



Advertisement for “Project Assistant II” at IIT Gandhinagar

Project title: Slippery Superhydrophobic Surfaces for Environmental and Biomedical Applications

Project description: Materials Engineering Department at IITGN is looking for a motivated Project Assistant to conduct research on novel slippery superhydrophobic surfaces for environmental and biomedical applications. The processing methodologies include spin coating, dip coating, hydrothermal etching etc. Characterizations will have to be performed using electron microscopy, contact angle goniometer, droplet impact tests, profilometer and adhesion tests of the surfaces. Thermodynamic stability and self-healing mechanisms in slippery surfaces will also be investigated. Depending on the performance, there can be a feasibility for the student to continue as a doctoral student in this project.

Eligibility and Essential Qualification:

- B.Sc. or B.Tech or equivalent qualification in Materials Science and Engineering/Metallurgical Engineering/Chemical Engineering/Mechanical Engineering/Ceramic Engineering/Food Engineering/ Chemistry/ Physics or allied fields with a minimum of 60 % or equivalent grade from graduation onwards.
- At least 55 % or equivalent in class 10th and 12th.
- 2 Years of post-qualification experience is required.

Application procedure:

The Candidates must send their application using the link: <https://forms.gle/j4M839jkBBfJyauc9>

Any query can be sent to Dr. Sriharitha Rowthu (Sriharitha.rowthu@iitgn.ac.in).

Interview will be conducted in online mode.

Deadline to apply: 12 Feb 2026 or until this position is filled.

Duration: The initial appointment will be for **one year**.

Remuneration: 35,000 Rs per month (consolidated)