



**National Institute of Pharmaceutical Education and Research (NIPER),
Hyderabad**

**Eligibility and desirable criteria for one Fellow/ Project Research Scientist-I (Non-Medical) position
under the ICMR Extramural Research - Small Grant (Purely temporary basis)
(Department of Medical Devices)**

Applications are invited from the eligible candidates for the position of **fellow/ project research scientist-i (non-medical)** under an ICMR-funded project entitled “**Affordable paper-based point-of-care device for rapid detection of glycoalyx markers for sepsis patients in the intensive care unit.**” the project is between NIPER, Hyderabad, and Employees State Insurance (ESI) Medical College and Super Speciality Hospital, Hyderabad.

Project number	IIRP-2023-7416
Position	Fellow/ Project Research Scientist-I (Non-Medical) (01)
Project duration	Three years
Salary	Rs. 56,000/- + 27% HRA of Rs.15,120/-; Total Rs. 71,120/- per month
Qualification	Essential: <ol style="list-style-type: none">1. First-class post-graduate degree (M.Sc./MS/Ph.D.) in Life Sciences/ Chemistry. An experience of 1 to 2 years and GATE/NET qualifications will be an added advantage. In exceptional cases, candidates with less experience can be considered.2. First-class post-graduate degree (M.Tech.) in Biomedical Engineering/ Bioengineering/ Biotechnology/ Medical Devices. GATE/NET qualification with experience in the relevant area will be an added advantage. Desirable: <ol style="list-style-type: none">1. Experience/ Knowledge in analytical chemistry, spectroscopy, especially electrochemistry.2. Experience/ Knowledge in working with lateral flow/paper-based devices and ELISA.3. Knowledge of imaging and image processing (using MATLAB or other software).
Age limit	35 years
Job profile	Fellow/Project Research Scientist-I (Non-Medical) will be involved in optimizing the paper-based microfluidic devices and lateral flow devices fabrication process. They will work extensively on designing, fabricating, and characterizing paper-based devices/lateral flow devices. They will be responsible for validating the device's standardization, validation, and comparison of the ELISA method and paper-based assay, as well as working closely with the Employees State Insurance (ESI) Medical College and Super Speciality Hospital, Hyderabad, team to test real samples. They will need to travel frequently to the ESI hospital, Hyderabad, for work related to the project.

Last Date of Submission of applications: 27th of February 2024 by 5 PM
Intimation to shortlisted candidates: 28th of February 2024 by 5 PM
Expected date of Interview: 08th of March 2024, preferably physically*
Expected date of joining the project: 15th of March 2024

Send your CV with copies of relevant certificates/publications with at least two recommendation letters to Dr. Amit Asthana (amit.asthana@niperhyd.ac.in or amitasthana4@gmail.com). The email Subject should be “ICMR-Project Fellow/ Project Research Scientist-I (Non-Medical) position.”

**Please note that no TA/DA will be paid to appear in the interview. Candidates are required to arrange their accommodation.*