



राष्ट्रीय औषधीय शिक्षा एव अनुसंधान संस्थान (नाइपर)  
National Institute of Pharmaceutical Education & Research (NIPER)  
सैक्टर-67, एस. ए. एस. नगर (मोहाली), पंजाब -160062  
www.niper.gov.in, Ph: 0172-2292000, 2214682-83 & 2214688

**ENGAGEMENT OF TEMPORARY POSITIONS UNDER CoE**  
(Advt. No. 06/2025 dated 14.06.2025)

The National Institute of Pharmaceutical Education & Research (NIPER), SAS Nagar is an autonomous institute of National importance set up by the Government of India, under the Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers by an Act of Parliament, to impart higher education and undertake advanced research in the field of pharmaceutical sciences, technology and management. The Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India has launched the Scheme for "Promotion of Research and Innovation in Pharma MedTech sector (PRIP)" with the goal of transforming India into a global powerhouse for R&D in the Pharma MedTech sector. Under this scheme, National Institute of Pharmaceutical Education and Research (NIPER) Mohali is establishing Centre of Excellence (CoE) in Anti-viral and Anti-bacterial drug discovery and development in its campus at NIPER Mohali.

The Institute is looking for dynamic, result oriented and experienced professionals for the following temporary positions under Centre of Excellence (CoE) initially for a period of one (01) year which may be extended on case-to-case basis depending upon the job/specific requirement and performance of the individuals:

Positions	No. of Position	Upper age limit	Remunerations* (Fixed)
Scientific Coordinator	03	40 years	Rs. 58,000/- pm
Sr. Research Fellow	06	37 years	Rs. 42,000/- pm
Technical Assistant	08	35 years	Rs. 37,000/- pm
Clerk	02	35 years	Rs. 30,000/- pm

\*HRA as admissible or hostel facility, if available

**Essential & Desirable Qualification and Job Responsibilities:**

Post Code	Post Name	Essential Qualification	Desirable Qualification	Job Responsibilities
CoE-C1	Scientific Coordinator	Ph.D. in Pharmaceutical Sciences/Biological Science/ Chemical Science/ Pharmacoinformatics/ Cheminformatics/ Bioinformatics/ with relevant experience.	Experience in development of AI/ML based predictive algorithm to identify potential antivirals. Experience in CADD/ Drug targets identification/ /Omics based antiviral drug discovery. Experience in database development and management.	Candidate will perform AI/ML based predictive algorithm to identify potential antivirals and CADD /Drug targets identification/Omics based antiviral drug discovery. Additionally, candidate will be responsible for database development and management.
CoE-C2	Scientific Coordinator	Ph.D. in Pharmaceutical Sciences/ Life Science/ Microbiology/ Biotechnology with relevant experience	Research experience in handling BSL2/3 bacterial pathogens and drug screening/ Molecular Biology/ diagnostic assay development/molecula	Candidate will be actively involved in the antibacterial drug discovery work (screening the synthetic compounds, natural products and biologics).

			r recognition element (aptamers, antibodies, and nanobodies development).	He/She will also be responsible for diagnostic assay development work. Additionally, candidate will be responsible for data management and report preparation.
CoE-C3	Scientific Coordinator	Ph.D. in Pharmaceutical Sciences/Life Science/Chemical Science/Microbiology/Biotechnology with relevant experience.	Research experience in molecular biology, or protein chemistry, or cell culture, or BSL2/BSL3 pathogen handling.	Candidate will be actively involved in the antiviral drug discovery and development. He/She will also be responsible for antiviral assay development work. Additionally, candidate will be responsible for data management and report preparation.
CoE-SRF-1	Senior Research Fellow	M.S.(Pharm.) / M. Pharm. in Pharmaceutics / Pharmacology/ Pharmacology & Toxicology /Pharmaceutical Technology (Formulation) / Pharmaceutical Biotechnology with two year of relevant experience.	Hands on experience of novel formulation development, mammalian cell culture work and animal model development and efficacy testing preferably by pulmonary route of administration.	Nanoformulation development and characterization, cell culture-based studies and molecular biology-based experiments, animal work involving pharmacokinetic and efficacy studies by pulmonary route of administration
CoE-SRF-2	Senior Research Fellow	M.S.(Pharm.) / M. Pharm. / M. Tech. (Pharm.) or with specialization in Pharmaceutics/Pharmaceutical Technology (Formulation) / Drug delivery or equivalent with two year of relevant experience	Candidates having minimum 2 year of experience in the Development and characterization of drug delivery systems like nanoparticles, microparticles and transdermal.	Development and characterization of drug delivery systems like nanoparticles, microparticles and transdermal.
CoE-SRF-3	Senior Research Fellow	MS(Pharm.)/ M. Pharm. / M. Tech. (Pharm.)/M.Sc. Chemistry specialized in Medicinal Chemistry or Pharmaceutical chemistry or Process Chemistry or Organic Chemistry / M. Pharma with two year of relevant experience.	2-year Experience in organic synthesis in academic or industrial research laboratory.	To carryout organic synthesis of antibacterial/antiviral compounds
CoE-SRF-4	Senior Research Fellow	M. Pharm./M.S./M. Tech. in Natural products/ Pharmaceutical Chemistry and process chemistry/ Medicinal Chemistry with	2-year Experience in Isolation and characterization of phytochemicals and/or	Isolation and characterization of phytochemicals and/or preparation of enriched

		two years of relevant experience.	preparation of enriched fractions from Indian medicinal plants for anti-viral and anti-bacterial bioassay.	fractions from Indian medicinal plants for anti-viral and anti-bacterial bioassay.
CoE-SRF-5	Senior Research Fellow	M. Pharm./ M.S.(Pharm.) /M. Tech. in Pharmaceutical Sciences/ Life Science/ Biotechnology/ Pharmacology & Toxicology or equivalent or M.Sc. Biotechnology/ Microbiology / Biotechnology or equivalent with two year of relevant experience.	2-year Research experience in molecular biology, or protein chemistry, or cell culture, or BSL2/BSL3 pathogen handling.	Candidate will be actively involved in the antiviral drug discovery and development. He/She will also be responsible for antiviral assay development work.
CoE-SRF-6	Senior Research Fellow	M. Pharm./ M.S.(Pharm.) /M. Tech. in Pharmaceutical Sciences/ Life Science/ Biotechnology/ Pharmacology & Toxicology or equivalent or M.Sc. Virology/ Microbiology/ Biotechnology/ Life science/ Biological Sciences or equivalent with two years relevant experience.	Research experience in molecular biology, or Virus/bacterial culture, Antiviral/antibacterial Screening/ cell culture/ BSL2/BSL3 viral/bacterial pathogen handling. /Drug targets identification /Omics based drug discovery.	Candidate will be actively involved in the antiviral/antibacterial drug discovery and development. He/She will also be responsible for antiviral assay development work, drug targets identification, Omics based drug discovery. Additionally, candidate will be responsible for data management and report preparation.
CoE-TA1	Technical Assistant	M.S.(Pharm.) / M. Pharm. in Pharmaceutics /Pharmaceutical Technology (Formulation) or equivalent	Candidates having experience in the Development and characterization of drug delivery systems like nanoparticles, microparticles and transdermal.	Candidate will be responsible for developing and characterizing drug delivery systems like nanoparticles, microparticles and transdermal.
CoE-TA2	Technical Assistant	M. Pharm/ M.S. (Pharm.)/M. Tech/ M. Sc. Pharmacoinformatics/ Chemistry/ Cheminformatics/ Bioinformatics	Experience with rdkit, Python programming – experience with building automated pipeline, Extensive knowledge of GROMACS MD package, Free Energy methods such as MM/PBSA and FEP, small-molecule force-field parameterization, Quantum Chemistry	The candidate is expected to perform Computational-Aided-Drug-design for anti-bacterial agents by employing virtual screening, molecular docking, molecular dynamics simulations and free energy calculations.

			software such as Gaussian or GAMESS, Virtual Screening	
CoE-TA3	Technical Assistant	M.S.(Pharm.) / M. Pharm./M.Tech in Pharmaceutics /Pharmaceutical Technology /Pharmaceutical Analysis or M.Sc. Chemistry/Biotechnology or equivalent	Hands-on in operation of chromatographic techniques like HPLC/HPTLC/ GCMS Or in isolation of small molecules/ peptides from plants / microorganisms.	Candidate will be responsible for isolation of small molecules/ peptides from plants / microorganisms.
CoE-TA4	Technical Assistant	MS(Pharm.) / M.S./ M. Pharm. / M. Tech. (Pharm.)/Medicinal Chemistry or Pharmaceutical chemistry or Process Chemistry or M.Sc. Chemistry/Biochemistry / Microbiology / Biotechnology/ Life sciences	Research experience in handling BSL2/3 bacterial pathogens and drug screening/ Molecular Biology/ medicinal compound synthesis/diagnostic assay development/molecular recognition element	Working on screening of compounds for antibacterial activities against important bacterial pathogens.
CoE-TA5	Technical Assistant	M.S.(Pharm.) / M. Pharm./M.Tech in Pharmaceutics /Pharmaceutical Technology /Pharmaceutical Analysis M.Sc. in chemistry or Polymer chemistry or equivalent	Research experience in polymers, hydrogels, wound healing patches	Will be responsible for stretchable hydrogel preparation and wound healing patches
CoE-TA6	Technical Assistant	MS(Pharm.) / M.S./ M.Pharm. / M.Tech. (Pharm.)/M.Sc. Chemistry specialized in Medicinal Chemistry or Pharmaceutical chemistry or Process Chemistry or equivalent	Experience in organic synthesis in academic or industrial research laboratory.	To carryout organic synthesis of antibacterial/antiviral compounds
CoE-TA7	Technical Assistant	M.S. (Pharm.) / M. Pharm / M. Tech. In Biotechnology/ MSc in Biochemistry / Microbiology / Biotechnology/ Life sciences or equivalent	Experience of handling bacterial cultures (BSL2/BSL3) and antibacterial screening	Working on screening of compounds for antibacterial activities against important bacterial pathogens.
CoE-TA8	Technical Assistant	M.S.(Pharm.) / M. Pharm. in Pharmaceutics /Pharmaceutical Technology (Formulation) or equivalent	Candidates having experience in the drug delivery systems.	Candidate will be responsible for developing and characterizing drug delivery systems.
CoE- Clerk	Clerk	Graduation degree in any subject from a recognized University/Institute with working knowledge of computer in MS Office (MS Word, MS Excel, MS Access,	Science graduate with experience in recognized academic Institutes/ Universities/ Research	Candidate will carry out routine office work, data entry, data compilations, presentation and report preparation.

