



# NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES

Institute of National Importance, Bengaluru – 560 029

राष्ट्रीय मानसिका स्वास्थ्य एवं तंत्रिका विज्ञान संस्थान (राष्ट्रीय प्रमुख्याथा संस्थ) बेंगलुरु – 560 029

ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರವಿಜ್ಞಾನ ಸಂಸ್ಥೆ (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತೆ ಸಂಸ್ಥೆ) ಬೆಂಗಳೂರು-560 029

NIMH/PROJ/MRC-UK/NOTI/NBN/2022-23

Date: 16.11.2022

## NOTIFICATION

Applications are invited from eligible candidates for the post of “**Junior Research Fellow**” & **Senior Research Fellow**” on contract basis for the project entitled “**Multi-centre collaboration International Centre for Genomic Medicine in Neuromuscular Diseases**” under **Dr.Nandeesh B N**, Additional Professor of Neuropathology.

Name of the post	Junior Research Fellow
No of Post	One (1)
Essential Qualification	M.Sc in Life Science
Desirable	<b>One year experience in</b> <b>(i) Clinical</b> <ol style="list-style-type: none"><li>1. Recruiting subjects into study after seeking informed consent from patients, relatives, and healthy controls.</li><li>2. Collection of blood, muscle, and other biological samples.</li><li>3. Transporting all biological samples to Neuromuscular laboratory under optimal conditions and archiving.</li><li>4. Clinical data collection and entry into excel sheet: age, gender, pedigree chart, anthropometry, other clinical features, nerve conduction study data, etc (under supervision).</li></ol> <b>(ii) Laboratory:</b> <ol style="list-style-type: none"><li>1. DNA extraction from blood, muscle, and other biological samples.</li><li>2. Checking DNA quality/ quantity by nanodrop/ gel electrophoresis.</li><li>3. Storage of stock and diluted DNA and cataloguing the same (register and excel sheet).</li><li>4. PCR and sequencing by Sanger technique.</li><li>5. MLPA.</li><li>6. Data analysis: online tools</li></ol>



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ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಸ್ವಾಸ್ಥ್ಯ ಉಂ ತಂತ್ರಿಕಾ ವಿಜ್ಞಾನ ಸಂಸ್ಥಾನ (ರಾಷ್ಟ್ರೀಯ ಪ್ರಮುಖ್ಯಾಥಾ ಸಂಸ್ಥ) ಬೆಗಲೂರು – 560 029

ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರವಿಜ್ಞಾನ ಸಂಸ್ಥೆ (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತೆ ಸಂಸ್ಥೆ) ಬೆಂಗಳೂರು-560 029

	<p>7. Assist in other research activities of the Neuromuscular laboratory pertaining to mitochondrial disorders (as and when required).</p> <p>8. Cell culture work.</p> <p>9. Data entry (Register and excel sheet).</p>
Maximum Age limit	30 years
Salary Structure	Rs.39,370/- (Consolidated)
Duration of Employment	1 year (Initial appointment will be for 6 months which will be extendable depending upon the satisfactory performance of the candidate)

Name of the post	Senior Research Fellow
No of Post	One (1)
Essential Qualification	M.Sc in Life Science
Desirable	<p><b>Three years experience in</b></p> <p><b>(i) Clinical</b></p> <ol style="list-style-type: none"><li>1. Recruiting subjects into study after seeking informed consent from patients, relatives, and healthy controls.</li><li>2. Collection of blood, muscle, and other biological samples.</li><li>3. Transporting all biological samples to Neuromuscular laboratory under optimal conditions and archiving.</li><li>4. Clinical data collection and entry into excel sheet: age, gender, pedigree chart, anthropometry, other clinical features, nerve conduction study data, etc (under supervision).</li></ol> <p><b>(ii) Laboratory:</b></p> <ol style="list-style-type: none"><li>1. DNA extraction from blood, muscle, and other biological samples.</li><li>2. Checking DNA quality/ quantity by nanodrop/</li></ol>



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ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರವಿಜ್ಞಾನ ಸಂಸ್ಥೆ (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತೆ ಸಂಸ್ಥೆ) ಬೆಂಗಳೂರು-560 029

	<p>gel electrophoresis.</p> <ol style="list-style-type: none"><li>3. Storage of stock and diluted DNA and cataloguing the same (register and excel sheet).</li><li>4. PCR and sequencing by Sanger technique.</li><li>5. MLPA.</li><li>6. Data analysis: online tools</li><li>7. Assist in other research activities of the Neuromuscular laboratory pertaining to mitochondrial disorders (as and when required).</li><li>8. Cell culture work.</li><li>9. Data entry (register and excel sheet).</li></ol>
Maximum Age limit	35 years
Salary Structure	Rs.44,500/- (Consolidated)
Duration of Employment	1 year (Initial appointment will be for 6 months which will be extendable depending upon the satisfactory performance of the candidate)

Eligible candidates fulfilling the criteria, may apply by sending their resume, certificates of qualification, experience and testimonial by email to [nandeeshbn@gmail.com](mailto:nandeeshbn@gmail.com).

Candidates who apply, should invariably mention the Notification No. Date, email ID, Contact No. & Postal Address, failing which the application will not be considered. The last date for receipt of the applications is **within 14 days of this notification** and **applications received after the last date will not be considered. Only shortlisted candidates will be communicated.**

Sd/-

Registrar