

**NATIONAL BRAIN RESEARCH CENTRE (NBRC), Manesar-122052, Gurgaon,** invites applications for one position of **Project Assistant (Project)** under DBT funded Project titled “**Role of default mode brain network in normal cognitive functions**” (**Ramalingaswami Fellowship-2014-2015**).

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 **The Administrative Officer, National Brain Research Centre, Nainwal Mode, Manesar - 122052, Distt- Gurgaon (Haryana)**. Last date of receipt of application form will be by **5.30 P.M. on 07<sup>th</sup> September, 2020**.

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| <b>Name of the position</b>         | • <b>Project Assistant (Project)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>No. of Post</b>                  | • <b>01 (One)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Essential qualification</b>      | • <b>Master’s in Natural or Agricultural Science / MVSc or Bachelor’s degree in Engineering or Technology or Medicine from a recognized University or equivalent.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Desirable</b>                    | • Given the nature of the project the following background and experience will be considered an added advantage. Basic knowledge of programming (Matlab, Python, R) and Signal processing, Computational methods and modelling, basic statistics as evidenced through previous experience and projects.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Job profile / responsibility</b> | • The focus of the project will be to unravel the link between Brain connectivity and dynamics across variety of common mental disorders (CMD) over the human lifespan. In this project, we are going to relate EEG, fMRI brain activity patterns, anatomy and functional connectivity alterations with behavioral deficits observed in younger and elderly cohort to understand whether the young and elderly groups typically exhibit overlapping and non-overlapping features observed in large scale brain networks and dynamics. Finally, an overarching aim of this project would be to use and apply computational models to gain insight into age associated brain connectivity changes and behavioral phenotype and symptom severity. |
| <b>Mandatory requirement</b>        | • A Statement of Purpose (SOP) should accompany the application, <b>without which the application will not be considered.</b> The SOP is a critical document that must state clearly and specifically the relationship between the applicant’s interests and the research objectives of the lab.                                                                                                                                                                                                                                                                                                                                                                                                                                               |

- Fellowship:** • ₹ 31,000/- pm (consolidated) No other allowances are applicable)
- Age Limit** • Maximum 35 years (as on the last date of receipt of applications)
- Project Investigator:** • **Dr. Dipanjan Roy, Scientist IV**  
For academic question, send email: droy@nbc.ac.in (please do not send application materials to this e-mail address).
- 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.