



KGMU
Medicine

King George's Medical University, U.P.

Dr. Durgesh K. Dwivedi
Additional Professor

Department of Radiodiagnosis

Ref. No: ...15/O.R./RD/2024

Date...04/06/2024

To,

The Faculty In Charge
IT Cell
KGMU, UP, Lucknow

Subject: Advertisement for the Various Research Positions for the ICMR Project under Dr. Durgesh K. Dwivedi, Department of Radiodiagnosis, KGMU, Lucknow

Applications are invited for temporary positions in the project titled "**Prognostic Role of Traumatic Brain Injury- Induced White Matter Changes: A Longitudinal Advanced Diffusion MRI Study Leveraging Super-Resolution and Artificial Intelligence**". This project is funded by Indian Council of Medical Research (ICMR) and will be supervised by Dr. Durgesh K. Dwivedi, Additional Professor, Department of Radiodiagnosis, KGMU, Lucknow. The positions are contractual, subject to annual renewal based on performance, and for a duration of three years with a possible extension.

Ideal candidates will have a strong interest in MRI, machine Learning, MR image processing, and neurosciences/neuroimaging. Programming skills are desired. Only candidates with a serious interest in the role should apply.

S. No	Positions	Qualification and Experience	Salary
1	Project Research Scientist I (JRF) - One position	Should have First Class M.Sc/B.Tech/M.Tech in Physics, Computer Science, Biomedical Engineering, CS Biotechnology or related fields. Preference will be given to NET/GATE	Rs. 56000/- +HRA

2	Project Research Scientist II (SRF) - One position	First Class Post Graduate degree, including the integrated PG degree, with 3 years of experience in neuroscience, neuroimaging, Computer Vision, AI or MRI Pulse sequence or PhD. Preference will be given to NET/GATE qualified candidate (Max. age limit 40 years).	In accordance with the ICMR Norms
3	Project Research Scientist III - One position	First class postgraduate degree, a PhD and a minimum of 3 years of experience (Max. age limit 45 years).	In accordance with the ICMR Norms
4	Project Training Support – III - One position	Postgraduate in relevant field (life Sciences/Physics, Chemistry or similar) with experience in research project handling and GEM-related activities (Max. age limit 40 years).	Rs. 28000/- + HRA

Application Process:

Interested candidates should submit their application along with a detailed CV and a research statement containing motivation for research, self-attested copies of degrees, mark sheets, experience certificate, and testimonials to the HOD Office, Department of Radiodiagnosis, KGMU, Lucknow, before 5:00 PM on 25th June, 2024 (with the subject line “Application for JRF/SRF/RA position ICMR 2024 - Project TBI”)

The CV must include the candidate contact information (email and phone number), parents' name, and permanent address. Additionally, it should detail the subjects studied, year of passing, and percentage/CGPA with division for high school, intermediate, graduation, and post-graduation, any other national level examinations.

Position Responsibilities and Desired Expertise:

The candidate should be interested in neuroimaging, traumatic brain injury, machine learning, and advanced MRI image analysis and will interact with scientists, clinicians, neurosurgeons, and neuropsychologists in multiple departments. She/he should have strong analytical, writing, and verbal skills.

The successful candidate may also be considered for admission to the PhD programs as a regular full-time scholar, subject to meeting the eligibility criteria of KGMU, Lucknow. Preference will be given to candidates who have secured first division in all examinations and have qualified in NET/GATE or equivalent national level examination.

Nature of Work:

In this position, the selected candidate will work on advanced Diffusion and tractography MRI and AI-based methods in patients suffering from traumatic brain injury. This full-time PhD/RA role involves analyzing advanced diffusion and tractography and advanced AI-based methods in traumatic brain injury (TBI). The project offers extensive exposure and mentorship from experts at KGMU, IIT, and universities in the USA.

Online Application:

Candidates **MUST** complete online Google form (follow the link or scan the QR code) before 5:00 PM on 25th June, 2024. Note: Login to your Google account is required to complete the form.

<https://bit.ly/48PVScC>

**Interview Details:**

Date: July 2, 2024 (Tuesday)

Time: 10:30 AM

Venue: Office of the Head, Department of Radiodiagnosis, KGMU, Lucknow.

Candidates are required to attend the interview in person, bringing along all relevant original documents. Please be advised that there is no provision for conducting the interview online.

Please note that no separate call letters will be issued and no travel or other allowances will be provided for attending the interview.

Contact Information:

For technical inquiries, candidates can contact the Principal Investigator via email at durgeshdwivedi@kgmcindia.edu with the subject line "Application for JRF/SRF/RA position ICMR 2024 - Project TBI"



Dr. Durgesh K. Dwivedi

Principal Investigator

durgeshdwivedi@kgmcindia.edu

Conditions:

1. **Selection Committee Decision:** The decision of the selection committee shall be final and binding.
2. **Appointment Terms:** The appointment of the selected candidate will be subject to the terms and conditions set forth by the University or funding agency, specifically applicable to this project, as required. The institute reserves the right to fill or not to fill the post advertised.
3. **Joining Duty:** The selected candidate must be prepared to join duty immediately upon receipt of the offer letter.
4. **Fellowship Termination:** The fellowship is subject to termination with a 30-day notice period before the completion of its tenure, should the candidate's performance be deemed unsatisfactory.
5. **Travel and Accommodation:** Travel and daily allowances will not be provided for candidates called for an 'offline' interview. Candidates are responsible for arranging their own accommodation and stay in Lucknow during the interview period.

Distribution:

- Dean, Research & Development, KGMU, Lucknow
- Mr. Rohitash, Budget Coordinator, Division of Development Research, ICMR
- Registrar, KGMU, Lucknow