



राष्ट्रीय प्रौद्योगिकी संस्थान जमशेदपुर
National Institute of Technology Jamshedpur
Jamshedpur-831014, Jharkhand, India
(An Institution of National importance under MoE, Government of India)

इलेक्ट्रॉनिक्स एवं संचार इंजीनियरिंग विभाग / Department of Electronics and Communication Engg.

Sanction Number and Date: ANRF/ECRG/2025/002406/LS, 29/05/2026	Advt. No.: NITJSR/ECE/2026/157	Date: 29/06/2026
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Advertisement for JRF/Project Associate-I position under ANRF PM-ECRG Project

Applications are invited under the sponsored project. The details of the project are as follows:

Title of The Project	Few-shot learning for rapid multi-parametric MRI reconstruction from sparsely sampled weighted MRI data
Position	ANRF-JRF/Project Associate-I (PA-I)
Number of Position	1
Principal Investigator	Dr. Munendra Singh, Assistant Professor Department of Electronics and Communication Engineering, National Institute of Technology Jamshedpur, India Email: munendra.ece@nitjsr.ac.in, Mob: +91-9634398499
Tenure of the Project	The post is purely temporary position and co-terminus with the project. Initially it is for a period of 1 year and can be extended based on the performance to 3 years.
Job Description	The applicant is expected to work on AI/deep learning methods for MRI acquisition optimization, reconstruction, and image analysis.
Essential Qualification	Four years bachelor's degree in engineering/Master's degree in Natural Sciences with specialization in Computer Science/Biomedical Engineering/Electronics and Communication Engineering. Valid GATE/NET score. Candidate awaiting final semester results is also eligible to apply. Candidate without GATE/NET may be considered for position PA-I.
Desirable Qualification	<ul style="list-style-type: none">• Good programming skill in C/C++/Python/MATLAB• Experience with deep learning for medical imaging/data• Experience with advanced MRI acquisition technique is a plus
Age	Should not exceed 50 years as of last date of application. Age relaxations will be provided as per norms and to the candidates with relevant experiences.
Fellowship	(i) Rs. 37,000/- per month for 1 st two years, Rs. 42,000/- for 3 rd year for candidate with valid GATE/NET score card. (ii) Rs. 30,000/- per month for 1 st two years, Rs. 33,000/- for 3 rd year for who do not fall under (i) above. HRA @ 20% subject to non-availability of hostel accommodation.
Benefits of Joining the Project	The successful applicants will participate in ANRF-funded research project and collaborate closely with experts in MRI physics, radiology, neuroscience, and AI. The positions offer opportunities for high-impact publications and conference presentations.

	Candidates selected for the position will be encouraged to register for the Ph.D. program provided she/he satisfies the eligibility criteria for Ph.D. program in NIT Jamshedpur.
How to Apply	Eligible and interested candidates are encouraged to send their application (attached after this advertisement) as per the prescribed format along with self-attested copies of all supporting documents as a single PDF file through Email to the project investigator Dr. Munendra Singh (munendra.ece@nitjsr.ac.in) mentioning email subject as "Application for the Post of JRF/PA-I under ANRF-Sponsored Project". For more information contact: +91- 9634398499.
Last Date	14/07/2026
<p>Shortlisted candidates will be informed about the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview.</p> <ul style="list-style-type: none"> • Candidates will be short listed based on their merit and as per the requirement of the project. • All candidates should make their own arrangements for their stay at Adityapur, Jamshedpur, if required. • Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview and joining (if selected) for verification. • The selected candidate will be required to work in the Department of ECE, NIT Jamshedpur as full-time research fellow. • No TA/DA will be paid to attend the interview. • All the terms & conditions for this recruitment will be as per the guidelines of funding agency and NIT Jamshedpur. Institute reserves the right to cancel the recruitment without assigning any reason. 	



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Application for the Post of JRF/PA-I in the project titled “Few-shot learning for rapid multi-parametric MRI reconstruction from sparsely sampled weighted MRI data”

Applicant's Details:

1.	Name (In Capital)		PHOTO
2.	Name of Father/Guardian		
3.	Mother's Name		
4.	Gender		
5.	Address	Correspondence:	Permanent:
6.	Contact Details	Email ID:	Phone Number:
7.	Age:	Date of Birth:	Age as on the closing date of advt.:
8.	Nationality:	Category: GEN/SC/ST/OBC (attach proof):	
9.	Languages Known	Mother tongue:	Other languages:

10. Academic Records:

(Supporting documents should be submitted along with the application as a single PDF file)

(a) Qualifying Degree Details:

Degree/Certificate	University/Board/College	Year	Subjects/Specialization	% Marks/CGPA	Class
10th					
12th					
BE/ BTech/ Graduation					
MTech/ME/MS/MSc					
Publication Details (if any, attach separate sheet if required):					

(b) GATE/NET score:

Exams	Year Appeared	Scores	All India Rank	Validity Up to
GATE				

11. MTech/ME/MS/MSc Dissertation Title:

12. BE/ BTech/BSc Project Title:

13. Any other relevant information:

14. Declaration: I hereby declare that the entries made in this application form are correct to the best of my knowledge and belief.

Place:

Date:

(Signature of the applicant)