

Vacancy Announcement

A Research Project titled, “*Multimodal Fusion and Transformer-Based Detection of Glaucoma with Explainable AI (XAI): A Study on the Prevalence of Primary Open-Angle Glaucoma*” funded by the East West University Center for Research and Training (CRTEWU), is seeking applications for the following positions.

Research Assistant/ Associate:

Details of the positions are given below:

Duties and responsibilities (Research Assistant):

The role will involve working on medical image preprocessing, dataset curation, and developing deep learning models using transformer-based architectures. The assistant will also contribute to literature review, simulation experiments, and result analysis, while ensuring proper documentation of research outcomes. Candidates should have a background in Electrical/Computer Engineering or Computer Science, with strong skills in Python, machine learning libraries (TensorFlow/PyTorch), and an interest in healthcare applications of AI.

Qualification:

- B.Sc. in Computer Science and Engineering (CSE)/ Electrical and Electronic Engineering (EEE)

Experience: (If Applicable): N/A

Job Type & Duration:

- This is a full-time contractual position.
- Duration: 01 year

Salary: BDT 20,000/= (consolidated per month)

Duties and responsibilities (Research Associate):

The Research Associate will support clinical aspects of the study, including validation of ophthalmic datasets, interpretation of fundus and OCT images, and providing expert input on glaucoma diagnosis. The role also involves collaborating with the AI research team to align clinical relevance with model development and ensuring compliance with ethical and medical standards.

Qualification:

- Minimum MBBS degree with clinical exposure in Ophthalmology.

- Postgraduate qualification (MD/MS/DO in Ophthalmology) and experience with glaucoma diagnosis is preferred.

Experience (If Applicable): N/A

Job Type & Duration:

- This is a full-time contractual position.
- Duration: 01 year

Salary: BDT 25000/= (consolidated per month)

Application deadline: 28th October 2025

Application Procedure:

Interested candidates are requested to submit their application materials by **October 28, 2025** via email to crtglaucomaproject@gmail.com

The email should include:

1. **Subject line:** Clearly mention the position applied for:
 - [Research Assistant Position: Glaucoma Project 2025] or
 - [Research Associate Position: Glaucoma Project 2025]
2. **Cover letter:** The cover letter should include the requested position.
3. **Attachment:** Include your CV with email.

[NB: Only shortlisted applicants will be contacted for the next round of selection.]