



विज्ञापन सं० 02/2022

Advertisement No. 02/2022

Last date of submission of online application : 18/04/2022 upto 5:30 p.m.

Online engagement of Project Staff under different Projects as per the details given below:-

Position code No./ पोजीशन कोड सं०	Name & No. of Positions/ पोजीशन का नाम तथा सं०	Essential qualifications/ अनिवार्य योग्यता	Desirable qualifications/ अधिमानी योग्यता	Stipend/ मानदेय	Upper Age limit/ अधिकतम आयु	Title & Tenure of the project/ परियोजना का शीर्षक एवं अवधि
001	Project Associate-I Two (14)	M.Sc./M.Tech. Master's degree in Biotechnology / Biochemistry / Life Sciences / Zoology/ Microbiology/ Biological Sciences/ Allied Areas	Molecular Biology, Cloning, Protein Expression & purification, OR Experience in laboratory experiments and routine molecular biology applications, OR Experience of laboratory experiments in routine molecular biology applications, OR Experience in microbial culture, screening and molecular biology, OR Experience in Microbiology / Molecular Biology Experience of handling microbial cultures and exposures of basic molecular bio techniques, OR Experience in protein purification & assays. Experience in cell culture / IHC. OR 1-2 year experience in lab, OR Experience in animal experiment and molecular biological technique, OR Experience in microbiome analysis Two years research experience in molecular biology/Biochemistry	(i) Rs. 31,000/- + HRA p.m. to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 25,000/- + HRA p.m. for others who do not fall under (i) above.	35 Yrs.	CSIR (MLP2029) "Structural and functional characterization of potential drug target proteins from ESKAPE pathogens." Tenure up to – 31.03.2023, CSIR (MLP2031) "Chemical biology approaches towards dissecting non-canonical protein functions and novel targets in Malaria, Leishmania and Filariasis parasites." Tenure up to – 31.03.2025, CSIR (MLP2033) "Multipronged studies on persistence and drug resistance in mycobacteria." Tenure up to – 31.03.2025, CSIR (MLP2035) "Understanding the mechanism of osteopenia and aberrant bone formation, and discovery of new targets for skeletal medicine (Osteo Target)" Tenure up to – 31.03.2025, DBT (GAP0402) "Pre-clinical development of CPMD-1049 targeting drug resistant Mycobacterium tuberculosis." Tenure up to – 02.03.2023 CSIR (MLP2028) "Research in ASTHI: Pre-clinical Development of CDRI optimized lead molecules as dual osteogenic and muscle anabolic agents" Tenure up to -31.03.2023, CSIR (MLP2026) "Identification of diagnostic targets and therapeutic methods for infertility." Tenure up to -31.03.2023, SERB, DST (GAP0394) "Understanding the role of Dynamin-related proteins (DRPs) in mitochondrial remodeling and organelle communication in human malaria parasite." Tenure up to -08.02.2027

002	Scientific Administrative Assistant One (05)	Graduation in Life Sciences/ Biotechnology	Proficiency in computer applications, including knowledge of LINUX / Machine Learning / Artificial Intelligence methods., OR Well versed in manuscript writing reports, file keeping and associated work., OR Well versed in Communication skill Report preparation, Data Keeping ., OR Masters in Life Sciences / Biotechnology / Zoology	Rs 18,000 +16% HRA p.m.	50 Yrs.	DBT (GAP0384) “Establishment of Bioinformatics & Computational Biology Centre at CSIR-CDRI Innovation in Drug Discovery Research using Bioinformatics and Computational biology-BIC at CSIR, Central Drug Research Institute Lucknow” Tenure up to – 13.10.2026, CSIR (MLP2033) “Multipronged studies on persistence and drug resistance in mycobacteria.” Tenure up to – 31.03.2025, CSIR (MLP2031) “Chemical biology approaches towards dissecting non-canonical protein functions and novel targets in Malaria, Leishmania and Filaria parasites (ParaProt).” Tenure up to – 31.03.2025, CSIR (MLP2042) “Elucidation of neonatal cardiac regenerative potential following angiotensin II / isoproterenol mediated injury.” Tenure up to – 31.03.2023,
003	Field Assistant One (01)	Graduation in Biological Sciences		Rs. 18,000/- p.m. +16% HRA	50 Yrs.	DBT (GAP0402) “Pre-clinical development of CPMD-1049 targeting drug resistant Mycobacterim tuberculosis.” Tenure up to – 02.03.2023
004	Project JRF One (01)	M.Sc. in Life Sciences with NET / NET(LS) qualified	Experience in reproductive biology	Rs. 31,000/- + 16% HRA p.m.	28 Yrs.	DBT (GAP0337) “To investigate the role of HOXB1 in spermatogenesis and male infertility” Tenure up to – 01.09.2022
005	Project Associate-I One (01)	M.Sc. (Biotechnology / Bioinformatics / Life Sciences) OR B. Tech (Biotechnology / Bioinformatics)	1 year of experience in computer aided drug design / molecular modelling / Artificial Intelligence driven approaches to drug design.	Rs. 25,000/- +16% HRA p.m.	35 Yrs.	DBT (GAP0384) “Establishment of Bioinformatics & Computational Biology Centre at CSIR-CDRI Innovation in Drug Discovery Research using Bioinformatics and Computational biology-BIC at CSIR, Central Drug Research Institute Lucknow.” Tenure up to – 13.10.2026
006	Project Assistant One (02)	B.Sc. in Life Sciences/ Biological Sciences	M.Sc. in biotechnology (1 st class) with research experience / training (≥ 4 months) in Parasitic Disease / immunology, OR M.Sc. in Biological Sciences	Rs. 20,000/- p.m. +HRA	50 Yrs.	DBT (GAP0346) “Deciphering mechanism of epigenetic reprogramming involved in macrophage polarization during host-pathogen interaction in experimental visceral Leishmaniasis.” Tenure up to – 18.02.2023, SERB, DST (GAP0396) “Elucidating the mechanism of Sir2 (deacetylase enzyme) mediated epigenetic regulation of G6PDH and DNA repair property in manipulating AmB induced oxidative stress and apoptosis in AmB unresponsive clinical isolates of Leishmania donovani.” Tenure up to – 13.03.2025
007	Senior Project Associate One (01)	Ph.D. in Biological Sciences OR M.Sc. in Biological Sciences with minimum four year experience in research as a fellow	Protein structure, X-ray crystallography NMR Spectroscopy, RT-PCR, HPLC	Rs. 42,000+ HRA p.m.	40 Yrs.	NDT Global Network (GAP0376) “Deconvoluting the mode of action of novel anti-leishmanial compounds” Tenure up to -31.12.2021
008	Project Scientist-I * (01)	Doctoral Degree in Science OR M. Tech (Biotechnology /	1 year experience in computer aided drug design particularly Artificial Intelligence (ML/DL) driven	Rs. 56,000 +16% HRA p.m. with 5% increment for every two years of experience.	35 Yrs.	DBT (GAP 0384) “Establishment of Bioinformatics & Computational Biology Centre at CSIR-CDRI Innovation in Drug Discovery Research using Bioinformatics and

		Bioinformatics / computational biology)	approaches / developing bioinformatics or related software tools / databases with a proven record of publications and / or software / database development			Computational biology-BIC at CSIR, Central Drug Research Institute Lucknow” Tenure up to – 13.10.2026
009	Project Assistant One (01)	B.Pharm	M.Pharm (Pharmaceutics)	Rs. 31,000/- p.m.	30 Yrs.	ICMR (GAP0354) “An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis” Tenure up to – 24.10.2022
010	Project Associate-I One (04)	M.Pharm / MS Pharm (Pharmaceutics) with GPAT / GATE qualified	Experience in Pharmaceutics, pharmacokinetics, formulation, pharmacology and animal experiments, OR Experience in Drug Delivery & formulation, OR Experience in Pharmaceutics, Pharmacology, LCMS/MS, animal studies	Rs. 31,000/- p.m. +HRA	35 Yrs.	CSIR (MLP2035) “Understanding the mechanism of osteopenia and aberrant bone formation, and discovery of new targets for skeletal medicine (Osteo Target)” Tenure up to – 31.03.2025, CSIR (HCP0038) “Phytopharmaceutical Mission (Phase-2)” Tenure up to – 31.03.2023, CSIR (MLP2032) “Discovery of selective KOR ligands for the Treatment Resistant Depression and Neuropathic pain” Tenure up to – 31.03.2025, CSIR TLP0014 (NMITLI) “Development of Novel anti stroke Phytopharmaceutical formulation from the roots of a Ashwagandha variety, NMITLI-118.” Tenure up to – 31.03.2023
011	Project Associate-I One (02)	M.Sc. in Organic Chemistry with NET / GATE qualification	Experience in synthetic organic / medicinal chemistry lab work.	Rs. 31,000/- p.m. +HRA	35 Yrs.	CSIR (MLP2032) “Discovery of selective KOR ligands for the Treatment Resistant Depression and Neuropathic pain” Tenure up to – 31.03.2025,
012	Project Associate-I One (05)	M.Sc. in Organic Chemistry/Chemistry/ Chemical Sciences/ Pharmaceutical Chemistry	Experience in synthetic chemistry, OR Experience of working in chemistry lab / project work, OR Experience in synthesis/ Medicinal Chemistry, OR Experience in Organic synthesis. would be useful for the project progress.	(i) Rs. 31,000/- + HRA p.m. to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 25,000/- + HRA p.m. for others who do not fall under (i) above	35 Yrs.	CSIR (MLP2031) “Chemical biology approaches towards dissecting non-canonical protein functions and novel targets in Malaria, Leishmania and Filariasis parasites.” Tenure up to – 31.03.2025, CSIR (HCP0038) “CSIR Phytopharmaceutical Mission (Phase-2)” Tenure up to – 31.03.2023 CSIR (HCP0039) “Progressing CSIR molecules for filing Investigational New Drug (IND) Application” Tenure up to – 31.03.2024 CSIR (HCP0041) “Antiviral Mission CSIR: Discovery & Pre-clinical Development of Antivirals for COVID-19 & other diseases.” Tenure up to – 31.03.2023

