



26<sup>th</sup> June, 2018

## ADVERTISEMENT FOR PROJECT FELLOW/JRF/SRF/RA POSITION

Applications are invited for one position of JRF/SRF (leading to Ph.D. from BITS Pilani)/RA in a CSIR project **"Photo-Degradation of toxic organic dyes using dye-sensitized semiconductor photocatalyst"** at the Department of Chemistry, Birla Institute of Technology and Science, Pilani, Pilani Campus, Rajasthan.

**Project Summary:** Experimental and theoretical investigation to adopt a generalized approach to propose new strategies for the development of visible light active photocatalyst with the potential for effective and efficient use in large scale application for the remediation of toxic textile dyes in water.

**Duration of the Project:** 3 years

**Eligibility Criteria:** M.Sc. in Chemistry (Physical chemistry specialization and Mathematics in B.Sc.) with at least 60% marks and NET(LS)/GATE qualified for JRF/SRF and Ph.D. in Chemistry for RA. Experience in several of the following areas is of advantage but not mandatory:

- (1) UV-VIS absorption and fluorescence spectroscopy.
- (2) Synthesis and characterization of molecules using simple methodology.
- (3) Molecular Physics
- (4) Quantum chemistry
- (5) Command over computer programming

**Fellowship:** As per CSIR norms.

**How to apply:** Interested candidates are encouraged to send application and detailed CV with a cover letter to undersigned on or before 15<sup>th</sup> July.

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