



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

भारतीय प्रौद्योगिकी संस्थान हैदराबाद

कंधी, तेलंगाना - ५०२ २८५, भारत

फोन : +९१-४०-२३०१ ६०३३, फेक्स : +९१-४०-२३०१ ६०३२

Indian Institute of Technology Hyderabad

Kandi - 502 285, Telangana, INDIA

Phone: (040) 2301 6033; Fax: (040) 2301 6032

Advertisement for the Position of a Postdoctoral Fellow (Research Associate-I)

Applications are invited from motivated and eligible candidates for a postdoctoral position at IIT Hyderabad under the ANRF-SERB funded research project “*Many facets of Complexity: From Chaos to Thermalization*”. The project is a collaborative initiative of Dr. Shubho Roy (IIT Hyderabad) and Dr. Arpan Bhattacharyya (IIT Gandhinagar). The overall aims of the project is to explore complexity, broadly defined, as a tool to investigate aspects of strongly coupled and strongly correlated quantum many-body systems and quantum field theories, and their implications for (quantum) gravity via the holographic correspondence.

Eligibility:

Ph.D. in String Theory, specifically gauge/gravity duality (holography) and related areas in quantum field theory. (PhD defense should be completed by the time of joining).

Emoluments:

The Postdoctoral Fellow will be paid a consolidated salary based on the following salary structure of the DST for Research Associate (starting with RA-I).

Research Associate-I	Rs. 58,000/-
Research Associate-II	Rs. 61,000/-
Research Associate-III	Rs. 67,000/-

Service conditions:

- DA:** The Postdoctoral Fellow will not be entitled to receive DA
- HRA:** The Postdoctoral Fellow may be provided campus accommodation if available. Fellows availing campus accommodation shall not be entitled for HRA. Whenever campus accommodation is not available or possible, the fellow will be entitled HRA of 24% of the fellowship amount.
- Medical Benefits:** The Postdoctoral Fellow will be allowed to medical allowance as per in IIT Hyderabad norms and policies.
- Travel Support:** The travel entitlement for Postdoctoral Fellow for participation in scientific events/workshops in India will continue to be as per institute norms.

For further details of the service conditions refer to the [DST, GoI document](#).

Duration:

The appointment is initially for one year, and is subject to renewal for two more years upon satisfactory performance by the fellow and availability of funding.

Application Procedure:

Interested candidates are directed to submit a detailed CV and a research statement in **a single pdf document** to Shubho Roy via e-mail at sroy@iith.ac.in by **October 11, 2024**. (Expected Joining Date : November 1, 2024)

Candidates should also arrange to send **2-3 letters of recommendation** to the aforementioned email. The recommendation letters should clearly mention the candidate's name on the subject line.

Shortlisted candidates will be notified by email for an interview (likely to be conducted on the week October 14, 2024). Most likely interview will be conducted online. No TA/DA will be paid if the candidate wishes to appear in-person for the interview.