



भारतीय प्रौद्योगिकी संस्थान गाँधीनगर

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IITGN

Junior Research Fellow Position in Active Matter Physics

A Junior Research Fellow (JRF) position is available immediately in the laboratory of Dr. Krishna Kanti Dey at IIT Gandhinagar for a research project on bioactive microbubbles, funded by the Department of Science and Technology, Govt. of India.

Job Description: The candidate will be required to study the dynamics of bioactive microbubbles and their collective behaviour within microfluidic environment under different experimental conditions. We are looking for excellent, enthusiastic, and self-motivated researchers with relevant background and good communication skills (both written and oral) to join our research team. The candidate should have sufficient experience in working with biological and inorganic nanomaterials. Prior experience in working with enzymes and active matter will be given preference. Additionally, the candidates should be familiar with different microscopic and spectroscopic characterization techniques, and should have the ability and desire to work independently in a multi-disciplinary environment.

Eligibility: The applicants should have MSc in Physics/Applied Physics or MTech in related areas of Physics, and a valid NET/GATE qualification at the time of application.

Duration: The appointment is initially for six months (may be extended for another six months based on the performance of the candidate and availability of funds)

Remuneration: 31,000 per month, with HRA (if applicable), as per norms.

Application Procedure: Candidates must send their applications **via e-mail** to Dr. Krishna Kanti Dey (k.dey@iitgn.ac.in). The following documents must be sent as a **single pdf attachment** to the email: (1) Current CV, (2) one-page summary of previous research/work experience (if any), and (3) names and contacts of three referees. Processing of applications will start after the deadline of 20th May 2023, until the position is filled. Interested candidates are encouraged to apply as soon as possible.

For questions, please contact: Dr. Krishna Kanti Dey (k.dey@iitgn.ac.in)