



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

ADVERTISEMENT NO: R&D/1545/APB/611

DATED: 16.07.2026

Project No. **R&D/SP/EE/APB2026-27/1545**

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 : 01 (One)

(c) Duration of the Post : 02 (Two Years) as JRF, thereafter Senior Research Fellow (SRF) till completion of the project

(d) Duration of the Project : Three Year

2. Name of the research project : ***AI-powered Breast Cancer Diagnostics: From Segmentation and Density Assessment to Classify and Prognosis with 3D Digital Breast Tomosynthesis***

3. Broad Research Domain : Deep Learning, Computer Vision, Machine Learning

4. Name of the sponsoring Agency : ANRF/ARG

5. Consolidated Fellowship/Salary : Rs. 37000 (for JRF) and Rs. 42000 (for SRF)

6. **Qualification : M. Tech. / B. Tech./M.Sc. (Electrical /Electronics / Communication/ Instrumentation / Computer Science & Engineering)**

The candidate desirably should have **M. Tech.**(Communication System & Signal Processing, Computer Vision & Image Processing, Computer Science Engineering) degree with a minimum CPI of 6.5 or 60% of marks with qualified GATE Score (within last five years) **OR B.Tech/B.Sc(Engg.)/M.Sc.**(Electrical/Electronics/Communication/Instrumentation/ Computer Science& Engineering) degree with a minimum CPI of 7.5 or 70% of marks with **qualified GATE Score within last five years**. GATE score shall be exempted for candidates having B. Tech degree with minimum CPI 7.5 from IITs. Exceptional candidates having M. Tech degree and minimum two (02) years of relevant experience, may be offered SRF Position directly based on the performance in interview. The upper age limit for applying for the JRF position shall be **32 and 28 years** for candidates having M. Tech and B. Tech/B.Sc.(Engg.)/M.Sc. degree respectively on the date of advertisement.

Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules. Working/research experience in the field of Machine Learning & Deep Learning, Computer Vision & Image Processing shall be given preference. **Selected candidate shall be admitted to PhD program in Electrical Engineering Department, IIT Patna in Autumn-2026 based on the rules and regulation of the institute.**



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Interested and eligible candidates may send the scan copy of **application form (in appended format) and GATE Score Card** along with **resume** highlighting the relevant exposure in the domain of the project to the mail id: jharajib@iitp.ac.in, on or before **30th July 2026**. Shortlisted candidates shall be intimated on **31st July 2026** and called for the **Written test and PERSONAL INTERVIEW** to be scheduled on **07th August 2026**, Timing **10 AM** at Dept. of Electrical Engineering, IIT Patna, Bihta, Patna – 801106 with updated resume along with the original copies of all supporting documents (certificates, mark-sheets, and GATE Score card).

Tentative Important Dates:

Last date for receiving the application form through mail : 30th July 2026

Date of intimation of shortlisted candidates through mail : 31st July 2026

Date of Personal Interview : 07th August 2026

Please Note that, candidates those are willing to pursue PhD in the domain of Digital image Processing & Deep Learning in Electrical Engineering Department, are only encouraged to apply this JRF/SRF position subject to the fulfil of the PhD admission protocol of the department and institute.

For any query, please contact Principal Investigator of the Project: **Dr. Rajib Kumar Jha, Dept. of Electrical Engineering, IIT Patna, Email: jharajib@iitp.ac.in**

Assistant Registrar (R&D)

Copy to:

1. Associate Dean, R&D, IIT Patna
2. PIC (Outreach) to put it in institute social media channel
3. Advertisement file
4. Project file



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ADVT NO: R&D/1545/APB/611

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FORMAT OF APPLICATION FOR JRF/SRF

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) , Specialization(EE/EC/IN/CS), and GATE Score and rank along with the year of GATE Score
NAME IN CAPITAL Address: Phone: Email:			
Educational Qualification			
Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10 th Class		
	12 th Class		
	Bachelors (B.Tech/B.E.)/M.Sc. or equivalent		
	Masters (M.Tech/M.E) or equivalent		

Qualifying degree	Degree/ major/Specialization
(B.Tech/B.E./M.Sc.)	
(M.Tech/M.E)	
Others	

Signature of applicant

Date:

Place: