

# CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE

Rana Pratap Marg, Lucknow-226001

## WALK IN INTERVIEW No. 02/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 : Molecular Biology and Biotechnology :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	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	Working experience in small RNA, evolutionary biology, NGS data analysis.	35 years	Rs. 31,000/- 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
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
2.	Project Associate-I	M.Sc. / M.Tech in Bioinformatics / Biotechnology with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience of working with techniques related to molecular biology, bioinformatics.	35 years	Rs. 31,000/- p.m. + HRA	Small RNAs and Associated factors for enhanced post-harvest life (sRNA-life) (MLP0006)	01
		M.Sc. / M.Tech. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
3.	Project Associate-I	M.Sc. / M.Tech in Bioinformatics / Biotechnology / Botany / Biochemistry / Information Technology with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience in molecular biology techniques and plant tissue culture and/or experience in Bioinformatics.	35 years	Rs. 31,000/- p.m. + HRA	Regulation of pectin methyl esterase inhibitor for enhancing plant generated methanol for broad spectrum insect resistance. (MLP0037)	01
		M.Sc./M.Tech. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
4.	Project Associate-I	M.Sc. / M.Tech in Bioinformatics / Biotechnology / Botany / Biochemistry / Information Technology with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Experience in molecular biology techniques and plant tissue culture and/or experience in Bioinformatics.	35 years	Rs. 31,000/- p.m. + HRA	Unraveling the induced defense response in the neighboring crops as a consequences of over-expressed methanol (GAP-3503)	01
		M.Sc./M.Tech. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		

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**Area – II : Plant Ecology and Environment Technologies :**

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Senior Project Associate	Having M.Sc. degree in Biological Science / Biotechnology / Botany / Environment Microbiology / Bioscience / Microbiology alongwith 04 years R&D experience	1. Knowledge about structural and functional microbial diversity analysis. 2. Experience in technique related to plant microbe interaction, development of microbes based formulation.	40 years	Rs. 42,000/- p.m. + HRA	Understanding Food-Energy-Water Nexus in Dynamics of Critical Zone : WRJ-I Critical Zone Observatory (MLP0168)	01
2.	Project Associate-I	M. Sc. in Microbiology / Biochemistry / Biotechnology / Botany / Environment Microbiology / Biosciences / Chemistry or M. Pharma with CSIR/ UGC / ICAR / DBT -NET- JRF/ LS qualification or GATE	1. Knowledge about endophytes isolation, chemical characterization and pharmacological evaluation of phytochemicals and microbial metabolite. 2. Knowledge of Pharmacognosy / Analytical Chemistry / Medicinal Plants / Chemotaxonomy. 3. Experience in techniques related to plant microbe interactions, development of microbes based formulations.	35 years	Rs. 31,000/- p.m. + HRA	Deciphering the mechanism(s) of host-endophytes coevolution, enhanced secondary metabolite production and crop productivity (MLP0048)	05
		M.Sc. in one of the above subjects or M. Pharma.			Rs. 25,000/- p.m. + HRA		
3.	Project Associate-I	M. Sc. in Microbiology / Biochemistry / Biotechnology / Botany / Environment Microbiology / Biosciences with CSIR/ UGC / ICAR / DBT -NET- JRF/ LS qualification or GATE	Experience in techniques related to plant microbe interactions, development of microbes based formulations	35 years	Rs. 31,000/- p.m. + HRA	Biostimulants for stress amelioration, enhanced plant productivity and soil health. (MLP0049)	04
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
4.	Project Associate-I	M. Sc. in Environmental Science / Microbiology / Soil Science / Life Science / Botany with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Working experience with field sample collection, soil Microbe isolation, soil physico-chemical parameter analysis	35 years	Rs. 31,000/- p.m. + HRA	Fe and Zn bio-fortification in rice through integrated microbial and soil nitrogen management in crop field (MLP0039)	01
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
5.	Data Entry Operator	Graduate in Science	1. Hindi/English typing Certificate from ITI / Govt. Diploma with one year experience. 2. Science Graduate (55% and above marks).	30 years	Rs.14,641.00 p.m.	Establishment of ENVIS Centre on plant and pollution (GAP-254225)	01

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**Area – III : 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. (Ag.) in Soil Science or M.Sc. in Chemistry / Biochemistry / Environmental Science / Botany / Microbiology with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Working experience about plant nutrients / phytochemicals / biochemical compounds analysis.	35 years	Rs. 31,000/- p.m. + HRA	To identify the potential <i>Aloe</i> species for cultivation in normal and salt affected soils (MLP0044)	02
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
2.	Project Associate-I	M.Sc. in Botany / Plant Sciences / Biotechnology	Basic knowledge of plant collection, taxonomy and conservation, experience in extraction of DNA from plant materials, knowledge in PCR, ecological sampling, data analysis and computer applications.	35 years	Rs. 25,000/- p.m. + HRA	Did most <i>Cycas</i> species originate from India? Genetic evidence through phylogenetic and phylogeographic studies (GAP3501)	01

**Area – IV : Plant Diversity, Systematics and 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 / DNA barcode / Development of molecular markers and its applications	35 years	Rs. 31,000/- p.m. + HRA	Conservation of Threatened Plants of India (MLP0041)	03
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		
2.	Project Associate-I	M.Sc. in Botany / Life Sciences / Plant Sciences / Biotechnology with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE	Working experience in molecular systematics or DNA extraction and PCR handling..	35 years	Rs. 31,000/- p.m. + HRA	Systematic studies in the family <i>Poaceae</i> from Western Himalaya (GAP-3502)	01
		M.Sc. in one of the above subjects.			Rs. 25,000/- p.m. + HRA		

**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 : 02.03.2022 Area – II : 03.03.2022 Area – III : 04.03.2022 Area – IV : 05.03.2022  <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.**

- 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, 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.
- 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 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.
- 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/Gol/Other Authorities from time to time.
- 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) 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.
- f) Number of position(s) may vary at the time of selection.
- g) 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.
- h) While coming for Walk-in-interview, candidate(s) are advised to strictly adhere the CoVID-19 guidelines.

**No TA/DA will be admissible.**

  
**Controller of Administration**