



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

ADVERTISEMENT NO: R&D/634/SERB/226**DATED: 28.04.2022**Project No.: **R&D/SP/PHYSICS/SERB/2021-22/634**

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 : **“Design and Development of an Opto-electronic Asymmetric Cryptosystem”**
3. Name of the sponsoring Agency : **Science and Engineering Research Board (SERB), Department of Science and Technology, Govt. of India**
4. Fellowship/Salary : **Rs. 31,000/- pm plus HRA as per GoI rule for first two years followed by Rs. 35,000/- pm plus HRA as per rule, subject to satisfactory performance**
5. Qualifications & Experience : **M.Sc. (Physics) 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**, Department of Physics, IIT Patna, Bihta, Patna – 801 106. The last date of receipt of application is **9th May 2022**. Written test/interview will be held at **11:00 AM** on **12th May 2022**. 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.: 06115-2338027

Co-P.I.: Dr. Akhilendra Singh, Department of Mechanical Engineering, IIT Patna

E-mail: akhil@iitp.ac.in, Tel.: 06115-2338018.

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 (JRF)

Name & Address Including E-mail 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: