



JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER)

Dhanwantri Nagar, Puducherry-6

RESEARCH MANPOWER RECRUITMENT FORMS

Advertisement

Advt. No. **MO/CAR-AI/Rec-1/2025**

Date: 23.10.2025

Advertisement for Recruitment to Project Posts (on Contract)

Applications are invited from eligible candidates to work on the following post(s) on a contract basis in a research project funded by **Indian Council of Medical Research (ICMR)** at the **Department of Medical Oncology** at Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry, as per the details below.

Name of post (number)	Total Posts: 03 1. Project Research Scientist – I (Medical) - <u>01 Post</u> 2. Project Research Scientist – I (Non-Medical) – <u>01 post</u> 3. Project Technical Support – II – <u>01 Post</u>
Likely duration	5 years
Consolidated remuneration	1. Project Research Scientist – I (Medical) -Rs 67,000/- + HRA @20% (Rs. 13,400/-) = Rs. 80,400/- per month 2. Project Research Scientist – I (Non-Medical) - Rs 56,000/- + HRA @20% (Rs. 11,200/-) = Rs. 67,200/- per month 3. Project Technical Support – II - Rs. 20,000/- + HRA @20% (Rs. 4000/-) = Rs. 24,000/- per month
Project title	Multi-centric validation of artificial intelligence-based decision support system for early detection of lung metastases in cancers using CT image under “Centre for advanced research in Quantitative imaging and AI modelling for early diagnostics and prognostic monitoring in Oncology”
Funding Agency	Indian Council of Medical Research (ICMR)
Project investigator (PI)	Dr. Shuvadeep Ganguly
PI's department	Medical Oncology

Nature of work/responsibilities and expectations

A. Project Research Scientist – I (Medical)

1. Will be responsible for overall project co-ordination, implementation of project workplan, leading other team members and co-ordination with participating centers.
2. Will be involved in patient recruitment, follow-up, management of research data and data analysis
3. Will be involved in co-ordination with various departments in JIPMER in deployment of AI based decision support system for lung metastases in malignancy
4. Will be involved in lung nodule segmentation work and nodule characteristics identification in CT scan under guidance of radiologists
5. The candidate is expected to interact with patients and caregivers of patients with cancer during the course of project work



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B. Project Research Scientist – I (Non-Medical)

1. Will be responsible for implementation of overall project workplan and co-ordination with the participating centre.
2. Will be responsible for image processing for radiology scans, and handling local server for deployment of AI based model.
3. Will be responsible for co-ordination with co-ordinating centre for image based combined analyses and model validation work.
4. Will be supporting the team in lung nodule segmentation work and nodule characterization work.
5. The candidate is expected to work closely with radiologists and oncologists during the course of project work

C. Project Technical Support – II

1. Will be involved in maintaining project database and patient records and documentation work including data entry in project electronic database
2. Will be assisting in patient recruitment, follow up, scheduling appointments.
3. Will be involved in co-ordination between radiologists and oncologists for implementation of project workflow
4. The candidate is expected to have working knowledge about data entry with medical terminologies.

Eligibility criteria (Qualifications and experience)

1. Project Research Scientist – I (Medical)

A. Essential:

MBBS/BDS/BVSc/BAMS or equivalent

B. Desirable:

1. Candidates with demonstrated and prior research experience will be preferred.
2. Working knowledge in biostatistics and artificial intelligence-based methods will be given priority.

C. **Maximum Age Limit:** 35 years (as on last date of receipt of applications)

2. Project Research Scientist – I (Non-Medical)

A. Essential:

B.Tech/B.E./MSc (Computer Science) / MSc (Data Science) or equivalent

B. Desirable

1. Candidates with background in Computer Science or Data Science will be preferred
2. Working knowledge in medical data analysis or prior research experience in biological sciences will be given priority

C. **Maximum Age Limit:** 35 years (as on last date of receipt of applications)



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3. Project Technical Support – II

A. Essential

12th in Science + Diploma (Engineering or equivalent) + Five Years' Experience in Computer Science/Data Science

or BSc in Computer Science/Physics/ Statistics / Biological Sciences / Life Sciences/ BCA or equivalent + two years' experience in Computer Science/Data Science/Biostatistics or Biomedical data analysis.

D. Desirable

1. Candidates with background in Computer Science or Data Science will be preferred

2. Working knowledge in medical data analysis or prior research experience in biological sciences will be given priority

E. Maximum Age Limit: 35 years (as on last date of receipt of applications)

Eligible and interested candidates may email the filled application form (attached), along with CV and supporting documents (scanned in one pdf) to the [Email ID: nocirecruitment@gmail.com](mailto:nocirecruitment@gmail.com)

Notes:

1. **Applications not in the prescribed format will not be processed or accepted.**
2. Please mention the name of the post applied for in the email subject line.
3. The PDF file should be named as: ***"Candidate name_Post-name_year_application"***. e.g. ***"James_PRS-M_2025, PRS-NM_2025, PTS-II_2025"***.
4. ***The last date for sending complete applications by email up to 3/11/2025. 5 PM.***
5. For those wishing to apply for two or more different posts, a separate application form must be filled in for each post and scanned and sent with the necessary enclosures in separate emails.

Applicants will be shortlisted based on the details furnished in the application, CV, and the documentary proof provided. The list of eligible candidates will also be displayed on the JIPMER website. The final selection will be based on CV, application, and written test/interview.

EVALUATION CRITERIA:

After the evaluation of the application form, the recruitment process will be as follows:

- a. **Written test – Will be conducted for PTS-II post ONLY with topics on data analysis, biomedical science, and AI based analysis**
- b. **Interview**



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TERMS AND CONDITIONS:

1. This position is purely on contract basis for an externally sponsored project, and the person engaged will have no claim to any regular post in JIPMER at any time. Further, the position is only for the duration of the project and based purely on external funding support for the project.
2. The engagement may be extended or curtailed at discretion of the Project Investigator.
3. Qualification and experience should be in a relevant discipline/field and in a reputed institution/organization. The experience should have been gained *after acquiring the essential qualification*.
4. Qualification, experience, other terms, and conditions may be relaxed/ altered at the discretion of the Principal Investigator.
5. Valid email ID and mobile number are compulsory.
6. Consolidated salary of the post may vary from time to time. No other allowance/facilities other than consolidated salary shall be extended.
7. Submission of wrong or false information at any stage during the process of selection or canvassing of any kind will lead to disqualification or even termination if detected after the person has been engaged.
8. Only shortlisted candidates will be called for a written test and/or interview. Decision of the Project Investigator will be final. If the number of applications is very large, more stringent criteria than those specified above may be used to determine eligibility.
9. No TA/DA will be paid for attending the interview.
10. Incomplete applications and applications that are not in the prescribed format and those not fulfilling the essential criteria above are likely to be summarily rejected. Candidates may attach their CVs with the application form. *However, applications with CV alone and without the prescribed form and certificates will be rejected.*

Interviews for the post may be conducted in person or via videoconferencing, at the discretion of the Principal Investigator. In the latter case, it will be the individual candidate's responsibility to ensure access to a suitable device (computer/ laptop/ mobile) with audio and camera facilities, and an adequate internet connection.

Date and Time of Written Test and Interview: 7th November 2025 at 9:00 AM.

Project Technical Support – II: Document verification and written test will be held at **9:00 AM**, followed by the interview at **2:30 PM**.

Project Research Scientist – I (Medical & Non-Medical): Document verification will be conducted at **11:00 AM**, followed by the interview at **2:30 PM**.

Location: Dept of Medical Oncology, 3rd floor, SS Block, JIPMER, Puducherry-605006



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Application

No MO/CAR-AI/Rec-1/2025

APPLICATION FOR THE POST OF (_____)

For Project: Multi-centric validation of artificial intelligence-based decision support system for early detection of lung metastases in cancers using CT image under “Centre for advanced research in Quantitative imaging and AI modelling for early diagnostics and prognostic monitoring in Oncology”

Print in A4 size paper and fill in with Block Letters with BLUE PEN

Applicant's name		Affix your recent passport size photo (Do not staple)
Father's name		
Date of birth dd/mm/yyyy)		
Age on last dates for application	___ y, ___ mo, ___ d	
Sex (male/female/other)		
Married/unmarried		
Nationality		
Religion		
Whether SC/ST/OBC		
Communication address (including PIN)		
Mobile number		
Email ID		

Have you ever been convicted by a court of law or is any criminal case / disciplinary action/vigilance enquiry pending against you? If yes, provide/attach details.	
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Language proficiency	Converse	
	Read	
	Write	

Educational Qualifications: *(Enclose self-attested photocopies)*

Qualifications (from SSLC/Matriculation onwards)		Board/University	Year of Passing	% Marks	Subjects
1	Tenth or equivalent				
2	Higher Secondary				
3					
4					
5					
6					
7					

Details of Previous Employment (if any): *(Pls attach PDFs of proof of work)*

	Employer	Designation	From (date)	To (date)	Duration (yrs, mos, days)	Nature of duties
1						
2						
3						
4						
5						
6						



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A. Please describe your experience in up to 500 words :

B. Fields of Research Experience / Paper submission in national level conference or publications (if any)

D. Any other relevant information: _____

Please provide contact information /email and telephone number of your previous employer whom we can contact regarding your previous/ current work. (Please inform and the persons you list below that they may be receiving calls from us regarding this position, and obtain their permission to mention their names)

I accept enquires about my previous work with my earlier employer(s): Yes / No

Contact information of previous employer(s):

Name	Designation	Company / Organization Name	Phone	Email ID

Check List: (Please tick against those enclosed)

All Certificates must be self-attested and attached in the following order:



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Proof of Identity (Copy of Aadhaar card/ Voter ID / Passport /Driving License)	
Certificate in support of age (Tenth equivalent / High School Certificate)	
Degrees/Diplomas	
Experience certificates	
Any others (if relevant; specify)	

DECLARATION BY THE APPLICANT

Application for the post of: (NAME OF THE POST)

I, _____, wish to apply for the above contract post in an extramural research project, and hereby declare that all the statements made in this application are true, complete, and correct to the best of my knowledge and belief. I understand that if any information is found false, incorrect or ineligible and detected before or after the selection process, my candidature or employment will be terminated. Further, I declare that I have gone through the terms and conditions of the appointment. I will abide by the same and I understand that through applying, qualifying or engagement on this position, I will have no claim against any regular position at JIPMER.

Place:

Date:

(Signature of the Applicant)

NAME (in block letters):