



राष्ट्रीय प्रौद्योगिकी संस्थान पटना  
अशोक राजपथ, पटना—800 005 (बिहार)

NATIONAL INSTITUTE OF TECHNOLOGY PATNA  
ASHOK RAJPATH, PATNA—800 005, (BIHAR)

ECE/INT/32/2022  
30/3/22

Date: March 30, 2022

**Advertisement for the post of JRF (Electronics and Communication Engineering)**

Applications are invited from the Indian nationals, giving full details of educational qualifications and experience for the following position as details given under the research Project titled, "Bismuthene coated fiber optic plasmonic biosensor for the detection of human pathogens" [FILE NO. SRG/2021/001744], Science and Engineering Research Board (SERB), a statutory body of the Department of Science & Technology, Government of India, under the supervision of Dr. Jitendra Bahadur Maurya, Department of Electronics and Communication Engineering, National Institute of Technology Patna, Bihar, India, for a period of twenty four months (Two Years) or whenever the project gets completed. Date of commencement of the project is 28<sup>th</sup> Jan. 2022.

The details of the position are given below: Junior research fellow (JRF): 01(one), Rs. 31000/- (Thirty one thousand consolidated only) + 16% HRA per month for the two years (counted from the date of joining) or upto the end of project whichever is earlier.

**Educational qualification:**

Bachelor's degree in Electronics & Communication Engineering and other relevant subjects with minimum 55% marks or equivalent CGPA.

or

Masters' degree in Electronics & Communication Engineering and other relevant subjects with minimum 55% marks or equivalent CGPA.

**Essential requirements:** CSIR-UGC NET including lectureship or GATE or selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions. (Qualified and valid score card is required for applicants having only Bachelor's degree, whereas qualified of any time score card is required for applicant's having Master's degree)

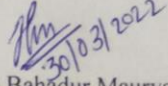
**Desirable requirements:** Fabrication/synthesis and characterization of thin films and nanofilms, Preparation of Biomolecular recognition element, Optics and Photonics under COMSOL Multiphysics simulation software, Good communication skill.

**Age Limit:** Not more than 32 Years, as on the last date for receipt of application. Relaxation for SC/ST/OBC/PH/Female candidates will be given as per Department of Science & Technology, Govt. of India and Institute rules, as applicable.

**How to Apply:** The filled application (Annexure-I) with complete bio-data and scanned photo copies of all testimonials should be sent by email to [jbm.ec@nitp.ac.in](mailto:jbm.ec@nitp.ac.in) on or before 15<sup>th</sup> April 2022.

**Note:**

1. The above positions are purely contractual for one year and can be extended based on the performance.
2. Shortlisted candidates and date of interview will be notified via email.
3. Candidates have to appear for interview with a copy of Bio-Data, 2 passport size photos, original certificates and one copy of self-attested documents (interview may be conducted online or offline, as applicable).
4. An applicant has to ensure the authenticity of information provided in support of experience claimed, other documents and photograph (ID Proof).
5. No TA/DA will be paid for appearing in the Interview.
6. No-Objection certificate has to be submitted by the candidates who are already employed.
7. Selected candidate will be informed via email.

  
(Dr. Jitendra Bahadur Maurya)  
(PI of the Project)  
Assistant Professor,

Department of ECE, NIT Patna  
सहायक प्राध्यापक/Assistant Professor  
इलेक्ट्रॉनिक्स एवं संचार अभियंत्रण विभाग  
Electronics and Communication Engg. Dept  
राष्ट्रीय प्रौद्योगिकी संस्थान पटना  
National Institute of Technology Patna  
पटना-800005 बिहार, भारत  
Patna-800005, Bihar, India

**ANNEXURE-I**

**NATIONAL INSTITUTE OF TECHNOLOGY PATNA**

ASHOK RAJPATH, PATNA—800 005, (BIHAR)

**APPLICATION FOR JUNIOR RESEARCH FELLOSHIP**  
**(PROJECT: SRG/2021/001744)**

|                   |  |
|-------------------|--|
| Advertisement No. |  |
| Post Applied for  |  |
| Department        |  |

|                       |
|-----------------------|
| Recent<br>Color Photo |
|-----------------------|

|    |  |                            |           |  |       |  |
|----|--|----------------------------|-----------|--|-------|--|
| 1. | Name in full (in capital letters)  |                            |           |  |       |  |
| 2. | Father's Name  |                            |           |  |       |  |
| 3. | Mother's Name  |                            |           |  |       |  |
| 4. | Date of birth<br>(please attach true copy of certificate)  |                            |           |  |       |  |
|    | Age on 27/10/2021  |                            | Year      |  | Month |  |
| 5. | a) Marital Status:   | b) Gender:                 |           |  |       |  |
| 6. | a) Permanent address:  | b) Correspondence Address: |           |  |       |  |
|    | Phone No.<br>(including STD code)  |                            | E-mail ID |  |       |  |
| 7. | Nationality  |                            |           |  |       |  |
| 8. | Category under which you are seeking reservation/relaxation  |                            |           |  |       |  |
| 9. | Were you at any time declared medically unfit; asked to submit your resignation; discharged or dismissed from Govt./PSU/ Autonomous Body or Private Service? If yes, give details in a separate sheet. | NO                         |           |  |       |  |

**10. Details of Educational Qualification (from Secondary Level):**

| Exam. Passed                 | Specialization | Board/University | Passing Year | Class/Division | % marks/CGPA |
|------------------------------|----------------|------------------|--------------|----------------|--------------|
| 10 <sup>th</sup>             |                |                  |              |                |              |
| 12 <sup>th</sup> /equivalent |                |                  |              |                |              |
| UG                           |                |                  |              |                |              |
| PG                           |                |                  |              |                |              |
| Others                       |                |                  |              |                |              |
| GATE<br>/NET<br>/Others      |                |                  |              |                |              |

**11. Details of employments:**

| S. No. | Name and address of Employer | Designation | Pay-scale | Dates |    | Brief description of duties | Reasons for leaving |
|--------|------------------------------|-------------|-----------|-------|----|-----------------------------|---------------------|
|        |                              |             |           | From  | To |                             |                     |
| 1.     |                              |             |           |       |    |                             |                     |
| 2.     |                              |             |           |       |    |                             |                     |
| 3.     |                              |             |           |       |    |                             |                     |

**APPLICANT'S DECLARATION**

"I hereby declare that I fulfil the eligibility conditions to the post and that the statements made by me in form are true, complete and correct to best of my knowledge and belief."

Place:

Date:

Signature of Applicant  
Name: