)	Establishment of Amrut Biodiversity Park, New Delhi (GAP-3514)	01

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

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of position(s)
1.	Research Associate	Ph.D. in Life Science / Botany / Plant Science / Biotechnology / Biological Sciences	Research experience in the area of arsenic metabolism / Heavy metal stress / Abiotic stress in plants	35 years	Rs. 36,000/- p.m. + HRA (As per funding Agency Sanction)	Application of selenium for reducing arsenic level in rice ( <i>Oryza sativa</i> L.).	01

**Age :** Age is relaxable for above positions as per Government of India/CSIR instructions issued from time to time.

<b>Date &amp; Venue of Interview</b>	<b>Date :</b> Area – I : 14.11.2022 Area – II : 15.11.2022 Area – III : 16.11.2022 Area – IV : 17.11.2022 Area – V : 18.11.2022  <b>Time :</b> 11:00 AM : <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.**

- Candidates applying for Area – I (Sl. No. 1) and Area – II (Sl. No. 2) must be the resident of Uttar Pradesh.
- 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, caste certificate (in case of SC/ST/OBC) 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.
- 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 short listed 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.
- 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. However, the total tenure of the project staff in projects in CSIR should not exceed 05 years.
- 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.
- 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.
- Number of position(s) may vary at the time of selection.

- h) 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.
- i) While coming for Walk-in-interview, candidate(s) are advised to strictly adhere the CoVID-19 guidelines.

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

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



**Controller of Administration**