



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

ADVERTISEMENT NO: R&D/656/SERB/240**DATED : 02.09.2022**

Project No: R&D/SP/PHY/SERB/2022-23/656

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 : Junior Research Fellow (JRF)
(b) Number of Post : 01
(c) Duration of the Post : Initially one year (may be extendable based on satisfactory performance)
2. Name of the temporary research project : “Label-free detection and characterization of single protein molecules using bimetallic-photonic hybrid devices”.
3. Name of the sponsoring Agency : Science and Engineering Research Board (SERB)
4. Consolidated Fellowship : Rs. 31,000/- per month
5. Qualifications & Experience : M.Sc./M.Tech

The candidate desirably should have M.Sc./M.Tech. Degree with a minimum CPI of 6.5 out of 10 or 60% of marks with CSIR/UGC-NET (Equivalent qualification/fellowship) or valid GATE score. The upper age limit for applying for the JRF position shall be 28 years (M.Sc.) and 32 years (M.Tech.). Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules. Working/research experience in the field of Optics/Photonics/Nanoplasmonics will be given preference. The candidate is encouraged to apply for Ph.D. admission at IIT Patna.

Interested and eligible candidates may appear for the **WRITTEN TEST/WALK-IN INTERVIEW in online/offline mode** on 14-09-2022 at **10:00 am** at **Meeting room, Dept. of Physics, IIT Patna, Bihta, Patna – 801106** with an 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. The soft copy application in a single PDF file needs to be sent at the following email ID. The incomplete application will not be considered. The template of the application is given on the next page.

For any query contact Investigator(s) : **Dr. Venkata Ramanaiah Dantham, Department of Physics, IIT Patna, Email: dantham@iitp.ac.in, Contact No. 06115-233-140.**

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 “JUNIOR RESEARCH FELLOW”

| 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 | | |

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

Signature of applicant

Date:
Place: