

NATIONAL BRAIN RESEARCH CENTRE (NBRC), Manesar-122051, Gurgaon, requires Junior R&D Engineer (Project).

Applications are invited for the position of **Junior R&D engineer (Project)** in the laboratory of Prof. Pravat K. Mandal at National Brain Research Centre, Manesar, India. The scientific interest of the lab is to identify early *in vivo* biomarkers for neurodegenerative disorders, new/novel signal processing toolbox (Kalpana), Indian Brain Template and new toolbox (Boldsync for fMRI study). The lab uses multi-modal neuroimaging techniques, i.e. magnetic resonance imaging (MRI), functional MRI (fMRI), and magnetic resonance spectroscopy (MRS) and MEG data 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 & bio-data alongwith self-attested copies of certificates in support of their qualifications and experience by speed-post addressed to the **Registrar, National Brain Research Centre, Nainwal Mode, Manesar - 122 051, Distt- Gurgaon (Haryana)**. Last date of receipt of application will be by **5.30 P.M. on 21st August, 2017**.

Name of the Post	Junior Research & Development Engineer (Project)
Number of Vacancy	One
Fellowship	₹ 20,000/- per month (consolidated) (No other allowances are applicable)
Minimum Qualifications	B. Tech. / B.E. (Electrical / Electronic) or Master in Neuroscience Minimum 60% from matriculation onwards.
Desirable Qualification/Experience	<ul style="list-style-type: none"> • Research experience in the area of toolbox design/improvement (Boldsync) and image processing. • Experience with data analysis tools viz., MATLAB, IDL, and R software. • Ability to multitask, effective project leadership and management. • Excellent scientific communication and writing skills. Experience with writing scientific manuscripts is essential. • Design cognitive task for fmri experiment.
Mandatory Requirement	<ul style="list-style-type: none"> • Statement of purpose (SOP) (minimum 500 words) indicating your research interests/expertise in cognitive neuroscience. Candidate should indicate how his/her experience/expertise will help ongoing research activities related to toolbox design for fmri study of the Neuroimaging and Neurospectroscopy laboratory. Application without SOP will not be shortlisted.
Screening process	<ul style="list-style-type: none"> • Short-listing of the candidates will be done based on their: <ul style="list-style-type: none"> ➤ Statement of Purpose (should indicate how his/her experience/expertise will help ongoing fmri related research activities) ➤ Academics credentials.
Project Investigator:	Prof. Pravat K. Mandal For enquiries related to the project, send email to: pravat.nbrc@gmail.com .
Tenure:	The tenure will be for a period of one year initially, extendable on performance review. The post is co-terminus with the project. Selected candidates should abide by the rules and regulations of NBRC
Accommodation:	Accommodation may be provided as per rules of NBRC, subject to availability.

Note:

No TA / DA will be provided for the interview.

Only candidates who are shortlisted by the screening committee will be informed and invited for interview at NBRC.

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**Application for Junior R&D Engineer (Project)
(Neuroimaging and Neurospectroscopy Laboratory)**

1. **Full Name in Capitals** :
2. **Date of birth** :
3. **Gender** :
4. **Nationality** :
5. **Address for communication** :
6. **Phone numbers** :
- (landline and mobile) :
7. **E-mail ID** :

Paste a copy of candidate's colour photograph.

8. **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

9. **Details of expertise or work experience in support of this research position.**
(arrange in reverse chronological order including organization name, post held, scale of pay, basic pay, (attach self-attested photocopies of certificates)).
10. **Have you read in details the ongoing research activities of Prof. Pravat K. Mandal?**
11. **Statement of purpose (maximum length- one A4 sheet) indicating what you can contribute if you are hired for this position.** (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)
12. **Have you at any time been called for interview in the Institute? If so, give details.**

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