



**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 **10th 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** by **9th October 2020, 4PM**. Online interview link will be shared to **Shortlisted candidates by 9 PM of 9th October 2020**.

For any more query contact Investigator(s): **Dr. Sumanta Gupta, Dept. of Electrical Engineering, IIT Patna, Email: 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)

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

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FORMAT OF APPLICATION FOR “JRF”

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		
	BE/B.Tech or equivalent		
	ME/M.Tech or equivalent		

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

Signature of applicant

Date:
Place: