INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

Advertisement No.: R&D/719/IPAN/345   **DATED:20.02.2024**

Project No.: 719

Applications are invited through the online form onlyfor the following assignments in apurelytime-boundresearchproject undertakeninthisinstitute.***Interviews will be conducted online.***
Date of Online Interview: 5thMarch 2024at 2PM. Last date of filling application form:4thMarch 2024.
 Interested and eligible persons may apply by filling up the form given below. The complete form should be sent to Dr. Sumanta Gupta, Dept. of Electrical Engineering, IIT Patna, Email: sumanta@iitp.ac.in

The applicant must qualify any exams (but not Before 2020) like GATE/UGC-NET/National level examinations conducted by central Govt. department and agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc.

Name ofTheResearchProject	Integrated Photonic Artificial Neural Networks (INPATIENT)			
Project Number as per IIT Patna Record: 719				
Name of thetemporaryassignment	Number of Posts	Duration of the Post	Nameofthesponsoring Agency	Consolidated Fellowship	Contact Information
Junior Research Fellow	One (01)	Initially for 1 year, may be extended for maximum 2.5 years or till the end of the project, whichever is earlier	Department of Science and Technology, International Division, under India Italy Call for Significant Research Scheme	INR. 31,000/- + HRA for 1st and 2nd Year and INR. 35,000 + HRA for 3rd year Note: Revised Emoluments may be provide subject to the approval	Dr. Sumanta Gupta, Dept. of Electrical Engineering, IIT Patna, Email: sumanta@iitp.ac.in Tel.: +91-6115-233096
Qualifications & Experience	A candidate must satisfy one of the two following criteria: 1. BE/ BTech/ MSc equivalent degree with valid GATE score (but not before 2020) above the prescribed cut off level / NET qualification. The candidate must have CPI of 7.5 or 70% of marks. The requirement of GATE score is waived for candidates with Bachelor's Degree in Engineering from the Centrally Funded Technical Institutes (CFTIs) with CGPA > 8.0 and above (out of 10) and other IITs. 2. ME/ MTech/equivalent degree with GATE qualification (but not before 2020) and with a minimum CPI of 6.5 or 60% of marks. Preference shall be given to the candidates having experience in the field of Communication Engg., Signal processing. Candidates **knowing** the **design, simulation, and characterization of integrated photonic devices/systems,** optical communication, Machine learning, and Deep learning will be given preference. Additionally, it will be preferred if the candidate is familiar working with COMSOL, and Lumerical software.			

General Terms and Conditions:
➢ The selected candidate will be allowed to apply for PhD program of the EE department at IIT Patna following proper procedure.
➢ Theshortlisted candidates willbeinformedaccordinglytoappearfortheonline interview.The incomplete application will not be considered.
➢ ***The candidate should be ready to travel abroad for research works.***
➢ **OnlineInterview Link: Intimated via email to the shortlisted candidates**

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PROJECT CODE: 719

ADVT NO:DATED:

FORMAT OF APPLICATION FOR RECRUITMENT OF JRF

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/ST/PD)	DOB dd/ mm/yy	Professional Exam. (GATE/CSIR-NET, etc with year of qualification) & Validity
NAME IN CAPITAL Address: Phone: Email:			

Educational Qualification

Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10th Class		
	12th 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.)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Date:

Place: