

CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE

Rana Pratap Marg, Lucknow-226001

WALK IN INTERVIEW No. 04/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 Ecology & Environment Technologies :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1	Project Associate-I	M.Sc. in Microbiology / Biotechnology / Biochemistry / Plant Sciences / Botany / Environmental Science / Bioinformatics / Biological Sciences or M.Tech in Bioinformatics with CSIR/UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Student must have experience of working in area of plant microbe interaction and plant molecular biology and bioinformatics	35 years	Rs 31,000/- p m + HRA	Exploration of native legumes and characterization of associated nitrogen fixing micro-symbionts in North-Eastern India. (GAP-3510)	01
		M.Sc. in one of the above subjects or M.Tech in Bioinformatics			Rs 25,000/- p.m. + HRA		
2.	Project Associate-II	M.Sc. in Microbiology / Biotechnology / Biochemistry / Plant Sciences / Botany / Environmental Science / Bioinformatics / Biological Sciences or M.Tech in Bioinformatics with CSIR/UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith two years R&D experience.	Student must have experience of working in area of plant microbe interaction and plant molecular biology and bioinformatics	35 years	Rs. 35,000/- p.m. + HRA	Exploration of native legumes and characterization of associated nitrogen fixing micro-symbionts in North-Eastern India. (GAP-3510)	01
		M.Sc. in one of the above subjects or M.Tech in Bioinformatics alongwith two years R&D experience			Rs. 28,000/- p m + HRA		
3.	Project Associate-I	M.Sc. in Microbiology / Biotechnology / Biochemistry / Plant Sciences / Botany / Environmental Science / Bioinformatics / Biological Sciences or M Tech in Bioinformatics with CSIR/UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Student must have experience of working in area of plant microbe interaction and plant molecular biology and bioinformatics.	35 years	Rs. 31,000/- p m. + HRA	Rapid composting of rice straw in field for crop residue management in rice wheat cropping system through microbial intervention (GAP-3493)	01
		M.Sc. in one of the above subjects or M.Tech in Bioinformatics			Rs. 25,000/- p m. + HRA		

4.	Project Associate-I	M Sc. in Microbiology / Biotechnology / Biochemistry / Plant Sciences / Botany / Environmental Science / Biological Sciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Student must have experience of working in area of Microbiology, Molecular Biology & Bioinformatics.	35 years	Rs 31,000/- p.m. + HRA	Development of High Laccase Producing mutants of <i>Trichoderma asperellum</i> strain NBRI-K14 using Gamma Ray Mutagenesis (GAP-3512)	01
		M Sc. in one of the above subjects.			Rs 25,000/- p.m. + HRA		
5	Project Associate-II	M Sc. in Microbiology / Biotechnology / Biochemistry / Plant Sciences / Botany / Environmental Science / Bioinformatics / Biological Sciences or M.Tech. in Bioinformatics with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith two years R&D experience	Student must have experience of working in area of Plant Microbe Interaction, Plant Molecular Biology & Bioinformatics.	35 years	Rs. 35,000/- p.m. + HRA	Deciphering the role of <i>Trichoderma</i> sRNA during its interaction with beneficial microbes in achieving abiotic stress adaptation (MLP-0038)	01
		M.Sc. in one of the above subjects or M.Tech. in Bioinformatics alongwith two years R&D experience			Rs. 28,000/- p.m. + HRA		
6.	Project Associate-II	M.Sc. in Biotechnology / Botany / Microbiology / Bioscience with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith two years R&D experience	1 Knowledge about structural and functional microbial diversity analysis and handling of BIOLOG techniques. 2. Experience in technique related to plant microbe interaction, development of microbes based formulation. 3. Handling of Phytopathogens	35 years	Rs 35,000/- p.m. + HRA	Understanding Food-Energy-Water Nexus in Dynamics of Critical Zone : WRJ-I Critical Zone Observatory (MLP0168)	01
		M Sc. in one of the above subjects alongwith two years R&D experience			Rs. 28,000/- p.m. + HRA		

