Advertisement No. Acad/14/2016

NATIONAL BRAIN RESEARCH CENTRE (NBRC) invites application for the position of "**R&D Engineer-1 (Project)**" in a Department of Science & Technology funded project.

Applications are invited for the position of **R&D Engineer-1 (Project)** 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 duly filled-in application as per attached format and bio-data alongwith self-attested copies of certificates in support of their qualifications and experience latest by **18th September, 2016** to the **Registrar, National Brain Research Centre, Nainwal Mode, Manesar - 122 051, Distt-Gurgaon (Haryana).**

Minimum qualification	• M. Tech (Electrical /Electronics/Biomedical)
Desirable experience	• Prior hands on experience with EEG is particularly welcome. • Demonstrated research and scientific writing aptitude as evidenced by peer-reviewed publication* in relevant fields in indexed journal(s). *(*Not including conference abstracts, poster presentations, etc.).* • Expertise in Matlab coding. • Strong academic record and clear evidence of research focus as demonstrated by o Minimum one-year research experience in electroencephalography (EEG) and/or spectroscopy. The individual should be able to contribute to experimental design and data interpretation. • Excellent scientific communication and writing skills. Experience with writing scientific manuscripts is mandatory. • Ability to independently lead research projects.

Application Procedure	• Curriculum vitae including the following:
	  ○ Employment History.
	  ○ Research Experience – title, objective and brief description of the project.
	  ○ 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 500 words) indicating your research interests and experience:
	  ○ 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.
	• Recommendation letter from guide/employer

Job Profile	• Responsible for conceptualization and design involving EEG, MEG/MRS • Active participation in analysis and interpretation of EEG/MRI/MRS data. • Supervision and management of ongoing research projects. • Publishing results in peer-reviewed scientific journals.
Screening Criteria	• Academic credentials • Statement of purpose • Recommendation letter
Emoluments	• ₹ 45,000/- p.m. (consolidated) (No other allowances are applicable).
Project Investigator	• Prof. Pravat K. Mandal For academic questions, send email to **pravat.nbrc@gmail.com**
Tenure	• Initial appointment will be for a period of one year, which can be extended based on a performance review. The post is co-terminus with the project. Selected candidates will have to abide by the rules and regulations of NBRC and DST.
Accommodation	• Accommodation may be provided as per rules of NBRC, subject to availability.

Note : No TA/ DA will be payable to the candidates for attending the interview.

Application for R&D Engineer-1 (Project) in Prof. Pravat K. Mandal's Laboratory

Paste a copy of candidate's colour photograph.

1. **Full Name in Capitals** :_____
2. **Date of birth** :_____
3. **Gender** :_____
4. **Category** :_____
5. **Nationality** :_____
6. **Address for communication** :_____
7. **Phone numbers (landline and mobile):**_____
8. **E-mail ID** :_____
9. **Educational qualifications starting from 10th Class:**
   (Attach self-attested copies of certificates)

Qualification	Institution/ College	Board/ University	Month and year of start of the course	Month and year of Passing	Marks Obtained (%)	Class / Division

10. **Details of work experience, if any:**
11. **Have you read in details the ongoing research activities of Prof. Pravat K. Mandal:**
12. **Statement of purpose (maximum length- one A4 sheet) indicating what you can contribute if you are hired for this position.**

DECLARATION

I hereby declare that all statements made and information's furnished in this application are true and complete to the best of my knowledge and belief. I also declare that I have not concealed any 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 Project, my services will be cancelled / terminated forthwith.

Signature of the candidate