



**BITS Pilani**

Pilani | Dubai | Goa | Hyderabad | Mumbai  
Research & Innovation

**ONE PhD Scholar Position**

**Superhydrophobic surfaces**

**Pilani | Deadline: 10 Sept. 2024 |**

**Joining: At the earliest**

Date: 25<sup>th</sup> August 2024

Applications are invited for **ONE** position of PhD Scholar on project, “Nano-scale surface modifications of transition metal oxide thin films for superhydrophobic applications to reduce daily water usage” under the supervision of Prof. Subhashis Gangopadhyay and Prof. Bibhas Ranjan Sarkar.

Deserving candidates check the eligibility criteria and qualification process of the PhD program of BITS Pilani (<http://www.bitsadmission.com/phmain.aspx>).

<b>Scope of work</b>	<b>Essential Qualification</b>	<b>Desirable Qualification</b>
Research fellow will carry out experimental work on Growth/synthesis, characterizations, and performance testing of hydrophobic nanomaterials.	M.Sc./ M.E./ M.Tech. in Physics/ Nanoscience// Nanotechnology/ Material Science.  with <b>at least 60% marks</b> in the qualifying exam	Specialization in Condensed Matter Physics and Nanomaterials with a basic knowledge of inorganic/organic chemistry.

**Fellowship:** ₹37,000-₹42,000 per month (based on the year of PhD and performance)

**Duration:** As per BITS Pilani norms (<http://www.bitsadmission.com/phmain.aspx>)

**Place of work:** BITS Pilani, Pilani Campus, Pilani

**Application process:** Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) using this form

- Fill the Google form link: <https://forms.gle/K4QQpePZnK19UTG79>
- Deadline: 10 Sept. 2024

Preliminary shortlisting will be based on a resume and telephonic/audio-visual interview within a week of the last date of application. For the final interview, the candidate will be informed through e-mail for interview. No TA/DA will be provided in case of personal interview. For more details, please contact:

**Subhashis Gangopadhyay**

**Department of Physics, BITS Pilani, Pilani Campus**

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Website: <https://www.bits-pilani.ac.in/pilani/subhashis-gangopadhyay/>