Area – II : Plant Genetics Resources & Improvement :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Project Associate-I	M.Sc. in Botany / Plant Science / Genetics / Genetics & Plant Breeding / Life Sciences / Biotechnology / Bioinformatics OR M.Sc. (Ag.) in Genetics & Plant Breeding / Plant Breeding / Biotechnology / Agriculture Biotechnology with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Research experience in (i) Molecular markers development and its applications in breeding of field crops (ii) Basic knowledge of bioinformatics and data analysis.	35 years	Rs. 31,000/- p.m. + HRA	Leveraging genetic resources for accelerated genetic improvement of Linseed using comprehensive genomics and phenotyping approaches. (GAP-3478)	02
		M.Sc. in Botany / Plant Science / Genetics / Genetics & Plant Breeding / Life Sciences / Biotechnology / Bioinformatics OR M.Sc. (Ag) in Genetics & Plant Breeding / Plant Breeding / Biotechnology / Agriculture Biotechnology.			Rs. 25,000/- p.m. + HRA		

2.	Project Associate-I	M Sc. in Botany / Biotechnology / Genetics / Molecular Biology / Life Science / Agricultural Science / any subject related to Biological Sciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	1 Experience in Plant Breeding. QTL mapping, trait evaluation. 2. Experience in basic molecular biology, genomics techniques. 3 Basic knowledge of Bioinformatics	35 years	Rs. 31,000/- p.m. + HRA	Characterization of boll weight (BW) QTL hotspots for cotton yield improvement. (MLP-0047)	01
		M Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
3.	Project Associate-II	M.Sc. in Botany / Biotechnology / Genetics / Molecular Biology / Life Science / Agricultural Science / any subject related to Biological Sciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith two years R&D experience in relevant area.	1. Experience in Plant Breeding, Genome wide association study, Development of mapping population. 2 Experience in basic molecular biology, genomics techniques. 3. Basic knowledge of Bioinformatics and R programming	35 years	Rs. 35,000/- p.m. + HRA	Characterization of boll weight (BW) QTL hotspots for cotton yield improvement (MLP-0047)	02
		M.Sc. in one of the above subjects alongwith two years R&D experience in relevant area.			Rs. 28,000/- p.m. + HRA		
4.	Senior Project Associate	Ph.D in Botany / Biotechnology / Genetics / Agronomy / Molecular Biology / Life Science / Agricultural Science / any subject related to Biological Sciences	1. Experience in Plant Breeding, mapping, trait evaluation 2. Experience in molecular biology, genomics techniques. 3. Knowledge of bioinformatics, Genome mapping 4 HPLC analysis.	40 years	Rs. 42,000/- p.m + HRA	Targeted metabolite Genetics in two underutilized narcotic crops (Cannabis and opium poppy) for Cannabinoids and Oripavine improvement (MLP0046)	01
5.	Project Associate-I	M.Sc. in Botany / Biotechnology / Genetics / Molecular Biology / Life Science / Agronomy / Agricultural Science / any subject related to Biological Sciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	1. Experience in Plant Breeding, trait evaluation. 2. Experience in molecular biology, genomics techniques. 3. Knowledge of bioinformatics. 4. Knowledge in mutation breeding. 5. Knowledge in agronomy	35 years	Rs. 31,000/- p.m + HRA	Targeted metabolite Genetics in two underutilized narcotic crops (Cannabis and opium poppy) for Cannabinoids and Oripavine improvement (MLP0046)	04
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m + HRA		

