

NATIONAL BRAIN RESEARCH CENTRE (NBRC) invites application for the position of “**Senior R&D Engineer (Project)**” in 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 **Senior R&D Engineer (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. We have developed Indian Brain template, BRAHMA and Big data analytics “Bharat”, database and data analytics “SWADESH” and our work “KALPANA” signal processing methodology got US patent. Interested candidates fulfilling the prescribed requirements can send filled-in application form along with bio-data and self-attested photocopies 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, Gurgaon, Haryana**”. Last date of receipt of application will be **by 5.30 P.M. on 08th June 2022**. 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	<ul style="list-style-type: none"> • Senior R&D engineer (Project)
No. of Post	<ul style="list-style-type: none"> • 01 (One)
Essential qualification	<ul style="list-style-type: none"> • M. E. / M. Tech. (Electronics / ECE / Biomedical) OR • B. Tech. / B. E (Electrical / Electronics / ECE / Biomedical with two years’ research experience after the degree. • Minimum 60% marks from matriculation onwards.
Desirable / Experience	<ul style="list-style-type: none"> • Prior hands-on experience with signal processing is welcome • Expertise in Matlab coding. • Strong academic record and clear evidence of research focus as demonstrated by.
Application Procedure	<ul style="list-style-type: none"> • Please do check the research activities of Dr. Mandal from ResearchGate/nbrc web site first. • Curriculum vitae including the following: <ul style="list-style-type: none"> ○ Research Experience – title, objective and brief description of the project. • Statement of purpose (minimum 200 words) indicating your research interests and experience: <ul style="list-style-type: none"> ○ 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. • One Recommendation letter from employer

Job profile	<ul style="list-style-type: none"> • MRS signal processing using Kalpana package
Screening Criteria	<ul style="list-style-type: none"> • Short-listing of the candidates will be done based on their following information: <ul style="list-style-type: none"> ➤ Statement of purpose ➤ Academic credentials
Age Limit	<ul style="list-style-type: none"> • The upper age limit shall be 35 years as on the closing date for receipt of application.
Emoluments	<ul style="list-style-type: none"> • ₹ 45,000/- per month (Consolidated) (No other allowances are applicable) •
Project Investigator	<ul style="list-style-type: none"> • Prof. Pravat K. Mandal For academic questions, send email to <u>pravat.nbrc@gmail.com</u>
Tenure	<ul style="list-style-type: none"> • The tenure will be for a period upto <u>16th September, 2022</u>, which can be extended on performance review based on validity of the project. The post is co-terminus with the project. Selected candidates should abide by the rules and regulations of NBRC.
Accommodation	<ul style="list-style-type: none"> • Accommodation may be provided as per rules of NBRC, subject to availability.

Note:

1. **No TA/DA will be payable to the candidates for attending the interview**
2. **Only candidates who are shortlisted will be called for interview. Candidate are required to attach copy of their self-attested certificates of qualification & experience in support of the claims made by them in their application, failing which their application shall summarily stand rejected without any intimation.**



***National Brain Research Centre (Deemed University),
Manesar, Gurugram-122052, Haryana***
Application form for Senior R&D Engineer (Project)
(Advertisement No. Acad. /14 / 2022)

Please go through the instructions before filling up the application form)
(Email ID: projectt@nbrc.ac.in)

Please attach a recent, signed passport size photograph.

1	Name of the PI	:	
2	Position applied for	:	
3	Name the candidate	:	
4.	Father's Name		
5.	Mother's Name	:	
6.	Postal address	:	
			PIN CODE _____
7.	Permanent address	:	
			PIN CODE _____
8	Phone No (with STD Code)	:	
9.	Mobile No.	:	
10.	E-mail Address	:	
11.	Date of Birth (DD / MM/YYY	:	
12.	Category	:	SC / ST / OBC / PH* / General (attached attested copy of the certificate)
13.	Nationality	:	
14.	Educational Qualification	:	(please attach detailed curriculum vitae along with self-attested copies of educational qualification)

Qualification	Institution / college	Board / university	Month and year of start of the course	Month and year of passing	Marks obtained (%)	Class / Division	Details of proof of certificate attached

13. Any other relevant information (attach separate sheet, if required).
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14. Details of work experience:

Name of Organization / Institute	Designation	Total Emoluments	Length of Service		Nature of work	Details of proof of experience attached
			From	To		

Declaration: I understand that in the event of any information provided above being found incorrect or misleading, my candidature shall be liable to cancellation by NBRC at any time.

Place _____

Signature of the candidate

Dated _____

Instructions for filling the form

- Item No 1-4 should be filled in capital letters.
- Please attach the following with the application form.
 - Self-attested copies of certificates in support of your educational qualifications.
 - Category certificate for SC / ST / Physically challenged candidates.
- In-complete application would be summarily rejected without giving any reason to the candidate or entertaining any correspondence the candidate.
- Merely fulfilling the minimum prescribed qualification and experience will not vest any right on a candidate for being called for interview. Since it may not be possible to call all the candidates for interview, the applications will be short listed and the decision of the duly constituted Screening Committee will be final. The Centre will not entertain any correspondence in this regard and interim enquiries will not be attended to.
- The job contract will be regulated as per the terms of the project and the prevailing rules and procedure followed at NBRC time to time.

Completely filled in application form along with the requisite documents should be sent to “The Administrative Officer (Academics), National Brain Research Centre, NH-8, Manesar-122052, Distt Gurugram, Haryana”. The envelope containing the application form should be marked “Application for Senior R&D Engineer (Project)”. Due to current situation (COVID -19) candidates can apply by post or through email (email ID : projectt@nbrc.ac.in)