

DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY
Pushp Vihar, Sector-III, M.B. Road, New Delhi – 110017
Website: <https://dpsru.edu.in>

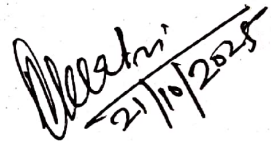
ADVERTISEMENT FOR INTERVIEW-BASED SELECTION

(Under ANRF-PAIR Project No. No.ANRF/PAIR/2025/000029/PAIR)

Eligible candidates are invited for interview-based selection to the temporary project positions under the ANRF-PAIR-sponsored project- Senior Project Associate 06 (UR-05, OBC-01), Research Associate-I (01), Project Assistant (01)

For details regarding qualifications, experience, age limits and other conditions visit <https://dpsru.edu.in>. The positions will be filled through interview based selection (no prior shortlisting).and are purely temporary and co-terminus with the project. Candidates must self-ascertain eligibility and report with **duly filled application form** (available on <https://dpsru.edu.in>.) with attachments alongwith original documents for verification.

Date of Interview: 8th Nov 2025. Reporting Time: 09:00 AM
Venue: Auditorium, DPSRU, Pushp Vihar, Sector-III, New Delhi – 110017


Offg. Registrar, DPSRU

DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY

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ADVERTISEMENT NOTICE FOR INTERVIEW-BASED SELECTION

(Under ANRF-PAIR Grant Project No.ANRF/PAIR/2025/000029/PAIR)

INTERVIEW-BASED SELECTION will be conducted for the following positions available purely on a temporary basis as per University and ANRF norms. Candidates must report with **duly filled application form** (available on <https://dpsru.edu.in/>) and one set of self-attested copies of educational qualifications, experience, publications, valid ID proof etc along with original documents for verification before interview.

Date: 8th Nov 2025 **Reporting Time:** 09:00 AM **Venue:** Auditorium, DPSRU Campus, Pushp Vihar, Sector-III, New Delhi-110017

Position	Number	Monthly emolument(₹)	Tenure	Essential Qualifications	Desirable skills with expertise and publications in assay system
Project Assistant	1	27000+H RA 30%	Upto 5 years(initially for 1 year, extendable based on performance)	Bachelor's degree in science / Diploma in Engineering or Technology	
Senior Project Associate	6 (5 UR, 01 OBC)	57000 +HRA 30%	Upto 5 years (initially for 1 year, extendable based on performance)	Four years Bachelor's Degree in Natural Sciences / Master's Degree in Natural Sc/BVSc / BPharm or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent AND Four years' experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services	1. Harnessing different chemical libraries like Zinc 15/20, Pubchem etc for virtual screening 2. Analysis of protein-ligand binding interactions using Molegro, Maestro etc 3. Utilizing <i>in-silico</i> tools like Swiss Target Prediction, Swiss ADME to find drug like molecules using Lipinski rule of 5 and further



				OR Master's Degree in Engineering or Technology from a recognized university or equivalent AND Two year's experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services OR Doctoral Degree in Science / Engineering / Technology / Pharma MD / Master of Surgery from a recognized University or equivalent	eliminating the toxic molecules from the developed library 4. Preformulation studies: solubility studies, permeability assays, solution & solid stability, compatibility studies 5. Analytical method development & validation HPLC/LC-MS 6. Development & optimization of the conventional & novel formulations (using QbD/Gastropius) 7. Physicochemical & biological characterization (ex vivo, in vivo) of formulations 8. In vitro studies and analysis of formulations: study of in vitro drug release mechanism (kinetics study) 9. Preformulation studies: solubility studies, permeability assays, solution & solid stability, compatibility studies 10. Sample Tracking & Data collection- clinical metadata entry, Tissue Quality Control, Blood/Fecal Sample Processing: <i>PBMC isolation</i> using Ficoll gradient, Data Coordination. 11. Transcriptomics and Proteomics Profiling : RNA extraction, Library preparation, RNA-Seq workflow, Sample QC, <i>Next-generation sequencing</i>: data visualization. 12. Proteomics (Metaproteomics / Tumor Proteome): Protein extraction, protein quantification, trypsin digestion, Sample prep for LC-MS/MS, GO term enrichment and pathway mapping (e.g., <i>DAVID</i>, <i>Metascape</i>), Maintain sample record, QC records, and experiment run sheets, document SOPs
Research Associate-	1	58000 +HRA 30%	Upto 5 years (initially for 1 year, extendable based on performance)	Four years Bachelor's Degree in Natural Sciences / Master's Degree in Natural Sciences / BVSc / B. Pharm or Bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent and Eight years' experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services, out of which four years should be in science and technology program, planning, development and co-operation OR Master's Degree in Engineering or Technology from a recognized university or equivalent and Six years' experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services OR Doctoral Degree in Science / Engineering / Technology / Pharma / MD / Master of Surgery from a recognized University or equivalent and Four year's experience in R&D in industrial and academic institutions or S&T organizations and scientific	

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					13. In Vivo Animal Modeling, In Vitro Efficacy Assays, Pharmacokinetics (PK) : Dosing and Sampling, Plasma separation, LC-MS/MS-based assay, Pharmacodynamics-Biomarker Evaluation, Documentation: logbooks with ethics compliance. 14. R package for-analysis of biological data, R for meta, PhVID for disproportionality analysis (frequency based and Bayesian methods), GRADE pro for GRADE analysis, Evidence Gap Map Analysis, Genome-wide association analysis with longitudinal phenotypes using fGWAS of R package. GROMAC for molecular simulation studies includes DCCM and PCA analysis, Network creation and analysis
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Service conditions of project manpower 1. Age Limit: Upper Age Limit for all the manpower positions specified in Table will be 50 yrs. The service duration will not exceed beyond 60 yrs of age. 2. Dearness Allowance (DA) & Child Care Allowance (CCA): Manpower in projects are not entitled to DA & CCA. 3. House Rent Allowance (HRA): HRA is allowed as per Central Government norms applicable in the city/location where they are working. 4. Medical Benefits: The Project manpower will be entitled for medical benefits applicable as per DPSRU norms. 5. Leave and other entitlements: The project manpower is entitled to leave as per rules of DPSRU. 6. Bonus, Gratuity & Leave Travel Concession: The project manpower will not be entitled to these allowances. 7. Remuneration is taxable as per norms. 8. All manpower positions are purely temporary and co-terminus with the project. 9. Canvassing in any form will lead to disqualification. 10. The University reserves the right to cancel/modify the recruitment process or increase/decrease the number of positions at any stage without assigning any reason. 11. No TA/DA will be paid for attending the interview.

Dr. R.C.Khatr

**Offg. Registrar
Delhi Pharmaceutical Sciences and Research University (DPSRU)**



DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY (DPSRU)

Pushp Vihar, Sector-III, M.B. Road, New Delhi-110017

APPLICATION FORM

**(For Interview-Based Selection under ANRF-PAIR Grant Project No.
ANRF/PAIR/2025/000029/PAIR)**

1. Post Applied For

☐ Project Assistant ☐ Senior Project Associate ☐ Research Associate-I

2. Personal Information

Full Name (in Block Letters)

Father's / Mother's Name

Date of Birth (DD/MM/YYYY)

Age (as on date of interview)

Gender

Nationality

Category (UR/OBC/SC/ST/EWS)

Marital Status

Aadhaar / PAN No.

Correspondence Address

Permanent Address

Mobile No.

Email ID

3. Educational Qualifications

Examination	Board/Unive rsity	Year of Passing	Division/Gra de	Percentage/C GPA	Subjects / Specializatio n
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4. Experience Details

Designation	Institution / Organization	Duration (From-To)	Total Period	Nature of Work / Key Responsibilities
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(Attach additional sheet if required)

5. Publications / Research Output (if applicable)

List up to five most relevant publications or attach a complete list as an annexure.

S. No.	Title of Paper	Journal / Book	Year	DOI / ISSN
1				
2				
3				
4				
5				

6. Technical Skills / Areas of Expertise

- ☐ Virtual Screening & Molecular Docking (Zinc15, PubChem, Molegro, Maestro)
- ☐ Synthetic chemistry
- ☐ In-silico ADME/Toxicity Prediction (SwissADME, SwissTarget)
- ☐ Analytical Techniques (HPLC / LC-MS / LC-MS-MS)
- ☐ Formulation Development (QbD, GastroPlus)
- ☐ Preformulation & Stability Studies
- ☐ Transcriptomics / Proteomics / Bioinformatics Tools
- ☐ Animal Handling & Pharmacokinetics
- ☐ R / PhVID / fGWAS / GROMACS / Data Analysis
- ☐ Others (please specify): _____

7. References

Name	Designation	Institution	Email / Contact No.
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8. Declaration

I hereby declare that all the information provided above is true and complete to the best of my knowledge and belief. I understand that any false information or suppression of facts will disqualify me from consideration or result in termination if appointed.

Date: _____ Place: _____

Signature of Applicant: _____

Instructions to Candidates

1. Bring this filled-in form along with one set of self-attested photocopies of certificates and testimonials.
2. Bring all original documents for verification.
3. Reporting time: 09:00 AM, 8th November 2025.
4. Venue: Auditorium, DPSRU Campus, Pushp Vihar, Sector-III, New Delhi-110017.
5. No TA/DA will be paid for attending the interview.