

# CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE

Rana Pratap Marg, Lucknow-226001

## WALK IN INTERVIEW No. 05/Project/2021

Eligible & interested candidates are invited for interview for the purely temporary positions in the following area 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. (55%) in Microbiology / Biochemistry / Biotechnology / Botany / Environment Microbiology / Biosciences.	Experience in techniques related to plant microbe interactions, development of microbes based formulations.	35 years	Rs. 25000/- p.m. + HRA	Biostimulants for stress amelioration, enhanced plant productivity and soil health (MLP0049)	06
2.	Project Associate-I	M.Sc. (55%) in Microbiology / Biochemistry / Biotechnology / Botany / Environment Microbiology / Biosciences / Chemistry / M.Pharma.	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. 25000/- p.m. + HRA	Deciphering the mechanism(s) of host-endophytes coevolution, enhanced secondary metabolite production and crop productivity (MLP0048)	06
3.	Project Associate-I	M.Sc. / M.Tech. in Biotechnology / Bioinformatics / Microbiology / Biochemistry / Botany / Environment Microbiology / Biosciences with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE.  M.Sc./M.Tech. (55%) in one of the above subjects.	Experience in techniques related to plant microbe interactions / fungal microbiology / genomics / transcriptomics / Working in R, Linux.	35 years	Rs. 31000/- p.m. + HRA  Rs. 25000/- p.m. + HRA	Deciphering the role of sRNAs during synergistic interaction between two <i>Trichoderma</i> spp (MLP0038)	02
4.	Project Associate-I	M.Sc. / M.Tech. (55%) in Bioinformatics / Microbiology / Biochemistry / Biotechnology / Plant Sciences / Botany / Environment Science with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE.  M.Sc./M.Tech. (55%) in one of the above subjects.	Experience of working in area of plant microbe interaction and plant molecular biology and bioinformatics.	35 years	Rs. 31000/- p.m. + HRA  Rs. 25000/- p.m. + HRA	Epigenetic modifications in <i>Rhizoctonia solani</i> during interaction with <i>Bacillus amyloliquefaciens</i> and its implication for biotic stress management in rice (MLP0036)	04

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5.	Project Associate-I	M.Sc. (55%) in Environmental Science / Microbiology / Soil Science / Life Science / Botany with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE.  M.Sc./M.Tech. (55%) in one of the above subjects.	Working experience with field sample collection, soil Microbe isolation, soil physico-chemical parameter analysis.	35 years	Rs. 31000/- p.m. + HRA  Rs. 25000/- p.m. + HRA	Fe and Zn bio-fortification in rice through integrated microbial and soil nitrogen management in crop field (MLP0039)	02
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**Area-II: Agricultural Sciences :**

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Project Associate-I	M.Sc. (55%) in Agronomy / Soil Science / Genetics and Plant Breeding / Environmental Science / Botany with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE.  M.Sc. (55%) in one of the above subjects.	Experience in field experiments and lab.	35 years	Rs. 31000/- p.m. + HRA  Rs. 25000/- p.m. + HRA	Synthesis of Zeolites from Fiyash for Agriculture Applications (MLP-0208)	01
2.	Project Associate-I	M.Sc. (55%) in Agronomy / Soil Science / Genetics and Plant Breeding / Environmental Science / Botany with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE.  M.Sc. (55%) in one of the above subjects.	Experience in field experiments and lab.	35 years	Rs. 31000/- p.m. + HRA  Rs. 25000/- p.m. + HRA	Bio-stimulants for stress amelioration enhanced plant productivity and soil health (MLP-0049)	01
3.	Project Associate-I	M.Sc. (55%) in Botany / Plant Science / Biochemistry / Life Science / Chemistry / Biotechnology or M.Pharm in Pharmacognosy or M.Sc. (Ag.) in Horticulture / Floriculture / Entomology / Agronomy / Soil Science / Genetics and Plant Breeding.	Basic knowledge of horticulture / floriculture / tissue culture / apiculture / phytochemistry and working knowledge of computer.	35 years	Rs. 25000/- p.m. + HRA	CSIR Floriculture Mission (HCP-0037)	14
4.	Project Associate-II	M.Sc. (55%) in Botany / Plant Science / Biochemistry / Life Science / Biotechnology or or M.Sc. (Ag.) in Horticulture / Floriculture / Entomology / Agronomy / Soil Science / Genetics and Plant Breeding alongwith 02 years research experience in the relevant area.	Research experience in tissue culture / breeding of floricultural crops / apiculture / essential oil or secondary metabolites and value added product development	35 years	Rs. 28000/- p.m. + HRA	CSIR Floriculture Mission (HCP-0037)	07

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5.	Senior Project Associate	Ph.D. (Awarded/Viva Defended) in Botany / Plant Science / Life Science / Biotechnology	Experience in tissue culture research (e.g. developing standard operating protocol for production of quality planting material of floriculture crops through tissue culture)	40 years	Rs. 42000/- p.m. + HRA	CSIR Floriculture Mission (HCP-0037)	01
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**Area-III: Pharmacognosy, Phytochemistry and Product Development :**

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Program Executive	B.Sc. with at least three of experience in R&D / R&D Management	Experience in working R&D laboratory / R&D management <b>Job responsibility :</b> Assist in all activities of core team members, helping in accounting work, documentation, preparation of office documents and any other office or assistance required in the work, assist in holding meetings, workshop, article compilation etc.	35 years	Rs. 30000/- p.m.	National Coordination of Scheme for Young Scientists and Technologies (SYST) (GAP-3486)	01
2.	Project Assistant	Intermediate (Science) with at least two years of experience in office management/R&D in any research organization of national repute.	02 years experience in working in R&D laboratory <b>Job Responsibility</b> Office work, assist in holding meetings, workshop, etc.	35 years	Rs. 22,000/- p.m.	National Coordination of Scheme for Young Scientists and Technologies (SYST) (GAP-3486)	02
3.	Senior Project Associate	Ph.D. in Biological Sciences / Chemistry / Organic Chemistry / Pharmaceutical Chemistry / Medicinal Chemistry / Analytical Chemistry / Biochemistry	Research experiences in chemical analysis of food and pharmaceutical materials / products, handling analytical instruments. Publications 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 (NCP) – Phase-II (MLP-0027)	01
4.	Project Associate-I	M.Sc. (55%) in Chemistry / Organic Chemistry / Pharmaceutical Chemistry / Polymer Chemistry / Analytical Chemistry / Botany / Biochemistry or B.Pharma or B.Tech. in Food Processing Technology.	Experience in processing of materials and handling of instruments.	35 years	Rs. 25,000/- p.m. + HRA	Characterization and value addition of plant-based resins, gums and waxes (NCP) – Phase-II (MLP-0027)	05
5.	Project Assistant	B.Sc. / 03 years Diploma in Engineering and Technology	Computer Knowledge and field work experience.	50 years	Rs. 20,000/- p.m. + HRA	Characterization and value addition of plant-based resins, gums and waxes (NCP) – Phase-II (MLP-0027)	01

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**Area-IV: Plant Genetics Resources & Improvement :**

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Senior Project Associate	M.Sc. (55%) in Plant Breeding / Genetics / Botany / Plant Science / Biotechnology / Bioinformatics alongwith 04 years R&D experience in the relevant area. OR Ph.D. (Awarded / Viva Defended) in Plant Breeding / Genetics / Botany / Plant Science / Biotechnology / Bioinformatics.	Research experience in the area of molecular markers, Phenotyping, QTL mapping, GWAS, NGS data analysis.	40 years	Rs. 42000/- p.m. + HRA	Leveraging genetic resources for accelerated genetic improvement of grain amaranth using genomics and phenotyping approaches (MLP043)	01
2.	Project Associate-I	M.Sc. (55%) in Plant Breeding / Genetics / Botany / Plant Science / Biochemistry / Biotechnology / Agronomy / Microbiology with CSIR/UGC / ICAR / DBT -NET- JRF/ LS qualification or GATE.  M.Sc. (55%) in one of the above subjects.	Research experience in the area of molecular markers, field experimentation, phenotyping etc.	35 years	Rs. 31000/- p.m. + HRA  Rs. 25000/- p.m. + HRA	Leveraging genetic resources for accelerated genetic improvement of grain amaranth using genomics and phenotyping approaches (MLP043)	02

**Age :** Age of the candidate will be reckoned as on date of walk in interview. However, Age is relaxable for all the positions as per Government of India/CSIR instructions.

<b>Date &amp; Venue of Interview</b>	For Area – I & II : 02.03.2021 (Tuesday) For Area – III & IV : 03.03.2021 (Wednesday) <b>Reporting time : 9:30 AM</b> 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](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.

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- c) The positions are purely temporary on contract basis and co- terminus with the sponsored projects. Further, the above stipend(s) is tentative and the same will be finally decided based on the availability/provision of funds in the relevant sponsored projects.
- 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) 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 TA/DA will be admissible.**

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For Controller of Administration