Area – III : Molecular Biology & Biotechnology :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Project Associate-I	M.Sc. or M.Tech. or M.Sc. (Ag.) in Biotechnology / Bioinformatics / Biochemistry / Agricultural Biotechnology / Molecular Biology / Life Sciences / Botany with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Knowledge of molecular biology techniques, Metabolite analysis in Mango / working knowledge of VIGS	35 years	Rs 31,000/- p.m + HRA	Unraveling the post-translational control of ripening by the MAP kinase pathways in Mango. (MLP-0055)	02
		M.Sc. or M.Tech. or M.Sc. (Ag.) in one of the above subjects			Rs. 25,000/- p.m. + HRA		
2	Senior Project Associate	M.Sc. in Botany / Plant Science / Microbiology / Life Science / Environmental Science / Biotechnology / Biological Science alongwith four years R&D experience.	Preference will be given to candidates having atleast one year experience in Arsenic Research and Experience in Basic Molecular Biology	40 years	Rs 42,000/- p.m. + HRA	Arsenic (As) risk assessment in vegetable crops in arsenic affected areas and mitigation through microbial consortia containing AsMT activity (MLP0040)	01
3.	Project Associate-I	M.Sc. in Botany / Microbiology / Life Science / Environmental Science / Plant Science / Biotechnology with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Preference will be given to the candidates having atleast one year research experience in the metal contamination	35 years	Rs 31,000/- p.m. + HRA	Arsenic (As) risk assessment in vegetable crops in arsenic affected areas and mitigation through microbial consortia containing AsMT activity (MLP0040)	02
		M.Sc. in one of the above subjects.			Rs 25,000/- p.m + HRA		
4.	Project Associate-II	M.Sc. in Botany/Biotechnology/Life Sciences/ Plant Science / Biological Science/ Microbiology with two years of R&D experience in the relevant area alongwith CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience in Molecular Biology techniques	35 years	Rs. 35,000/- p.m. + HRA	Genome Editing for Crop Improvement (GE Crop) FBR (MLP0007)	01
		M.Sc. in one of the above subjects with two years of R&D experience in the relevant area.			Rs. 28,000/- p.m + HRA		
5.	Project Associate-I	M.Sc. in Biotechnology / Botany / Zoology / Plant Sciences / Life Sciences / Biological Sciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience in Plant Tissue Culture and Molecular Biology Techniques	35 years	Rs. 31,000/- p.m + HRA	Genome Editing for Crop Improvement (GE Crop) FBR (MLP0007)	01
		M.Sc. in one of the above subjects.			Rs 25,000/- p.m + HRA		

6	Senior Project Associate	M.Sc or M Tech. in Bioinformatics / Life Science / Biotechnology / Botany alongwith four years R&D experience OR Ph D in Bioinformatics / Life Science / Biotechnology / Biochemistry / Botany.	Experience in Bioinformatics whole genome sequencing analysis, RNA seq data analysis, chip analysis etc. OR Experience in molecular Biology Techniques	40 years	Rs. 42,000/- p.m + HRA	Unraveling molecular details of drought tolerance in Cotton (MLP0035)	02
7.	Project Associate-I	M Sc. or M.Tech in Biotechnology / Bioinformatics / Biochemistry / Biotechnology / Chemistry / Molecular Biology / Pharmacology / Botany / Agricultural Sciences / Life Sciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Knowledge of field work, plant identification and propagation of aquatic plants	35 years	Rs. 31,000/- p.m + HRA	Conservation, Agronomics, Metabolomics and genomics of Indian Lotus (KAMAL) (MLP0045)	03
		M Sc or M Tech in one of the above subjects			Rs 25,000/- p.m + HRA		
8.	Project Associate-I	M Sc or M Tech in Biotechnology / Bioinformatics with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience of working with techniques related to bioinformatics, working knowledge of R, Linux.	35 years	Rs. 31,000/- p.m + HRA	Pathway elucidation and identification of genes involved in guggulsterones biosynthesis in Commiphora sps (MLP0029)	02
		M.Sc. or M.Tech. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		

Area – IV : Pharmacognosy, Phytochemistry and Product Development :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Project Associate-I	M Sc. in Chemistry / Organic Chemistry / Pharmaceutical Chemistry / Polymer Chemistry / Analytical Chemistry / Botany / Biochemistry or B.Tech. in Food Processing Technology or B.Pharma with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience in processing of materials and handling of instruments	35 years	Rs. 31,000/- p.m. + HRA	Characterization and value addition of plant based resins, gums and waxes. (MLP-0027),	02
		M.Sc. in Chemistry / Organic Chemistry / Pharmaceutical Chemistry / Polymer Chemistry / Analytical Chemistry / Botany / Biochemistry or B.Tech. in Food Processing Technology or B.Pharma			Rs. 25,000/- p.m. + HRA		