	MS Power Point) and 02 years experience in data entry, data compilation, making presentations and reports preparation	Institutes may be preferred	
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### General Information:

1. The positions are purely on temporary basis initially for a period of one (01) year which may be extended for other term(s) on case to case basis depending upon the job/specific requirement and performance of the individuals.
2. Only eligible Indian nationals having proven track record, command, expertise and deep knowledge in the respective area may apply.
3. Application form is available on the Institute's website <<http://nipер.gov.in/jobs>>. The candidate(s) who fulfill the eligibility criteria, may submit the hard copy of application(s) in the prescribed application form along with attested copies of testimonials / degrees/ certificates, wherever applicable etc., in support of the averments made in the qualification, experience and other columns in the application form along with latest passport size photograph with proof of payment of prescribed fee, wherever applicable.
4. Incomplete application or without relevant supporting enclosures (i.e. self attested copies of degree /certificates/marks sheets/experience certificates, without photographs, signatures and prescribed fee, wherever applicable) will be out-rightly rejected.
5. The application fee prescribed for the post is mentioned below:
  - i. for General and OBC candidates: **Rs. 500/-**
  - ii. for SC/ST/PwBD/Female candidate: **NIL**

The above prescribed application fee is required to be submitted through NEFT mode only. The proof of payment of prescribed fee payable through NEFT in the Institute's Bank is required to be attached.

Details of the Institute's Bank is as under:

Account Name:	Director, NIPER, SAS Nagar
Name of the Bank:	State Bank of India, SCF No.32, Phase -X, Sector- 64 SAS Nagar-160062
Bank Account No.:	5 5 0 3 4 5 4 9 6 2 3
IFSC Code:	S B I N 0 0 4 4 2 1

6. Candidates applying for more than one position need to fill separate application forms supported by all relevant documents in support of essential qualification, experience claimed with requisite application and fee as specified at Point No. 5 above. Application form without supporting documents and prescribed fee shall be summarily rejected and no further correspondence in this regard shall be entertained in any circumstances.
7. Age relaxation for SC / ST / OBC / PwBD etc. will be as per the Government of India rules. The candidates are required to attach valid proof for claiming relaxation as per the guidelines prescribed by the Government of India from time to time.

8. The Competent Authority may relax the experience and age in case of exceptionally meritorious candidates.
9. Only shortlisted candidates will be called for interview. The result of shortlisted candidates shall be uploaded on Institute's website and also conveyed through e-mail provided in the application form to the shortlisted candidates for attending the interview. **No written or speed post communications shall be sent separately, and no claims of any kind shall be entertained in this regard.** However, the candidates are advised to check NIPER website and their e-mails regularly.
10. No correspondence or query will be entertained from the candidates regarding the eligibility, status of applications, postal delays, result of interview/selection process and reasons for not being called for interview or selection etc.
11. The process of selection may include presentation / seminar / interview or any other process as decided by the competent authority.
12. No TA/DA shall be paid either for attending the interview or for joining the assignment.
13. The institute reserves the right to revise/reschedule/cancel/suspend the recruitment process without assigning any reason. The decision of the Institute shall be final, and no appeal shall be entertained.
14. The hard copy of duly filled application form in the prescribed proforma along with attested copies of all supporting documents in an envelope super-scribing the post applied for “\_\_\_\_\_” should be sent through **SPEED POST/REGISTERED POST/COURIER/BY HAND** to:

**THE REGISTRAR  
NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH  
SECTOR-67, S.A.S. NAGAR (MOHALI)-160062**

15. A scanned copy of duly filled application form in the prescribed proforma along with proof of payment of application fee, wherever applicable and all supporting documents towards claim of eligibility is also required to be sent (in .pdf format) through e-mail at [recruitmentcell@niper.ac.in](mailto:recruitmentcell@niper.ac.in). However, the application will only be considered on receipt of hard copy of application.
16. The last date for receipt of application forms is **30.06.2025 (Monday), 05:00 pm.**
17. The Institute will **NOT** be responsible for non-receipt of application(s) within the stipulated date due to any postal delay/loss of application/document sent in transit. **Late receipt of applications may not be considered and applications received after due date i.e. 30.06.2025 (Monday) shall not be entertained at any circumstances.**
18. **CANVASSING IN ANY FORM MAY LEAD TO CANCELLATION OF CANDIDATURE.**

**कुलसचिव**

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