**INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY**
(An Autonomous Institute under Department of Science and Technology, Govt. of India**)**
**Paschim Boragaon, Garchuk, Vigyan Path, Guwahati-781035**

Advt. No. 545 Date: 27.05.2025

**RECRUITMENT NOTICE**

Applications are invited from Indian citizen for the position of Post-Doctoral Fellow (PDF) under the Physical Sciences Division of the Institute of Advanced Study in Science and Technology (IASST), Guwahati, Assam.

**Job specification**

| **Name of the post** | **Subject area** | **Number of position** | **Essential Qualifications** | **Age Limit** | **Fellowship** |
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| Post-Doctoral Fellow (PDF) | **Physical Sciences:** Computational Material Science | 01 | **Essential**<br><br>Ph.D. in Physics/ Chemistry/ Material Science/ Applied Physics/ Nano Science.<br>The candidate must have research experience in working on electronic structure calculations in bulk/low-dimensional systems using DFT during his/her Ph.D.<br><br>**Desirable:**<br>Relevant experience in working on DFT-based studies of water splitting on materials.<br>Relevant experience on working with VASP software.<br><br>Candidate who have submitted their Ph.D. thesis may also apply. | Upper age limit is 35 years at the time of the application. Relaxation as per GoI rules. | ₹80,000/- per month (consolidated) |

**Essential criteria:** At least 2 first author publications in peer-reviewed national and/or international journals having more than 2 impact factor.

## Nature & Duration of Support:

1. The fellowship cannot be availed by students who has worked for the Ph.D. degree at IASST.
2. Those who have submitted their PhD thesis and are awaiting award of the degree are

also eligible to apply. However, such candidates, if selected, will be offered lower fellowship amount till they qualify the eligible degree.

3. The fellows will work under a mentor.
4. The fellowship can be availed only once by a candidate in his/her career.
5. Appointment will be for a period of 12 (twelve) months which may be extended maximum for a period of one year (6 months at a stretch) depending on the satisfactory performance of the candidate.
6. The fellows are not eligible to receive any other fellowship from any Government or Non-Governmental source during the tenure of the fellowship.
7. The I-PDF is entitled to leaves as per norms of the host institution.

**How to apply**

Interested candidate should apply through **online within twenty-one days** of publication of the advertisement. Only short listed candidates will be called for the interview and short presentation of her/his research work. The candidate should upload self-attested documents as mentioned in the online application. Further, they must have to bring their original mark-sheets, certificates and other credential if, called for interview. Shortlisted candidates may appear before the interview board through video conferencing, subject to prior approval.

**N.B.** **(1) No TA/DA will be paid for attending the interview.**
**(2) Those in employment should submit a 'No Objection Certificate' from the concerned employer.**
**(3) Those have submitted Ph.D. thesis should produce a thesis submission certificate from the Controller of Examination/ Registrar.**
**(4) Appointment and payment will be strictly as per IASST/DST rules and guidelines.**

Registrar, IASST