

Call for postdoctoral positions

in
Mechanics of slender bodies

Applications are invited from motivated and qualified candidates for **two postdoctoral positions** in the mechanics of slender bodies.

Job Description: A successful candidate will conduct research along the broad theme of mechanics of slender bodies. The scope of the research includes, but is not limited to, solving free boundary contact problems in elastic rods, and constructing theoretical models describing deformations of ribbons made of light and heat activable soft materials (such as Nematic Polymer Networks). The position is ideally suited for applicants with a background in solid mechanics, and a strong interest in theoretical and analytical work.

Eligibility: A PhD in Mechanics/Mechanical/Civil/Aerospace Engineering or allied areas with specialization in solid mechanics or structures is required. Candidates who have submitted their dissertation are also eligible to apply. A good candidate will have, in addition to the aforementioned qualifications, good communication and writing skills, and a working knowledge of *Mathematica*/*Matlab*/*Python*. An ideal candidate will also be independent minded, and capable of driving research into uncharted territory.

Duration: One year appointment, with a possibility of extension for another year based on performance.

Remuneration: 50,000 INR per month + HRA (if on-campus accommodation is unavailable).

Application procedure: Interested candidates must apply [online](#). Applications sent through email will not be considered.

Deadline: 30th April 2023.

Contact: For any queries regarding the position, contact Harmeet Singh at harmmeet.singh@iitgn.ac.in.