2	Senior Project Associate	Ph D. in Biological Sciences / Chemistry / Organic Chemistry / Pharmaceutical Chemistry / Medicinal Chemistry / Analytical Chemistry / Biochemistry	Research experience on chemical analysis of food and pharmaceutical materials / products, handling analytical instruments. Publication in SCI / impacted journals and good knowledge of computer applications for data analysis.	40 years	Rs 42,000/- p.m + HRA	Characterization and value addition of plant based resins, gums and waxes. (MLP-0027)	01
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Area – V : Plant Diversity, Systematics & Herbarium :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Project Associate-I	M.Sc. in Botany / Biotechnology / Plant Sciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience in Survey and collection / Taxonomy of Angiosperms / Analysis of diversity using morphological and molecular markers	35 years	Rs. 31,000/- p.m. + HRA	Conservation of Threatened Plants of India. (MLP-0041)	04
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
2.	Project Associate-I	M.Sc. in Botany / Biotechnology / Plant Sciences	Experience in DNA profiling and phylogenetic analyses	35 years	Rs 29,000/- (consolidated) (As per funding agency sanction)	Taxonomy and Phylogeny of the genus <i>Uraria</i> Desv., (Leguminosae) (GAP-3477)	01
3.	Project Associate-I	M.Sc. in Botany / Biotechnology / Plant Science / Plant Ecology / Forestry / Environmental Science / Biodiversity & Taxonomy of Plants with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Working experiences on floristic survey, taxonomy, genetic diversity, quantification & mapping of diversity, remote sensing & GIS application, plant ecology & population survey, documentation of ethnobotanical knowledge, evaluation of economic potential, conservation & restoration of degraded habitat / population of lower and higher plants (Algae, Lichens, Bryophytes, Pteridophytes, Gymnosperms and Angiosperms)	35 years	Rs. 31,000/- p.m. + HRA	Plant Resource Mapping of Chambal Ravines (PR-Chambal) (MLP-0042)	05
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m + HRA		

Area – VI : Botanical Garden, Plant Conservation and Agrotechnologies :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Project Associate-I	M Sc. in Biochemistry / Microbiology / Biotechnology / Botany / Pharmacology or M.Pharm with CSIR/ UGC / ICAR / DBT -NET- JRF/ LS qualification or GATE	Working experience about microbiological techniques, cell line handling and pharmacological activities	35 years	Rs 31,000/- p.m. + HRA	To identify the potential <i>Aloe</i> species for cultivation in normal and salt affected soils. (MLP-0044)	01
		M Sc in one of the above subjects or M.Pharm .			Rs 25,000/- p.m. + HRA		
2.	Project Associate-I	M.Sc. in Botany / Plant Science / Biotechnology / Biochemistry / Life Sciences or M.Sc. Ag. in Horticulture / Floriculture, Genetics & Plant Breeding with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Basic knowledge of horticulture / floriculture / apiculture and working knowledge of computer	35 years	Rs. 31,000/- p m. + HRA	CSIR Floriculture Mission (HCP0037)	02
		M.Sc. in Botany / Plant Science / Biotechnology / Biochemistry / Life Sciences or M.Sc. Ag. in Horticulture / Floriculture, Genetics & Plant Breeding.			Rs 25,000/- p m + HRA		
3.	Project Associate-II	M.Sc. in Botany / Plant Science / Biotechnology / Life Sciences or M.Sc. Ag. in Horticulture / Floriculture, Genetics & Plant Breeding with CSIR/ UGC / ICAR / DBT -NET- JRF/ LS qualification or GATE alongwith 02 years R&D experience in relevant area.	Research experience in horticulture / floriculture / apiculture / value added product development	35 years	Rs. 35,000/- p.m. + HRA	CSIR Floriculture Mission (HCP0037)	03
		M.Sc. in Botany / Plant Science / Biotechnology / Life Sciences or M.Sc. Ag. in Horticulture / Floriculture, Genetics & Plant Breeding alongwith 02 years R&D experience in relevant area			Rs. 28,000/- p.m. + HRA		
4.	Senior Project Associate	Ph.D. in Botany / Plant Science / Biotechnology / Life Science / Agricultural Science	Research experience in horticulture / floriculture and experience in extension / outreach programme.	40 years	Rs. 42,000/- p m. + HRA	CSIR Floriculture Mission (HCP0037)	01

6.	Project Assistant	B.Sc. in Agriculture or Botany	Working Experience in field, art related creativity	50 years	Rs 20,000/- p m. + HRA	Dehydrated Flower and Foliages for Women Empowerment (GAP-3509)	01
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Age : Age is relaxable for above positions as per Government of India/CSIR instructions issued from time to time

Date & Venue of Interview	Date : Area – I : 29-08-2022 Area – II : 30-08-2022 Area – III : 31-08-2022 Area – IV : 01-09-2022 Area – V : 02-09-2022 Area – VI : 03-09-2022 Time : 11:00 AM : Venue : 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.

- 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. 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/Gol/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.
- 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.
- 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