



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

**ADVERTISEMENT NO: R&D/600/SERB/247****DATED: 13.10.2022**Project No: **DDIS-600**

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** : JRF with provision to register in PhD
- (b) Number of Post** : One (01)
- (c) Duration of the Post** : One (01) year
- 2. Name of the temporary research project:** “Design and Implementation of Specific Emitter Identification System for Detecting Malicious UAVs/Drones and Transmitters.”
- 3. Name of the sponsoring Agency** : Science and Engineering Research Board (SERB).
- 4. Consolidated Fellowship** : Rs. 31000.00/- per month
- 5. Qualifications & Experience** :
  - For candidates with Master’s degree level in the following selected disciplines: Electronics & Communication Engineering, Computer Science and Engineering, Electrical, Signal Processing, Instrumentation Engineering Technology.
  - Work/research experience in the field of Biomedical Signal Processing/Machine learning/Deep Learning will be given preference.
  - First class (minimum 65% marks or 7.0 CPI) in M.Tech./ME/MS with GATE/NET qualifications and first class (minimum 60% marks or 6.5 CPI) in B.Tech./BE, 12th and 10th class.
  - For candidates with only having B. Tech./BE as qualifying degree in the following selected disciplines (Electrical Engineering, Electronics and Communication, Computer Science and Engineering, Instrumentation or related stream), 75% marks or 8.0 CPI in B.Tech./BE from reputed institutes other than IITs/IISc and 7.0 CPI in B.Tech. from IITs and IISc with valid GATE score and first class (minimum 60% marks or 6.5 CPI) in 12th and 10th class.
  - The age should not exceed 28 years for a candidate with BE/B.Tech/M.Sc. degree as the highest qualification and 32 years for a candidate with ME/M.Tech/MS degree as the highest qualification.
  - Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules.

Interested and eligible persons may apply with up-to-date resume, showing Educational qualification (% of Marks obtained from 10<sup>th</sup> onwards), Experience, Publications, Achievements, Names of two referees. Applicants need to fill the google form and the application form, attached below and send the scanned copy of application and resume (pdf) mentioning the “post applied for” to the email id: [udit@iitp.ac.in](mailto:udit@iitp.ac.in). Please use the file name as: post-applied\_first name\_last name.pdf.

Link of Google form: <https://forms.gle/C5WTEStzuS8zEhDD9>



Form No: RD-M003

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**Last date of receiving application: 28.10.2022**

**Last date of sending information to the shortlisted candidates: 04.11.2022**

**Date of Interview: 09.11.2022**

After the short-listing, the candidates will be informed accordingly to appear for the online written test/interview. No TA/DA is admissible for appearing in the written test/interview. He/She may be considered for extension for next one year (or till the last date of project), and/or admission in PhD program at IIT Patna based on the performance review.

For any query contact Investigator(s): **Dr. Udit Satija, Department of Electrical Engineering, IIT Patna, Emails: [udit@iitp.ac.in](mailto:udit@iitp.ac.in) Tel.: 06115-233815.**

**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"

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/S C/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
	10 <sup>th</sup> Class		
	12 <sup>th</sup> 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: