**ADVERTISEMENT: Research Scientist AT NATIONAL BRAIN RESEARCH CENTRE (NBRC), MANESAR – 122 051, HARYANA**

Applications are invited for the position of Project Scientist in the laboratory of Prof. Pravat K.Mandal at National Brain Research Centre, Manesar, India. The primary scientific interest of the lab is to identify early *in vivo* biomarkers for neurodegenerative disorders, particularly Alzheimer's disease. The lab uses multi-modal neuroimaging techniques, i.e. magnetic resonance imaging (MRI), functional MRI (fMRI), and magnetic resonance spectroscopy (MRS) to investigate the associated structural, functional, and neurochemical brain alterations, respectively. Interested candidates fulfilling the following requirement can submit their bio-data along with attested copies of certificates in support of their qualifications and experience mentioned in the bio-data, latest by **15<sup>th</sup> January 2014 to The Registrar, National Brain Research Centre, Nainwal Mode, Manesar-122 051, Gurgaon, Haryana**

**Essential Qualifications:**
- Ph.D. degree in relevant discipline (any branch of Science /Engineering) from a recognized university/Institute.
- Keen interest in neuroscience research.
- Strong research track record as demonstrated by
  - Minimum one year research experience in functional neuroimaging and/or signal processing. The individual should be able to contribute to experimental design and data interpretation.
  - peer-reviewed publications* in relevant fields in indexed journal(s).
  
  (**Not including conference abstracts, poster presentations, submitted article etc.).*
- Excellent scientific communication and writing skills. Experience with writing scientific manuscripts is mandatory requirement.
- Ability to multitask, manage time effectively, and document projects.

**Desirable Qualifications:**
- Prior experience and expertise in neurological diseases, aging, or related clinical/translational research is highly desirable.
- Prior experience with brain neuroimaging is particularly welcome.
- Familiarity with stimulus presentation toolboxes (Eprime/Presentation/PTB, or similar) and neuroimaging software packages (SPM/AFNI/BrainVoyager/FSL or similar) will be a plus.
- Prior experience in managing research projects.

**Application Requirement:**
- Curriculum Vitae: Please include the following-
  - Personal details – Full name and contact details
  - Academic profile (from matriculation onwards). Include the name of the qualification, the institution attended, and the year awarded.
  - Employment history.
  - Research Experience – title, objective and brief description of the project.

- o Please include your published/accepted research publications. Please specify the publication details, your contribution as an author to multi-authored publications, plus the standing of the journal.
- Statement of purpose (minimum 350 words) indicating your research interests and experience.
  - o Prepare your statement of objectives and goals in whatever form clearly presents your views. Include as far as you can, your particular interests and show how your background supports these interests. Please discuss how your academic and work experience to date qualifies you for this position.

**Job Profile:**

- Responsible for conceptualization and design of neuroimaging paradigms.
- Active participation in analysis and interpretation of neuroimaging data.
- Supervision and management of ongoing research projects.
- Publishing results in peer-reviewed scientific journals.


**Project Investigator**:  Prof. Pravat K. Mandal
                          Email : **pravat.nbrc@gmail.com**

**Emoluments:**          ` 45,000/- per month + 3% increment per year.

**Contract**:          The tenure will be for a period of one year initially and extendable on performance review. The post will be co-terminus with the project.  Selected candidates will be required to abide by the rules and regulations of NBRC.

**Accommodation**:     Selected applicant will be provided with suitable accommodation may be provided as per rules of NBRC, subject to availability.

The application should contain the following information

1. **Position applied:**
2. **Full Name in Capitals:**
3. **Date of birth:**
4. **Gender :**
5. **Marital status :**
6. **Nationality:**
7. **Address for communication:**
8. **Contact numbers (landline and mobile):**
9. **E-mail ID :**
10. **Have your read in details the ongoing research activities of Dr. Pravat Mandal**
11. **Statement of purpose (maximum length- one A4 sheet) indicating what you can contribute if you are hired for this position**
12. **Details of educational qualifications starting from 10$^{th}$ Class onwards :**
    (Attach copies of certificates)

| Qualification | Board/ University | Date of Commencement | Date of Passing | % Marks | Class / Division |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |

13. **Details of expertise or work experience in support of this research position**
14. **Peer-reviewed publications**


## <u>DECLARATION</u>


I hereby declare that all statements made and information furnished in this application are true and complete to the best of my knowledge and belief.  I also declare that I have not concealed and material information which may debar my candidature for the position applied for.  In the event of suppression or distortion of any fact or educational qualification, etc. made in my application form, I understand that I will be denied selection and if already selected to the said position in the Institute, my services will be cancelled / terminated forthwith.



Signature of the candidate