



# NATIONAL INSTITUTE OF MENTAL HEALTH AND NEUROSCIENCES

Institute of National Importance, Bengaluru – 560 029

ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಸ್ವಾಸ್ಥ್ಯ ಏಂ ತಂತ್ರಿಕಾ ವಿಜ್ಞಾನ ಸಂಸ್ಥಾನ (ರಾಷ್ಟ್ರೀಯ ಪ್ರಸ್ತಾವಣಾ ಸಂಸ್ಥೆ) ಬೆಂಗಳೂರು – 560 029

ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರವಿಜ್ಞಾನ ಸಂಸ್ಥೆ (ರಾಷ್ಟ್ರೀಯ ಪ್ರಸ್ತಾವಣೆ ಸಂಸ್ಥೆ) ಬೆಂಗಳೂರು – 560 029

No. NIMH/PROJ/NOTIF/JRF/01968/2025-26

Date: 03-01-2026

## NOTIFICATION

Applications are invited from eligible candidates, for the post of “**Junior Research Fellow**” (JRF) on contract basis for the CCRH funded project entitled “Developing 2D and 3D in-vitro Parkinson's disease models using hIPSC from Indian ethnicity patients assessing safety and efficacy of Homoeopathy drugs” – under the guidance of **Dr. Indrani Datta**, Professor, Department of Biophysics & Principal Investigator, NIMHANS.

<b>Name of the post</b>	Junior Research Fellow (JRF)
<b>No. of posts</b>	01 (One)
<b>Essential Qualification</b>	M.Sc. OR MTech OR in any field of science/Life science/ Biotechnology/ Physiology / Biophysics/ Biochemistry with a good academic record, and <b>CSIR-NET/UGC/ICMR/INSPIRE qualification</b>
<b>Additional Experience</b>	Candidates with basic knowledge of biochemistry and molecular biology techniques.
<b>Nature of Work</b>	During the course of the project, candidate will learn to isolate & characterize exosomes, culture induced pluripotent stem cells (iPSCs), differentiation of iPSCs to dopaminergic neurons Confocal imaging, Flow cytometry (immunophenotyping, apoptosis, mitochondrial membrane potential), Multi-Electrode array (MEA) for electrophysiology from iPSC derived dopaminergic neurons and in rodent midbrain slices. He/She will gain expertise in biochemical (WB and qRT PCR) and other biophysical techniques (Ultracentrifugation, Spectrophotometry, Dynamic Light Scattering) too. Candidates will be encouraged to apply for PhD (depending upon their performance, enthusiasm and research aptitude).
<b>Maximum Age Limit</b>	28 Years
<b>Emoluments per month</b>	Rs. 37,000/- + 30% HRA per month
<b>Duration of the project</b>	2.5 years (Initial appointment will be made for a period of six months and will be extended further depending upon the performance of the candidate).

Eligible candidates fulfilling the criteria may apply on a plain paper with the resume, age proof and copy of the testimonials through e-mail to [biophysicsnimhans@gmail.com](mailto:biophysicsnimhans@gmail.com). The candidates who apply should invariably mention the Notification no, Date, Email ID, Contact no and Postal address without fail, otherwise the applications will not be considered.

The last date for receipt of filled in application together with the relevant documents is **14 days** from the date of notification. Applications received later will not be entertained. No TA/DA will be paid for attending the interview.

**NOC from the Principal Investigator if working in project Extramural/Intramural in NIMHANS**

Sd/-

**DEAN/ASSOCIATE DEAN, RESEARCH**