

NATIONAL BRAIN RESEARCH CENTRE (NBRC), Manesar-122052, Gurugram, requires **R&D Engineer (Project)** in a MeitY funded project titled “**Artificial Intelligence for Early Predictive Diagnosis of Alzheimer’s Disease using Multi-Modal Imaging Data**”.

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, 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 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 **5.00 P.M. on 07th June, 2021**. Due to the current situation (COVID-19) candidates can apply by post or by email (documents require in pdf format only) (email ID: projrectt@nbrc.ac.in)

Name of the Post	▪ R&D Engineer (Project)
Number of Vacancy	▪ One
Fellowship	▪ ₹ 35,000/- p.m. (consolidated) (No other author allowances are applicable)
Minimum Qualifications	▪ B. E. / B. Tech. (Electrical / Electronics / Computer Science) ▪ Minimum of 60% from matriculation onwards.
Desirable Experience	▪ Prior hands on experience with Image processing is welcome ▪ Expertise in Matlab coding. ▪ Strong academic record and clear evidence of research focus as demonstrated by published paper ▪ Excellent scientific communication and writing skills. Experience with writing scientific manuscripts is mandatory. ▪ Ability to independently lead research projects.
Job Profile	• Development of Statistical methods for Alzheimer’s disease research
Application Procedure	• Curriculum vitae including the following: <ul style="list-style-type: none"> ○ 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 250 words) indicating your research interests and experience • Recommendation letter from employer

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Screening Process

- Academic credentials
- Statement of purpose
- Recommendation letter

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 and may be extended 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.

**Application for R&D Engineer (Project) in
Neuroimaging & Neurospectroscopy Laboratory
(Advertisement No. Acad / 15 /2021)**

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)

Paste a copy of candidate's colour photograph.

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