



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

ADVERTISEMENT NO: R&D/789/TSE/299

DATED: 28.07.2023

Project No **R&D/SP/PHY/TSE/2022-23/789**

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

- (a) Name of the temporary assignment :Research Associate I (RA 1)
(b) Number of Post : 01
(c) Duration of the Post : Initial appointment is for a period of 1 year and extendable up to the duration of the project (3 years) based on the performance
- Name of the temporary research project : "Theoretical study on encapsulated Rb atom inside a C-60 cage for Quantum Technology application using Electromagnetically Induced Transparency Protocol"
- Name of the sponsoring Agency: Science and Engineering Research Board (SERB), DST
- Consolidated Fellowship/Salary: Monthly Salary is Rs 58,000/-
Monthly HRA is Rs 4,640/-
- Qualifications & Experience: PhD in Physics/Applied Physics (Theoretical) with experience in Atomic and Molecular Physics , Quantum Optics and Computational Physics (Theory).
- Principal Investigator of the Project: **Dr. Raghavan K. Easwaran, Associate Professor, Dept. of Physics, IIT Patna**

The candidate should have a PhD degree with very good academic performance. The upper age limit for applying for the Research Associate 1 position shall be 35 years. Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules. Working/research experience in the field of Atomic and Molecular Physics /Quantum Optics/Applied Physics/ Computational Physics (Theoretical) will be given preference.

Please send the resume and attached application form with supporting documents to the following e-mail id of the Principal Investigator raghavanke@iitp.ac.in by mentioning the subject line of the email as "Application for RA 1 under DST SEERB scheme Project No: R and D/SP/PHY/TSE/2022-23/789"

Last date for receiving applications : **August 20th, 2023**



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After shortlisting, the candidates will be called for an **INTERVIEW** on **August 28th, 2023 (Monday)** at **3pm onwards** at Meeting room, Dept. of Physics, IIT Patna, Bihta, Patna – 801106 with updated resume along with the original copies of all supporting documents (certificates, mark-sheets, and degrees). No TA/DA is admissible for appearing in the interview.

For any query contact Principal Investigator of the Project: **Dr. Raghavan K. Easwaran, Associate Professor, Dept. of Physics, IIT Patna, Email: raghavanke@iitp.ac.in**, Tel.: 0612-3028029.

Deputy Registrar

Copy to:

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



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FORMAT OF APPLICATION FOR RESEARCH ASSOCIATE

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

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

Signature of applicant

Date:

Place: