

Call for Junior Research Fellow

Application Deadline: 8th October, 2025

Date: 09th September, 2025

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) under a sponsored research project, proposal no. SUG 2024-1305, under Start-up Grant funded by the Department of Health Research (DHR), Government of India. The position will be purely on contractual basis as per the following details:	
Position	Junior Research Fellow
Number of Vacancy	01
Funding Agency	Department of Health Research (DHR), ICMR, Government of India.
Principal Investigator (PI)	Dr. Shatabdi Paul, Assistant Professor, School of Biosciences and Technology, Galgotias University, Greater Noida, India
Co-PI	Dr. Sumedha Mukerjee, Assistant Professor, School of Biosciences and Technology, Galgotias University, Greater Noida
Project Tenure	3 Years
Project Description	The project involves a thorough investigation of the curcumin loaded lignin-based nanogels inflammatory responses for antimicrobial photodynamic therapy (PDT)
Job Description	<p>The selected candidate will work in GU and other collaborative institutes. He/She has to perform work on:</p> <p>Formulation Development: Design and develop nano-based drug delivery systems including nanoparticles, liposomes, nanoemulsions, and polymeric micelles.</p> <p>Characterization: Conduct physicochemical characterization (particle size, zeta potential, PDI, SEM/TEM, drug release, entrapment efficiency); ensure stability and scalability. He/She will also perform data analysis using OriginPro.</p> <p>Scale-Up & Translation: Support pilot-scale manufacturing and collaborate with industry/start-up incubators for technology transfer.</p> <p>Team Collaboration: Work with interdisciplinary research teams.</p> <p>The candidate will be responsible for managing daily lab activities, designing experiments, writing manuscripts, preparing progress reports and show his/her findings in various national and international platforms.</p>
Qualification	<p>M.Sc./M. Tech./M. Pharm./M.E./B.E./B.Tech in Life Sciences / Chemical Sciences / Pharmaceutical Sciences / Chemical Engineering / Biochemical Engineering or related field from a recognized University / Institute</p> <p>Desirable: CSIR-UGC NET, DBT, GATE, GPAT, ASRB-NET</p>

Upper Age Limit	Age not exceeding 30 years as of the date of the interview. Age relaxation is allowed as per government rule.
Fellowship/Stipend	JRF- Fellowship/Stipend 44,400/- (including HRA) per month for NET/GATE/GPAT/ASRB-NET/ DBT qualified candidates.
Registration for PhD	Selected candidate may be permitted to register for the PhD program of Galgotias University subject to fulfilling the requirements of the PhD qualification process as per the university norms.

How to Apply:

Applications along with an updated CV should email to director.research@galgotiasuniversity.edu.in and cc to shatabdi.paul@galgotiasuniversity.edu.in with the subject of the mail as '**Application for DHR/ICMR-JRF Project**'. Candidates will be shortlisted based on their merit and as per the requirements of the project. Shortlisted candidates will be informed of the interview which will be conducted through online mode/ offline mode. No TA/DA will be provided for attending the interview.