



# 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 (Pb<sup>2+</sup>) 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](mailto: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) OR MTech/MS in Chem. Engg./Nanotechnology/Materials Science from a recognized institute/university or statutory body OR equivalent degree 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:** 28 years

**Salary:** Rs. 20,000/- per month

**Duration:** Eight 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](mailto:satyajit@iitbhilai.ac.in) so as to reach him by **Monday, 7<sup>th</sup> September 2020**. 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, 7<sup>th</sup> September 2020 (on or before 5.00 pm)**.



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### Condition:

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