



भारतीय प्रौद्योगिकी संस्थान भिलाई

जी. ई. सी. कैम्पस, सेजबहार, रायपुर – ४९२०१५
छत्तीसगढ़, भारत

Indian Institute of Technology Bhilai

GEC Campus, Sejbahar, Raipur – 492015

Chhattisgarh, India

Phone # 0771-2973600/602

Advertisement for the post of Project Assistant in a DST-SERB Funded Research Project

Applications are invited from Indian nationals for the position of 'Project Assistant' in a SERB research project with following details:

Title of the project: Development of Mixed Dimensional Lead (Pb²⁺) Halide Perovskite (MDHP) Solar-Cells for Clean Fuel Production through Water Splitting

Principal Investigator: Dr. Satyajit Gupta, Assistant Professor, Room 206, Department of Chemistry, IIT Bhilai, GEC Campus, Sejbahar, Raipur, Chhattisgarh- 492015 (+91-7712551300 (extn: 6115)/7003196388 (mob); email: satyajit@iitbhilai.ac.in; web: <https://www.iitbhilai.ac.in/index.php?pid=satyajit>).

Name of the position: Project Assistant

Number of Positions: 01

Essential qualifications: MSc (Physics/Chemistry/Nanotechnology/Nanoscience) from a recognized institute/university or statutory body with a minimum of 60% aggregate score (6.5 grade points on a scale of 10); For SC/ST category, the candidate must have secured a minimum of 55% aggregate score (6.0 grade points on a scale of 10).

Desirable: Preference will be given to candidates working experience relevant to the project.

Candidates with expertise in the followings are strongly encouraged to apply:

- 1) Solution based synthesis of inorganic oxides nanostructures, halide perovskites.
- 2) Expertise in Electrochemistry, XRD, SEM, UV-Visible based characterization techniques and analysis.
- 3) Expertise in solution processable solar-cell fabrication and testing.

Age limit: 35 years

Salary: Rs. 20,000/- per month

Duration: 11 months or, co-terminus with the project, whichever is earlier.

How to apply: Interested candidates must apply on the '**application form**' attached with this advertisement. Duly completed '**application form**' along with candidate's detailed CV must be mailed or emailed to the PI, Dr. Satyajit Gupta at satyajit@iitbhilai.ac.in so as to reach him by **Friday, 23rd July 2021**. Applications without the '**application form**' shall not be considered. Only shortlisted candidates will be called for an **online** interview. The positions are available immediately.

Due date: The application must reach the PI, Dr. Satyajit Gupta, by **Friday, 23rd July 2021 (on or before 5.00 pm)**.

Condition:

- i) The decision of the selection committee will be final.



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- ii) If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.
- iii) The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
- iv) The selected candidate will have to join duty immediately on receipt of the offer.
- v) The fellowship may be terminated with a 30-day notice before completion of the tenure, if performance till date is not deemed satisfactory.