

Applications are invited for a project associate/JRF position at IIT Gandhinagar in connection with DST Nanomission sponsored project "Plasmonics enhanced photocatalytic water splitting for hydrogen generation". The candidate must have a Bachelor's or higher degree in Physics, electrical engineering, nanotechnology or equivalent with good academic performance. The consolidated salary for the JRF post will be 25,000 pm/- and the position is available for 1 year but can be extended upon good performance. The consolidated salary for the project associate post will be 20,000 pm/-.

Required qualifications

- 1) Coursework in electromagnetic waves, optics, quantum mechanics and Condensed matter Physics.
- 2) Experience in experimental physics, optics.
- 3) Experience in electronics circuits building.
- 4) NET/GATE Qualification needed for the JRF post.

Preferred Qualifications

- 1) Experience in optical benchtop experiments, lasers, fiber optics and related.
- 2) Knowledge of plasmonics, nanoantenna etc.
- 3) COMSOL, CST MWS or Lumerical software exposure.
- 4) Python programming background.

Interested candidates are requested to fill the google forms sheet below on or before 15 December 2017. <https://goo.gl/forms/YUd8iVqANG0USPG82>

Selection will be based on interview and shortlisted candidates will be intimated well in advance the date, time and mode of interview.