013	Senior Project Associate One (01)	M.Sc. (Organic Chemistry/ Chemistry with organic major) with Ph.D. in Chemistry	The work of the thesis should be in the area of synthetic organic chemistry or medicinal chemistry as endorsed by research publications in peer-reviewed journal (as first author) or patent application filed. a) Experience in medicinal chemistry with the objective of preparing chemical libraries for biological activity following contemporary synthetic organic chemistry , b) Research publications in high impact peer reviewed journals, c) Knowledge about biochemical targets for neuropathic pain or the area of neurosciences and d) Good communication skills will be preferred. Applicants are required to make a 10 min presentation (not more than 5 slides) of their Ph.D work.	Rs. 42,000+18% HRA p.m.	40 Yrs.	SERB, DST (GAP0397) “Design and Synthesis of Biased Kappa Opioid receptor Agonists for treating chronic Pain” Tenure up to – 31.03.2025,
014	Scientific Administrative Assistant One (01)	BCA	Knowledge of computer application	Rs. 18,000/- p.m. +HRA	50 Yrs.	CSIR (MLP2032) “Discovery of selective KOR ligands for the Treatment Resistant Depression and Neuropathic pain” Tenure up to – 31.03.2025

* Projects Scientists B, C and D (fresh / existing) who are recruited in projects that were approved through SFC/EFC/Cabinet notes and by the competent authority for undertaking the R&D work of the Science Ministries and their institutions with the prescribed qualifications or Master’s Degree in Science or Bachelor’s Degree in Engineering or Technology with minimum 60% marks from a recognized University or equivalent would be subsumed into the approved categories (Project Scientist I,II and III) by mapping their experience and age limit. The remuneration of existing manpower in the earlier post would be protected.

Step by Step procedure for Engagement of Project Staff through online

1. The candidate will apply online through the link.
2. Received applications will be screened by duly constituted Standing Screening Committee. The Screening Committee may fix different set of criteria to short-list the candidates as per the project requirement. The Screening Committee will screen all applications received for the specified project and recommend eligible candidates will be called for online interview. In case of false information received through online application, the competent authority will cancel the candidature of the applicant and debarred for attending the interview in future.
3. Eligible applicants may be called for interview through online and Interview letter will be sent him/her through e-mail intimating the date & time of Interview, link/reference of online mode, terms & conditions, if any. The candidate will be allowed to join only after verification of original certificates and other information found correct.
4. Based on the performance of the candidates and availability of suitable candidates, Selection Committee may also recommend Panels for future engagement in different projects as and when need arises. The engagement process will be complete after the joining of the candidates.

General Conditions

1. Age relaxation will be admissible to SC/ST/OBC/PWD & Women candidates as per CSIR/Funding Agency Guidelines.
2. The date for determining age/qualification and experience shall be the last date of submission of online application.
3. The above positions are purely temporary and co-terminus with the aforementioned projects. The engagement in these projects will not confer any right implicit or explicit on the candidate for consideration for regularization against any CSIR/CDRI post(s).
4. The number of positions against the various projects can vary at the time of selection depending on the requirement of the institute.
5. Extension beyond two years / movement from one level to next shall be subject to performance review by a committee.
6. Position Code will be cancelled if funds are not available in the advertised concerned project.
7. The Director, CSIR-CDRI has discretion to increase or decrease the number of positions or cancel the recruitment process at any stage.