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IITGN

Research Associate Position in Active Matter Physics

The Laboratory of Soft and Living Materials at IIT Gandhinagar invites applications for a Research Associate I (RA I) position to work on a project focused on Enzyme-Driven Active Matter for Controlled Intracellular Transport and Delivery. This position is available immediately, offering an exciting opportunity for a highly motivated researcher to join a dynamic and interdisciplinary team.

Job Description: The Research Associate I will lead experimental studies on enzyme-driven active matter systems, focusing on their applications in intracellular transport and targeted delivery. This role includes designing and executing experiments, developing and managing cell culture facilities, and collaborating within a multidisciplinary team of biologists, engineers, and physicists. The successful candidate will also mentor graduate and undergraduate students, support the development of grant proposals, and foster productive research collaborations.

Eligibility: Candidates must hold a PhD in Physics, Chemistry, Biophysics, Biochemistry, or a related field; candidates who have submitted their doctoral thesis are also eligible to apply. A strong publication record in relevant research areas is required. The ideal candidate should have experience in rheology and micro rheology measurements of biomolecular and soft active materials, including enzyme or protein-based systems. Excellent written and oral communication skills, along with the ability to work independently and collaboratively, are essential. We are looking for an enthusiastic, self-motivated individual with a high level of attention to detail.

Appointment Details: This appointment is until 02 October 2026, with the possibility of extension based on performance and availability of funding. The monthly salary is Rs. 58,000 plus HRA, if applicable, as per IIT Gandhinagar norms. Candidates should be prepared to join within one month of receiving an offer.

Application Process: Interested candidates are encouraged to apply via this [Google Form](#). While the position will remain open until filled, priority will be given to applications received by 20 November 2025. Applications from candidates whose expertise does not align with the job description will not be considered. Only candidates whose qualifications and experience closely match the position requirements will be invited for an interview. Meeting the eligibility criteria does not guarantee an interview.

For further inquiries, please contact: Dr. Krishna Kanti Dey, Associate Professor, Laboratory of Soft and Living Materials, Indian Institute of Technology Gandhinagar, Email: k.dey@iitgn.ac.in