



सी.एस.आई.आर.-केन्द्रीय औषधि अनुसंधान संस्थान, लखनऊ  
(बैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
सेक्टर 10, जानकीपुरम विस्तार, सीतापुर रोड, लखनऊ - 226 031 (भारत)  
**CSIR - Central Drug Research Institute**  
(Council of Scientific & Industrial Research)  
Sector 10, Janakipuram Extension, Sitapur Road, Lucknow - 226 031 (India)



विज्ञापन सं० 05/2022

**Advertisement No. 05/2022**

Start Date for Registration for Online Application: 18/08/2022, 10:00 Hrs IST

Last Date for Registration & Submission of Online application: 31/08/2022, 17:30 Hrs IST

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

**A unique opportunity for research career in Science & Technology in the area of Drugs, Pharmaceuticals and Biomedical Research**

CSIR-Central Drug Research Institute, Lucknow, a premier Institute under Council of Scientific and Industrial Research (CSIR), is involved in multidisciplinary R&D programs of both basic and applied nature. CSIR-CDRI is a pioneer biomedical research organization in India and has the infrastructure and expertise to develop a drug from concept to commercialization. In the year 2012, CSIR-CDRI shifted to its state of the art new campus, which has been set up with a vision to serve as a Nodal Center of CSIR in new drug discovery and development. Spread across ~61 acres, it houses an R&D Complex, Support Services, Guest House, Hostel and Staff Quarters. Please visit <http://www.cdri.res.in> for further information.

With the aim to expand and strengthen the areas of Neuroscience, Cancer, Endocrinology and metabolic disease, Clinical Pharmacology, Toxicology, Pharmaceutics and Pharmacokinetics, Medicinal Process Chemistry, Natural Product Chemistry, Biochemistry and Structural Biology, the Institute is looking for enthusiastic, talented young researchers / professionals with brilliant academic record, proven scientific achievements and zeal to conduct research as per the mandate of the Institute aligned with National Missions.

Position code No./ पोजीशन कोड सं०	Name & No. of Positions/ पोजीशन का नाम तथा सं०	Essential qualifications/ अनिवार्य योग्यता	Desirable qualifications/ Job Requirement/ अधिमानी योग्यता/ जाँब रिक्वायरमेंट	Stipend/ मानदेय	Upper Age limit/ अधिकतम आयु	Title & Tenure of the project/ परियोजना का शीर्षक एवं अवधि
001.	Project Assistant One (01)	B.Sc. in Life Sciences/ Biotech/ Related area	Lab work exposure/ training	Rs. 20,000 + 16% HRA p.m.	50 Yrs.	<b>DBT (GAP0395)</b> “Apelin-ACE2 axis fate in hypertension and macrophage syndrome as complications in COVID-19: focus on gender, age and comorbidities” Tenure up to – 15.02.2026
002.	Project Assistant One (01)	M.Sc. in Life Sciences	Research Experience	Rs. 31,000/- p.m.	30 Yrs.	<b>ICMR (GAP0366)</b> “Investigation of Oxidative stress induced epigenetic causes and their mechanism in male infertility” Tenure up to – 24.03.2024
003.	Lab Technician One (01)	B.Sc. in Life Sciences	M.Sc. or Research experience	Rs. 20,000+HRA p.m.	50 Yrs.	<b>CSIR-IGIB (GAP0405)</b> “Microlabs based genomics surveillance of the SARS-CoV-2” Tenure up to – 31.10.2022
004.	JRF (Project) One (01)	Master degree in Life Science/ Biology/ Biotechnology or related area of biology with NET/ NET(LS)/ GATE qualified	Experience in molecular/ cellular biology techniques	Rs. 31,000 + 16% HRA p.m. .	28 Yrs.	<b>ICMR (GAP0388)</b> “Characterization of VKORC1 SNP rs7294 and its effect on microRNA mediated regulation of VKORC1 ” Tenure up to – 02.01.2024
005.	Project Associate-I Two (02)	M.Sc. in Life Sciences/ Biological Sciences with NET/GATE qualified	Experience in animal experiment and molecular biological technique.	Rs. 31,000+ HRA p.m.	35 Yrs.	<b>CSIR (MLP2035)</b> “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  <b>CSIR (MLP2028)</b> “Research in ASTHI: Pre-clinical Development of CDRI optimized lead molecules as dual osteogenic and

006.	Project Associate-I One (01)	M.Sc. in Life Sciences (Optional expertise in Bioinformatics & Cell Culture)	Expertise in Bioinformatics	(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.	<b>CSIR (HCP0040)</b> “PAN CSIR CANCER RESEARCH PROGRAM Making Cancer Care Affordable Empowering Women’s Health: Focusing on Breast and Gynecological Cancers of Indian Relevance.” Tenure up to – 31.03.2026
007.	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.	<b>DBT (GAP0384)</b> “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
008.	Project Associate-I One (01)	M.Sc. in Virology/ Biochemistry/ Biotechnology	Prior experience in Virology and/ cell biology/ Biochemistry/ Microscopy and Spectroscopy	Rs. 25,000+18% HRA	35 Yrs.	<b>DBT (GAP0398)</b> “Development of novel antiviral nanoparticles against enveloped viruses utilizing host cell plasma membrane derived vesicles.” Tenure up to – 30.01.2027
009.	Project Associate-I One (01)	M.Sc. in Life Sciences with NET/ NET(LS)/ GATE	Cell Culture & animal work experience	Rs. 31,000+ HRA p.m.	35 Yrs.	<b>CSIR (HCP0039)</b> “Progressing CSIR molecules for filing Investigational New Drug (IND) Application” Tenure up to – 31.03.2024
010.	Project Associate-I One (01)	M.Tech / M.Sc. in Biochemistry/ Biotechnology/ Life Science with NET/ GATE qualified	Experience in animal work	Rs. 31,000+ HRA p.m.	35 Yrs.	<b>Tulsi Rural Development Trust (CLP0001)</b> “Pre-Clinical development of carbon nanospheres conjugated HAT activator (CSP-TTK21).” Tenure up to – 03.05.2023
011.	Project Associate-II One (01)	Masters degree in Life Sciences+2 years research experience with NET/ GATE qualified	Reproductive and Circadian rhythm	Rs. 35,000+ HRA p.m.	35 Yrs.	<b>CSIR TLP0015 (NMITLI)</b> “Industrially Scalable Ashwagandha (Withania Somnifera) charged formulation for better bone health.” Tenure up to – 31.03.2024
012.	Senior Project Associate One (01)	M.Sc. in Biochemistry/ Biotechnology with Four years Research Experience <b>OR</b> Ph.D. in Life Science	Experience in Molecular biology and Protein Chemistry / Trained in Yeast Genetics, Transcription and Gene regulation studies.	Rs. 42,000+ HRA p.m.	40 Yrs.	<b>SERB, DST (GAP0390)</b> “The identification of atypical RNA polymerase II CTD phosphatases and their role in mRNA transcription.” Tenure up to – 30.12.2024
013.	Research Associate One (01)	M.Sc. Ph.D. in Life Sciences	Experience in cell biology, cell culture, animal model & molecular biology techniques.	Rs. 47,000+ HRA p.m.	40 Yrs.	<b>Central Council for Research Ayurvedic Sciences, Ministry of AYUSH, Govt. of India (CLP0003)</b> “Mechanistic studies with Withania Somnifera extracts and its major <i>phytoconstituents</i> on innate immune

						experimental animal models of immunosuppression and inflammation” Tenure up to – 30.03.2025
014.	JRF (Project) One (01)	M.Pharm. with GPAT qualified	Training in cell culture and animal CVS & Inflammation	Rs. 31,000+ HRA p.m. .	28 Yrs.	<b>Central Council for Research Ayurvedic Sciences, Ministry of AYUSH, Govt. of India (CLP0003)</b> “Mechanistic studies with Withania Somnifera extracts and its major <i>phytoconstituents</i> on innate immune cell responses and their efficacy in experimental animal models of immunosuppression and inflammation” Tenure up to – 30.03.2025
015.	JRF (Project) One (01)	M.Pharm with GATE/ GPAT qualified	Immunology and/animal handling training.	Rs. 31,000+ HRA p.m. .	28 Yrs.	<b>Central Council for Research Ayurvedic Sciences, Ministry of AYUSH, Govt. of India (CLP0003)</b> “Mechanistic studies with Withania Somnifera extracts and its major <i>phytoconstituents</i> on innate immune cell responses and their efficacy in experimental animal models of immunosuppression and inflammation” Tenure up to – 30.03.2025
016.	JRF (Project) One (01)	M.Pharm. with GATE/GPAT qualified	Experience in the area of Formulation development and Pharmaceutical Analysis	Rs. 31,000+16% HRA p.m. .	28 Yrs.	<b>ICMR (GAP0369)</b> “Design and Development of injectable and biodegradable in situ depot forming lyotropic liquid crystal system for controlled intratumoral drug delivery” Tenure up to – 27.01.2024
017.	Project Associate-I One (01)	M.Pharm/ MS (Pharm) with GPAT qualified	Research experience, Pharmacology, Pharmaceutics, Pharmacokinetics, Animal Experiment	Rs. 31,000 + 18% HRA p.m.	35 Yrs.	<b>CSIR (HCP0041)</b> “Antiviral Mission CSIR: Discovery & Pre-clinical Development of Antivirals for COVID-19 & other diseases.” Tenure up to – 31.03.2023
018.	Project Associate-I One (01)	M.Sc. in Chemical Sciences/ Chemistry	Experience in Organic synthesis	(i) Rs. 31,000/- + 18% 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/- + 18% HRA p.m. for others who do not fall under (i) above.	35 Yrs.	<b>CSIR (HCP0041)</b> “Antiviral Mission CSIR: Discovery & Pre-clinical Development of Antivirals for COVID-19 & other diseases.” Tenure up to – 31.03.2023
019.	JRF (Project) One (01)	M.Sc. in Chemistry with CSIR NET or GATE qualified		Rs. 31,000+HRA p.m. .	28 Yrs.	<b>SERB, DST (GAP0387)</b> “Molecular Editing, Late Stage Modification and Bio-Conjugation of Novel Antimicrobial Peptides and Antibiotics”

020.	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.	<b>SERB, DST (GAP0397)</b> “Design and Synthesis of Biased Kappa Opioid receptor Agonists for treating chronic Pain” Tenure up to – 18.03.2025
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**Step by Step procedure for Engagement of Project Staff through online**

1. The candidate will apply online through the link.
2. All 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/ Govt. of India 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. Position Code will be cancelled if funds are not available in the advertised concerned project.
6. The Director, CSIR-CDRI has discretion to increase or decrease the number of positions or cancel the recruitment process at any stage.