

**NATIONAL BRAIN RESEARCH CENTRE (NBRC)** invites application for the position of **“Neuro Imaging Analyst (Project)”** in a **DBT funded project titled “Dementia Science Programme: Incidence / Prevalence / Risk Intervention analysis of dementia and basic research thereof”**.

Applications are invited for the position of **Neuro Imaging Analyst (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” for early diagnosis of Alzheimer’s disease. Interested candidates fulfilling the following requirement can send complete application form to the **Administrative Officer (Academics), National Brain Research Centre, Nainwal Mode, Manesar - 122 052, Distt-Gurgaon (Haryana)** by **21<sup>st</sup> December, 2020**. Due to the current situation (COVID-19) candidates can apply by post or by email (email ID: [projectt@nbrc.ac.in](mailto:projectt@nbrc.ac.in)).

<b>Minimum qualification and experience</b>	<ul style="list-style-type: none"> <li>• <b>BE / B Tech (Electrical / Electronics / ECE / Biomedical) and six months research experience after the degree.</b></li> <li>• <b>60% marks from 10<sup>th</sup> standard onwards</b></li> </ul>
<b>Desirable experience</b>	<ul style="list-style-type: none"> <li>• Prior hands on experience with Digital Image processing is welcome</li> <li>• Expertise in Matlab coding.</li> <li>• Strong academic record and clear evidence of research focus as demonstrated by.</li> <li>• Excellent scientific communication and writing skills. Experience with writing scientific manuscripts is mandatory.</li> <li>• Ability to independently lead research projects.</li> </ul>
<b>Application Procedure</b>	<ul style="list-style-type: none"> <li>• Curriculum vitae including the following: <ul style="list-style-type: none"> <li>○ Employment History.</li> <li>○ Research Experience – title, objective and brief description of the project.</li> <li>○ 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.</li> </ul> </li> <li>• Statement of purpose (minimum 250 words) indicating your research interests and experience: <ul style="list-style-type: none"> <li>○ 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.</li> </ul> </li> <li>• Recommendation letter from employer or the person you did project.</li> </ul>
<b>Job Profile</b>	<ul style="list-style-type: none"> <li>• Application of MRS signal processing</li> </ul>

<b>Screening Criteria</b>	<ul style="list-style-type: none"> <li>• Academic credentials</li> <li>• Statement of purpose</li> <li>• Recommendation letters (two)</li> </ul>
<b>Emoluments</b>	<ul style="list-style-type: none"> <li>• ₹42,000/- p.m. (consolidated) (No other allowances are applicable).</li> </ul>
<b>Project Investigator</b>	<ul style="list-style-type: none"> <li>• Prof. Pravat K. Mandal For academic questions, send email to <a href="mailto:pravat.nbrc@gmail.com">pravat.nbrc@gmail.com</a></li> </ul>
<b>Tenure</b>	<ul style="list-style-type: none"> <li>• Initial appointment will be for a period till <b>17<sup>th</sup> June, 2021</b>. Or project last whichever is earlier. The post is co-terminus with the project. Selected candidates will have to abide by the rules and regulations of NBRC and DBT.</li> </ul>
<b>Accommodation</b>	<ul style="list-style-type: none"> <li>• Accommodation may be provided as per rules of NBRC, subject to availability.</li> </ul>

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