**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.

1. (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

2. 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"

3. Name of the sponsoring Agency:**Science and Engineering Research Board (SERB),** DST

4. Consolidated Fellowship/Salary:Monthly Salary is Rs 58,000/-

Monthly HRA is Rs 4,640/-

5.Qualifications & Experience:PhD in Physics/Applied Physics (Theoretical) with experience in Atomic and Molecular Physics , Quantum Optics and Computational Physics (Theory).

6. 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 formwith 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**

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 – 801106with 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 contactPrincipal Investigatorof 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

 **PROJECT CODE: R&D/SP/PHY/TSE/2022-23/789**

 **ADVERTISEMENT NO: R&D/789/TSE/299 DATED: 28.07.2023**

 **FORMAT OF APPLICATION FOR RESEARCH ASSOCIATE**

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

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| **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: