ADVERTISEMENT FOR THE POST OF PROJECT ASSOCIATE IN AN ANRF FUNDED RESEARCH PROJECT

CHINTA

Applications are invited from eligible candidates for filling up of the post of a "**Project Associate II (b)**" for the ANRF PMECRG funded project titled "**An Integrative Framework to Decipher *in vivo* Regulators of Hair Cell Development and Regeneration**" under the principal investigator (PI) Dr. Agnik Dasgupta, Assistant Professor at Centre for High Impact Neuroscience and Translational Applications (**CHINTA**), **TCG Centres for Research and Education in Science and Technology** (TCG CREST), Kolkata, India. The selected candidate will get to closely collaborate with the researchers at the Institute for Advancing Intelligence (IAI at TCG CREST) and will be supported with high-end GPU clusters.

Name of the Post	**Project Associate II (b)**
No. of Post	One (01)
Educational Qualification	Master's degree in Computer Science, Data Science, Physics, Bioinformatics, BE or B.Tech in Electrical/Electronics/Biomedical engineering with one or two years of experience. A strong desire to work in basic biomedical research and in the field of **Computer Vision** to analyze neuroimaging data utilizing AI/ML tools. Needs to be highly proficient in coding utilizing Python.
Maximum Age Limit	30 years
Emoluments	The selected candidate: **₹33,000/- + 30% HRA per month**.
Duration of the Post	The initial appointment will be for one year and will be extended by two years solely based on satisfactory performance
Required skill set	Some experience with biological signal/image processing, AI/ML, basic knowledge of microscopy, **strong programming skills (Python) and strong interest in biomedical questions and research**
Project Associate II (b) roles and duties	The selected candidate will be required to do full time research in the above specified research project, in particular collecting and processing confocal microscopy-based multiparametric imaging data. The candidate must learn how to utilize machine learning-based tools to perform denoising of images, 3D image segmentation, tracking of objects from time-lapse microscopy images, develop/implement signal/image processing algorithms, and develop quantitative tools for assessing hair cell disorders in hearing-loss mutant animals
Sponsoring Agency	Anusandhan National Research Foundation (ANRF), Government of India

Eligible candidates fulfilling all criteria must email their application along with their resume, research experience, and a statement of purpose by email to **agnik.dasgupta@tcgcrest.org**. Eligible candidates will be shortlisted & the interview details will be communicated to them through email. Last date for receipt of the relevant documents is **May 15th, 2026**.