



**INDIAN INSTITUTE OF TECHNOLOGY PATNA  
BIHTA PATNA-801106  
RESEARCH & DEVELOPMENT (R&D) UNIT**

**ADVERTISEMENT NO: R&D/338/SERB/175**

**DATED: 01.10.2020**

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 : One (01)  
(c) Duration of Post : 2 Years
  
2. Name of the temporary research project : **“Design and Implementation of Orbital Angular Momentum (OAM) Assisted Spectrally Efficient Wavelength Division Multiplexed Communication System Using Conventional Optical Fibers”**
  
3. Name of the sponsoring Agency : Science and Engineering Research Board (SERB),  
IMPRINT-II, Govt. of India
  
4. Consolidated Fellowship : Rs. 30,000/- per month
  
6. 5. Qualifications & Experience : The candidate desirably should have M.Tech./M.E degree with a minimum CPI of 6.5 or 60% of marks. The upper age limit for applying for the Junior Research Fellow position shall be 28 years (for qualifying degree BE/B Tech/M Sc) or 32 years (for qualifying degree ME/M Tech/MS). Relaxations will be given as per the GoI rules.

Candidates should have B.Tech./B.E. in Electrical Engg., Electrical and Electronics Engg., Electronics Engg., Electronics and Telecommunication Engg. or Electronics and Communication Engg or relevant branch **AND** M.Tech./M.E. degrees in Signal Processing & Communication Networks, Communication Systems or Electronics and Communication Engineering or relevant specialization. Preference shall be given to the GATE (in EE / ECE) qualified candidates having knowledge/experience in the field of Optical Communication Engg., Signal processing.

Interested, eligible and shortlisted candidates will be called for **ONLINE INTERVIEW** on **10<sup>th</sup> October 2020**. Candidates are requested to send filled form (attached herewith), original copies of all supporting documents (certificates, mark-sheets, and degrees), and updated resume to **Dr. Sumanta Gupta, Dept. of Electrical Engineering, IIT Patna, Email: [sumanta@iitp.ac.in](mailto:sumanta@iitp.ac.in)** by **9<sup>th</sup> October 2020, 4PM**. Online interview link will be shared to **Shortlisted candidates by 9 PM of 9<sup>th</sup> October 2020**.

For any more query contact Investigator(s): **Dr. Sumanta Gupta, Dept. of Electrical Engineering, IIT Patna, Email: [sumanta@iitp.ac.in](mailto:sumanta@iitp.ac.in)**.

**Deputy Registrar**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



Form No: RD-S2 (B)

**INDIAN INSTITUTE OF TECHNOLOGY PATNA**  
**BIHTA PATNA-801106**  
**RESEARCH & DEVELOPMENT (R&D) UNIT**

**PROJECT CODE: R&D/SP /EE/SERB/2018-19/338**

**ADVERTISEMENT NO: R&D/338/SERB/175**

**DATED: 01.10.2020**

**FORMAT OF APPLICATION FOR “JRF”**

<b>Name &amp; Address</b> <b>Including email 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			
	BE/B.Tech or equivalent			
	ME/M.Tech or equivalent			

<b>Qualifying degree</b>	<b>Degree/ major/Specialization</b>
BE/B.Tech	
ME/M.Tech	
Others	

Signature of applicant

Date:  
Place: