

CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE

Rana Pratap Marg, Lucknow-226001

WALK IN INTERVIEW No. 04/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-NBR:-

Area-I: Plant Genetics Resources & Improvement :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Senior project Associate	Ph.D. in Botany / Biotechnology / Genetics / Chemistry / Molecular Biology / Life Science / Agricultural Science / Biological Science	1. Minimum two years experience in genetic mapping, QTL analysis in any project. 2. Experience in basic molecular biology and Genomics 3. Experience in cotton genomics	40 years	Rs. 42000/- p.m. + HRA	Targeted metabolite genetics in two underutilized narcotic crops (Cannabis and Opium poppy) for Cannabinoids and Onpavine improvement. (MLP0046)	02
2.	Project Associate-I	M.Sc. in Botany / Biotechnology / Genetics / Chemistry / Molecular Biology / Life Science / Agricultural Science / Biological Science with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE. M.Sc. (55%) in one of the above subjects.	1. Experience in Plant Breeding activities, Mapping population and trait evaluation. 2. Experience in Basic molecular biology, genomics techniques. 3. Basic knowledge of bioinformatics analysis.	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Targeted metabolite genetics in two underutilized narcotic crops (Cannabis and Opium poppy) for Cannabinoids and Onpavine improvement. (MLP0046)	08
3.	Senior project Associate	Ph.D. in Botany / Biotechnology / Genetics / Molecular Biology / Life Science / Agricultural Science / Biological Science	1. Minimum two years experience in genetic mapping, QTL analysis in any project. 2. Experience in basic molecular biology and Genomics 3. Experience in cotton genomics	40 years	Rs. 42000/- p.m. + HRA	Characterization of Boll Weight (BW) QTL Hotspots for Cotton Yield Improvement. (MLP0047)	01
4.	Project Associate-I	M.Sc. in Botany / Biotechnology / Genetics / Molecular Biology / Life Science / Agricultural Science / Biological Science with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE. M.Sc. (55%) in one of the above subjects.	1. Experience in Plant Breeding activities, Mapping population and trait evaluation. 2. Experience in Basic molecular biology, genomics techniques. 3. Basic knowledge of bioinformatics analysis.	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Characterization of Boll Weight (BW) QTL Hotspots for Cotton Yield Improvement. (MLP0047)	02

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5.	Project Associate-II	M.Sc. in Botany / Biotechnology / Genetics / Molecular Biology / Life Science / Agricultural Science / Biological Science with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith 02 years R&D experience in the relevant area. M.Sc. (55%) in one of the above subjects alongwith 02 years R&D experience in the relevant area.	1. Experience in Plant Breeding activities, Mapping population and trait evaluation. 2. Experience in Basic molecular biology, genomics techniques. 3. Basic knowledge of bioinformatics analysis.	35 years	Rs. 35000/- p.m. + HRA Rs. 28000/- p.m. + HRA	Characterization of Boll Weight (BW) QTL Hotspots for Cotton Yield Improvement. (MLP0047)	02
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Area-II: 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./M.Tech./ M.Pharma. in Botany / Biotechnology / Bioinformatics / Biochemistry / Chemistry / Molecular Biology / Microbiology / Pharmacology / Agricultural Science / Life Science with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE. M.Sc. / M.Tech. (55%) in one of the above subjects.	Anyone of the following : 1. Knowledge in handling of laboratory animals, dosing and subjecting for experimentation. 2. Working experience in analytical laboratory. 3. Experience of processing isolation and analysis of samples. 4. Experience in Plant Tissue culture and <i>Agrobacterium</i> mediated transformation of cereal / legume crops. 5. Working knowledge of Bioinformatics tools, R. Program, Linux	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Conservation, Agronomics, Metabolomics and genomics of Indian Lotus (KAMAL) (MLP-0045)	07
2.	Project Associate-I	M.Sc./M.Tech. Biotechnology / Bioinformatics 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 with techniques related to molecular biology, bioinformatics.	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Small RNAs and Associated factors for enhanced post-harvest Life (sRNA-life) (MLP-06)	01
3.	Project Associate-II	M.Sc. Biotechnology / Bioinformatics / Botany / Life Sciences / Biochemistry with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith 02 years R&D experience in the relevant area. M.Sc. (55%) in one of the above subjects.	Experience of working with techniques related to molecular biology.	35 years	Rs. 35000/- p.m. + HRA Rs. 28000/- p.m. + HRA	Small RNAs and Associated factors for enhanced post-harvest Life (sRNA-life) (MLP-06)	01

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4.	Project Associate-I	M.Sc./ M.Tech. Biotechnology / Bioinformatics 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 with techniques related to bioinformatics, working knowledge of R, Linux.	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Pathway elucidation and identification of genes involved in guggulsterones biosynthesis in Commiphora sps (MLP-0029)	02
5.	Project Associate-II	M.Sc./ M.Tech. Biotechnology / Bioinformatics with CSIR/ UGC / ICAR / DBT -NET- JRF/ LS qualification or GATE alongwith 02 years R&D experience in the relevant area. M.Sc. / M.Tech. (55%) in one of the above subjects.	Experience of working with techniques related to bioinformatics, working knowledge of R, Linux.	35 years	Rs. 35000/- p.m. + HRA Rs. 28000/- p.m. + HRA	Pathway elucidation and identification of genes involved in guggulsterones biosynthesis in Commiphora sps (MLP-0029)	01
6.	Senior Project Associate	Ph.D. in Life Science / Botany / Plant Science / Biotechnology.	Three years research experience in the area of arsenic metabolism in plants.	42 years	Rs. 42000/- p.m. + HRA	Arsenic (As) risk assessment in vegetable crops in arsenic affected areas and mitigation through microbial consortia containing AsMT activity (MLP-0040)	01
7.	Project Associate-II	M.Sc. in Botany / Life Science / Environment Science / Plant Science / Microbiology/ Biotechnology / with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE alongwith 02 years R&D experience in the relevant area. M.Sc. (55%) in one of the above subjects.	Experience of working in the area of arsenic metabolism in plants and knowledge of molecular tools and techniques.	35 years	Rs. 35000/- p.m. + HRA Rs. 28000/- p.m. + HRA	Arsenic (As) risk assessment in vegetable crops in arsenic affected areas and mitigation through microbial consortia containing AsMT activity (MLP-0040)	01
8.	Project Associate-I	M.Sc. in Botany / Life Science / Environment Science / Plant Science / Microbiology/ Biotechnology / with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE. M.Sc. (55%) in one of the above subjects.	One-year R&D experience in the relevant area.	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Arsenic (As) risk assessment in vegetable crops in arsenic affected areas and mitigation through microbial consortia containing AsMT activity (MLP-0040)	04

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Area-III: 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 / Plant Science / Plant Ecology / Forestry / Biotechnology / Environmental Science / Biodiversity & Taxonomy of Plants with CSIR/ UGC / ICAR / DBT -NET-JRF/ LS qualification or GATE. M.Sc. (55%) in one of the above subjects.	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. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Plant Resource Mapping of Chambal Ravines (PR-Chambal) (MLP-0042)	11
2.	Project Associate-I	M.Sc. / M.Tech. in Bioinformatics of Plants with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE. M.Sc. / M.Tech. (55%) in one of the above subjects.	Working experience of the techniques related to bioinformatics, working knowledge of R. Linux, experiences on one or more software products viz. Visual Basic, Net, PHP, MySQL, VB Script, IIS, working knowledge of database design, web-enable applications and portal designing.	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	Plant Resource Mapping of Chambal Ravines (PR-Chambal) (MLP-0042)	01

Area-IV : Agricultural Sciences :

Sl. No	Name of Position	Essential Qualifications	Desirable Qualification	Age	Stipend	Project Name	No. of positions
1.	Principal Project Associate	Ph.D. in Soil Science/ Soil Science & Agricultural Chemistry/ Biochemistry/ Chemistry/ Pharmacology/ Pharmacognosy/ Pharmaceutical Sciences/ Environmental Science/ Biotechnology/ Botany with four years of working experience in relevant field.	Preference will be given to the candidates having research papers in SCI journals and working experience about plant nutrients/ phytochemicals/ biochemical compounds analysis.	40 years	Rs. 49000/- p.m. + HRA	To identify the potential <i>Aloe</i> species for cultivation in normal and salt affected soils (MLP-0044)	02
	Senior Project Associate	Ph.D. in one of the above subjects.			Rs. 42000/- p.m. + HRA		
2.	Project Associate-I	M.Sc. (Ag.) in Soil Science / Agricultural Chemistry or M.Sc. / M. Pharma. in Biochemistry / Chemistry / Pharmacology / Pharmacognosy / Pharmaceutical Sciences / Environmental Science / Biotechnology / Life Sciences / Botany / Microbiology with CSIR/ UGC / ICAR / DBT - NET-JRF/ LS qualification or GATE. M.Sc. (55%) in one of the above subjects.	Working experience about plant nutrients/ phytochemicals/ biochemical compounds analysis.	35 years	Rs. 31000/- p.m. + HRA Rs. 25000/- p.m. + HRA	..	05

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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.

Date & Venue of Interview	Area – I	:	11.02.2021
	Area – II	:	11.02.2021
	Area – III	:	15.02.2021
	Area – IV	:	15.02.2021
Venue : K.N. Kaul Block, CSIR-NBRI, Rana Pratap Marg, Lucknow			

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. 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 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.


Controller of Administration