



**INDIAN INSTITUTE OF TECHNOLOGY PATNA  
BIHTA, PATNA-801 106  
RESEARCH & DEVELOPMENT UNIT**

**ADVERTISEMENT NO: R&D/934/STI/348**

**DATED:28.02.2024**

Project No.: **R&D/SP/PHY/STI/2023-24/934**

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) with provision to register in PhD**  
(b) Number of Post : **ONE (01)**  
(c) Duration of the Post : **THREE YEARS (03 Yrs) (Initially for six months, extendable upto three years or completion of the project, subject to satisfactory performance)**
2. Name of the temporary research project : **Study of Transport of Intensity Equation for Quantitative Phase Imaging**
3. Name of the sponsoring Agency: **Council of Scientific and Industrial Research (CSIR), Govt. of India**
4. Consolidated Fellowship/Salary: **Rs. 37,000/- pm plus HRA as per GoI rule for first two years followed by Rs. 42,000/- pm plus HRA as per rule, subject to satisfactory performance**
5. Qualifications & Experience: **M.Sc. (Physics)/M.Tech. OR Equivalent with valid GATE/NET  
Having experience with optics experiments and MATLAB**

The candidate desirably should have **M.Sc. (Physics) OR Equivalent** degree with a minimum CPI of **6.5** or **60%** of marks. The upper age limit for applying for the **Junior Research Fellow (JRF)** position shall be **28** years. Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules. Working/research experience in the field of **Optics** will be given preference. The selected candidate (JRF) will be encouraged to register for Ph.D. in this research area.

Interested and eligible candidates may apply on the enclosed format along with updated resume and copies of all supporting documents (certificates, mark-sheets, and degrees) to **Prof. Naveen K. Nishchal**, Dept. of Physics, IIT Patna, Bihta, Patna - 801 106. The last date of receipt of application is **11<sup>th</sup> March 2024**. Written test/interview will be held at **11:00 AM** on **14<sup>th</sup> March 2024**. No TA/DA is admissible for appearing in the written test/interview.

For any query contact Investigator(s):

**P.I. - Prof. Naveen K. Nishchal, Department of Physics, IIT Patna  
E-mail: nkn@iitp.ac.in, Tel.: 06115-233027**

**Deputy Registrar**

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**FORMAT OF APPLICATION FOR JUNIOR RESEARCH FELLOW (JRF)**

<b>Name &amp; Address</b> <b>Including E-mail id and</b> <b>Phone no.</b> <b>(for Correspondence)</b>	<b>Category</b>  (GEN/OBC/SC/S T/PD)	<b>DOB</b>  dd/ mm/yy	<b>Professional Exam.</b> <b>(GATE/CSIR-NET, etc) &amp;</b> <b>Validity</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</b> <b>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	

Signature of applicant

Date:

Place: