



**INDIAN INSTITUTE OF TECHNOLOGY PATNA  
BIHTA PATNA-801106  
RESEARCH & DEVELOPMENT UNIT**

**ADVERTISEMENT NO: R&D/1310/QCA/530**

**DATED: 24.12.2025**

Project No. **R&D/SP/PHY/QCA/2025-26/1310**

Applications are invited in the prescribed format only for the following assignments in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment: Research Associate  
(b) Number of Posts: Two  
(c) Duration of the Post: **One Year** (extendable to another year, depending on the requirement and satisfactory performance)
2. Name of the temporary research project: **“Quantum Computing with Neutral Atoms and Trapped Ions and Related Hybrid Systems”**
3. Name of the sponsoring Agency: **National Quantum Mission (DST), Quantum Computing**
4. Consolidated Fellowship/Salary: Rs. 70,000 pm (Consolidated).

**Minimum:** PhD degree/thesis submitted from Institute of repute in theoretical Quantum Physics, with proven record by publications in international reputed journals. Age should be preferably below 35 years. Relaxations will be given as per the GOI norm.

**Desirable:** Experience in Cold/Ultra cold Atoms, Quantum Circuit Simulation, Quantum Protocol, Numerical Computation in relevant softwares will be given preference.

**Duties/Responsibilities:** Get involved and to pursue required project work under the mentorship of PI, coordinate and monitor the daily research activities across the project team; any other relevant tasks as assigned from time to time.

Candidates should send their detailed CV and experience certificates along with filled attached application form to the Principal Investigator by email: [utpalph25@gmail.com](mailto:utpalph25@gmail.com) with subject line of the email as “**NQM-Application**”.

The Last date for receiving applications: **January 2nd, 2026.**

The eligible candidates will be called for an **INTERVIEW** on **January 13<sup>th</sup>, 2026** in hybrid mode. No TA/DA is admissible for appearing in the interview. No. of vacancy indicated against each category is indicative and subject to alteration based on the availability of suitable candidates and decision of the selection committee. For any query, contact the Principal Investigator of the Project: **Dr. Utpal Roy, Dept. of Physics, IIT Patna, Email: [utpalph25@gmail.com](mailto:utpalph25@gmail.com)**

**Assistant Registrar ( R&D)**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



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**FORMAT OF APPLICATION**

<b>Name &amp; Address</b>  <b>Including email id and Phone no. (for Correspondence)</b>	<b>Category</b>  (GEN/OBC/SC/S T/PD)	<b>DOB</b>  dd/ mm/yy	<b>Professional Exam. (GATE/CSIR-NET, etc) &amp; Validity (if any)</b>
<b>NAME IN CAPITAL</b> Address:          Phone: Email:			
<b>Educational Qualification</b>			
<b>Institute/ Board</b>	<b>Exam Passed</b>	<b>Year of Passing</b>	<b>% of Marks/CPI</b>
	10 <sup>th</sup> Class		
	12 <sup>th</sup> Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

<b>Qualifying degree</b>	<b>Degree/ major/Specialization</b>
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

**Professional Experience**

<b>Name of the Employer</b>	<b>Nature of work</b>	<b>Duration with start date</b>	<b>Salary obtained</b>

Signature of applicant

Date:

Place: