

NATIONAL BRAIN RESEARCH CENTRE (NBRC) invites application for the position of “**R&D Engineer (Project)**” in a DBT funded project titled “**Unravelling the causes of stroke and cognitive decline in general population: A cross-cultural perspective**”.

Applications are invited for the position of **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 and bio-data alongwith self-attested copies of certificates in support of their qualifications and experience by speed-post addressed to the “**Administrative Officer (Academics), National Brain Research Centre, Nainwal Mode, Manesar - 122 052, Distt- Gurugram (Haryana)**”. Last date of receipt of application form will be by **5.30 P.M.** on **12th July, 2021**. **Due to the current situation (COVID-19) candidates can apply by post or by email (documents require in pdf format only) (email ID: projectt@nbrc.ac.in)**

Name of the position	• R&D Engineer (Project)
No. of Postion	• 01 (One)
Emoluments	• ₹ 26,000/- p.m. (consolidated) (No other allowances are applicable).
Essential qualification	• B. E. / B. Tech. (Electronics & communication) from a recognized University / Institute • Minimum 60% marks from matriculation onwards.
Desirable qualification / Experience	• Excellent scientific communication and matlab coding. • Ability to multitask, effective project leadership in Neuroscience and management.
Mandatory requirement	• Statement of Purpose (SOP) (minimum 500 words) indicate how his/her experience/expertise and your candidate should indicate how his / her experience / expertise will help ongoing research activities. Application without SOP will not be shortlisted.
Age Limit	• The upper age limit shall be 30 years as on the closing date for receipt of application.
Screening Process	• Academic credentials • Statement of purpose (should indicate how his/her experience / expertise will help ongoing image processing, fMRI related research activities)

- Job Responsibilities** • The candidate will work image segmentation, image processing, methods (toolbox) and techniques (fMRI) development (Boldsyns) in consultation with the Principal Investigator.
- Project Investigator** • **Prof. Pravat K. Mandal, Scientist VII, NBRC**
- Tenure** • Initial appointment will be for a period upto **13th February, 2022.** Continuation of appointment will depend upon satisfactory performance during the appointment period and validity of the project. The post is co-terminus with the project. Selected candidates will have to 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 payable to the candidates for attending the interview.

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

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**Application Form for R&D Engineer (Project) in
Neuroimaging & Neurospectroscopy Laboratory
(Advertisement No. Acad / 21/ 2021)**

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

Past recent colour
photograph of the
candidate

- 10. 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

11. **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)).
12. **Have you read in details the ongoing research activities of Prof. Pravat K. Mandal?**
13. **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)
14. **Have you at any time been called for interview in the Institute? If so, give details.**
15. **Peer-reviewed publication** (only papers in SCI indexed journal mentioning their impact factor)

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