



**Jawaharlal Institute of Postgraduate Medical Education &
Research (JIPMER), Puducherry.**
An Institution of National Importance
ICMR RESEARCH PROJECT



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MEDICAL RESEARCH
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Advertisement Notice for Research Associate and Junior Research Fellow

Applications are invited for the post of Research Associate (RA) and Junior Research Fellow (JRF) from Indian citizens under the research project funded by Indian Council of Medical Research (ICMR).

Project Title: Development of Artificial Intelligence based Treatment Planning 3D Imaging Software for Patients with Liver Cancer and Other Liver Diseases

(A collaborative research project involving JIPMER and Puducherry Technological University)

Principal Investigator: Dr. Biju Pottakkat, Professor, Surgical Gastroenterology, JIPMER, Puducherry.

1	<p>Name of the post: Research Associate</p> <p>No. of post: One (Temporary)</p> <p>Duration: 2 years</p> <p>Essential Qualifications:</p> <ul style="list-style-type: none">• Ph.D or• M.D/MS or Equivalent degree or• 3 years of research, teaching and design and development experience after ME/M.Tech• Atleast one research paper in Science Citation Indexed (SCI) journal.• A prior practical knowledge on image processing applications is preferred <p>Responsibility: The task includes:</p> <ul style="list-style-type: none">• Performing ground truth creation for the abdominal computed tomography (CT) images. Ground truths have to be prepared manually for liver, liver tumour, hepatic artery, hepatic vein and portal vein from the contrast phase-images of the abdomen.• Other relevant work related to the project• Required to work in JIPMER as well as Puducherry Technological University <p>Age limit: Upper age limit 40 years as on the last date of application. Relaxed upper age limit by two years in case of women candidates.</p> <p>Cut-off-date for age limit will be as on last date of submission of application.</p> <p>Stipend: Rs.55,460/- inclusive of HRA (As per ICMR norms)</p>
2	<p>Name of the post: Junior Research Fellow</p> <p>No of post: One (Temporary)</p> <p>Duration: 2 years, may be extended for one more year based on candidate's performance and availability of fund.</p>


Dr. BIJU POTTAKKAT

Professor

Regd. No: TC - 25144

Dept. of Surgical Gastroenterology

Essential Qualification: Post graduate degree ME/M.Tech/M.S in engineering domain (Computer Science / Electronics and Communication Engineering/ Information Technology/ Biomedical / Medical Informatics/ data science or related domains).

Eligibility: PG degree in the domain selected through a process described through any one of the following:

a) Scholars who are selected through National Eligibility Test –CSIR-UGC NET including lectureship (Assistant Professorship) and GATE

b) The Selection process through a National level examination conducted by Central Govt. Departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

Desirable: Passed NET/GATE/equivalent exam.

Prior knowledge on implementation of Machine Learning / Deep Learning algorithms for imaging applications using Python is desirable

Responsibility: The tasks include

- i) Development of AI based segmentation algorithms to segment liver, liver tumour and hepatic vascular structures from contrast phased Image Series and
- ii) 3D Modelling of liver with precise visualization of three aggressive regions of tumour and hepatic vascular structures.
- iii) Other relevant work related to the project
- iv) Required to work in JIPMER as well as Puducherry Technological University

Note: Candidates selected for this position may also apply for the regular Ph.D. program through the institute selection process.

Age limit: Upper age limit 35 years as on the last date of application. Relaxed upper age limit by two years in case of women candidates.

Cut-off-date for age limit will be as on last date of submission of application.

Stipend: Rs.36,580/- inclusive of HRA (As per ICMR norms)

General Instructions and Conditions:


1. Applications not in the prescribed format will not be processed or accepted.
2. Incomplete applications and applications which are not in the format prescribed below and those not satisfying the essential criteria mentioned above will be summarily rejected without assigning any reasons thereof. Candidates may attach their curriculum vitae (CV) with this application. However, application with CV alone without the prescribed form and attachments of certificates etc. will be rejected.
3. Appointment is initially for a period of 12 months and the appointment may be extended based on the performance every year until the project is completed.
4. Validity of the selected list is valid for 12 months from the date of publication of results.
5. Qualification and experience should be in relevant discipline/field.

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6. The above post is purely on temporary/contractual basis, co-terminus of the project & the candidate will have no right to claim for permanent employment in the Institute/ under ICMR or continuation of his or her services in any other project and no claim for any other regular post in JIPMER shall be entertained. No benefit of provident fund, leave travel concession, medical claim etc. will be considered.
7. Canvassing of any kind will lead to disqualification. Submission of wrong or false information during/after the process of selection shall disqualify the candidature at any stage.
8. If performance of the appointee is not found satisfactory by the investigator, appointment can be terminated at any time without any notice.
9. The appointee may be relieved from the current job position if he/she wishes, with one-month prior notice. Relieving earlier may require a deposit of paying one month stipend.
10. A screening written test will be conducted for eligible candidates if more number of applications are received. Final selection will be done by personal and technical interview through a duly constituted interview board.
11. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the JIPMER Institute shall be final.
12. Interested and eligible candidates may submit their application in the prescribed format (appended) along with the self-attested copies of the following testimonials on or before 10.03.2023 4 p.m. as hardcopy to the undersigned.
 - Proof of age (Tenth equivalent/High School Certificate)
 - Certificates for qualification and experience.
 - Caste certificate (If any)
 - Two letters of reference / testimonials
 - Publications

Address for Correspondence:

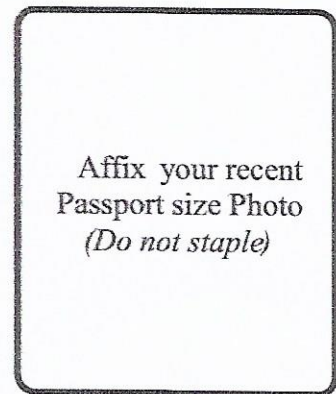
Dr. Biju Pottakkat,
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Application for the Post of Research Associate/ Junior Research Fellow

Fill in with Block Letters –To be printed in A4 size paper



1. Name of the Applicant: _____
2. Post Applied for : _____
3. Father's Name: _____
4. Mother's Name: _____
5. Gender (*Male / Female/ Other*): _____
6. Date of Birth (*dd/mm/yyyy*): _____
7. Marital Status (*Married/ Unmarried*): _____
8. Nationality: _____
9. Address _____ for _____ Communication
: _____

PINCODE: _____
10. Permanent _____ Address
: _____

PINCODE: _____
11. Mobile Phone No.: _____
12. Email ID: _____
13. Whether belongs to SC/ST/OBC: _____
14. Have you ever been convicted by a court of law or is there any criminal case /
disciplinary action / vigilance enquiry completed or pending against you? If so, specify:

15. Fields of Research Experience: _____

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

	Educational Qualification (from SSLC / Matriculation)	Board / University	Month & Year of Passing	Percent of Marks (or Percentile)	Subject(s)
1	Tenth Equivalent				
2	Higher Secondary				
3	Degree				
4	Post Graduate Degree				
5	Ph.D				
5	Others (specify)				

17. Details of Previous Employment/Experience (if any) : *(Enclose self-attested photocopies)*

	Organization	Designation	From Date	To Date	Duration in years, months & days	Regular / Temporary / other (please specify)	Nature of work
1							
2							

18. Name of Referees: (Two Reference letters / Testimonials to be attached):

- i). _____
- _____
- ii). _____
- _____

19. Any other relevant information with documentary proof :

20. Publications if any:

i).

ii).

21. Check List: (Please tick as proof of enclosures) All documents must be self-attested and attached in the following order:

Sl No	Document	Yes / No
1	Proof of age	
2	Certificates for qualifications	
3	Certificates for experience	
4	Caste certificate	
5	Any other relevant information with documentary proof	
6	Curriculum Vitae	

Declaration by the Applicant

I, _____ hereby declare that all the statements made in this application are true, complete, and correct to the best of my knowledge and belief. In the event of any information being found false or incorrect and detected before or after the Exam/Interview, I am aware that my candidature will be cancelled. Further, I declare I have gone through all the terms and conditions of the appointment. I will abide by the same and I will not claim any regularization.

Place: _____

Date: _____

(Signature of the Applicant)