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

ADVERTISEMENT NO: R&D/1086/DLD/451   **DATED: 24.02.2025**

Project No.: R&D/SP/EE/DLD/2024-25/1086.

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute. *Interviews will be conducted online.*

Date of Online Interview: 5th March 2025 at 3PM. Last date of filling application form: 4th March 2025.

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 one of the exams (but not Before 2021) 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.

1.	(a) **Name of the temporary assignment** : Junior Research Fellow (b) **Number of Posts** : 02 (c) **Duration of the Post** : Initially for 1 year, may be extended for maximum 3 years or till the end of the project, whichever is earlier	
2.	**Name of the temporary research project** : Deep Learned Detection and Classification of Multiple Intrusions Using WDM Intensity and Phase-Sensitive OTDR in Underwater Environment - Phase II	
3.	**Name of the sponsoring Agency** : Naval Research Board, DRDO	
4.	**Consolidated Fellowship** : Rs. 37,000/- per month for 1st & 2nd year. Rs. 42,000/- per month for 3rd year.	
5.	**Qualifications & Experience** : BE/ B.Tech/ MSc / ME/ M.Tech/ equivalent degree in EE/ ECE /Instrumentation/ Physics/ Related discipline **OR** BE/ B.Tech/ MSc /ME/ M.Tech/ MCA/equivalent degree in CSE/IT/Related discipline A candidate must satisfy one of the two following criteria: 1. BE/ B.Tech/ MSc/ MCA/equivalent degree with valid GATE score (but not before 2021) 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/ M.Tech/ equivalent degree with GATE qualification (but not before 2021) and with a minimum CPI of 6.5 or 60% of marks.	
6.	**General Terms and Conditions:** ➢ The selected candidate will be allowed to apply for PhD program of the EE & CSE department at IIT Patna following proper procedure. ➢ **Candidates willing to work and having some prior knowledge in the domain of digital signal processing, Machine/Deep learning, Artificial intelligence will be given priority** ➢ The shortlisted candidates will be informed accordingly to appear for the online interview. The incomplete application will not be considered. ➢ **Online Interview Link: Intimated via email to the shortlisted candidates**	

For any query contact Investigator(s): Dr. Sumanta Gupta, Dept. of Electrical Engineering, IIT Patna. Email: sumanta@iitp.ac.in Tel.: +91-6115-233096

Deputy Registrar

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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) & 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./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Signature of applicant

Date:
Place: