Thapar Institute of Engineering and Technology, Patiala

Electrical and Instrumentation Engineering Department

Date Extended- 20th January 2020ADVERTISEMENT FOR THE VACANCY IN ICMR SPONSORED PROJECT

Project Title: *3D MRI Data Processing using Deep Learning*

Position: Two JRFs

Duration: 3 Years

Stipend: As per ICMR Guidelines

JRF @ Rs.25000/- pm +10% HRA

QUALIFICATIONS:

Essential: JRF-

M. Tech/ ME/ M.Sc. or equivalent degree in Engineering/Technology in Computer Science/ Electronics/ Instrumentation/ Biomedical /Cognitive & Neuro Science or relevant area with at least 60% marks.

Desirables: The candidate should have knowledge of computer programming (C/C++/Python/MATLAB), Machine Learning/ Deep Learning/ Artificial Intelligence and Biomedical/Digital Image Processing and ready to work on any electronic hardware and 2D/3D software(s).

Specialization: Computer Science/ Cognitive & Neuro /Electronics & Communication/Electronics/Instrumentation/ Mechatronics/Mathematics

*Candidates who have cleared ICMR JRF test will be preferred.

Last Date of Applications: 20th January 2020.

Candidates may also note the following points:

1. Interested candidates may send their typed CV through email (with subject as "JRF Vacancy for ICMR Project") to thaparpgimer@gmail.com before last date.
2. No application would be considered after the due date.
3. Selection committee of T.I.E.T reserves the right to fix suitable criteria for short-listing of eligible candidates.
4. Candidates will be short listed for the interview based on merit and experience of the available candidates. Decision of selection committee will be final.
5. Shortlisted candidates will be informed about the interview date through email only.
6. No TA/DA will be given to the candidates called for the interview.
7. The candidate selected for JRF may also get enrolled for Ph.D. degree simultaneously as per the Institute norms.

8. The fellowship will be offered initially for a period of one year, which can be extended further for two more year depending on the performance evaluation by committee.

9. In the event of the JRF leaving before completing the project, he/she will be required to refund the stipend drawn by him/her from the date of joining to the date of leaving the fellowship.

For any other queries you can contact the following:

1) **Dr. Jainy Sachdeva(PI)**
   Associate Professor
   Electrical and Instrumentation Department
   Thapar Institute of Engineering and Technology,
   Patiala. Email: jainy.sachdeva@thapar.edu

2) **Dr. Chirag kamal Ahuja (Co-PI)**
   Associate Professor, Radio diagnosis & Imaging Despartment
   PGIMER, Chandigarh
   Email:chiragkahuja@rediffmail.com

*<u>Note</u>: The CV should include candidate's name, date of birth, address, mobile, e-mail, qualifications (with subject, year of passing, %age/cgpa), achievements, list of publications (if any), research experience (if any), name of two referees and hardware/ software experience if any (200 words).