

# Vacancy Announcement

A Research Project entitled “*Transforming Campus Sustainability: Leveraging Smart IoT Devices for Energy-Efficient Green Ecosystem*” funded by the East West University Center for Research and Training (EWUCRT), is seeking applications for the following positions.

## **Research Assistant/Associate:**

Details of the positions are given below:

### **Duties and responsibilities:**

- Conduct literature reviews on IoT-based smart systems, energy management, automation, and sustainability, and assist in system setup, configuration, testing, and pilot implementation.
- Support installation, operation and control of smart devices devices, and collect, organize, and maintain real-time energy consumption data and device logs.
- Monitor system performance through the IoT dashboard, perform quantitative analysis of energy use and carbon-emission reduction, and assist in qualitative data collection through surveys and interviews.
- Prepare figures, tables, technical summaries, reports, and presentations, and assist in manuscript preparation and dissemination of outcomes through conferences or journals.
- Maintain documentation of codes, scripts, datasets, and project progress, and perform other research-related tasks assigned by the Principal Investigator/Co-Investigator.

### **Qualification:**

- M.Sc. or final-stage M.Sc. in Computer Science and Engineering, Software Engineering, Data Science, Information Technology, or a related discipline from a recognized university.
- Strong programming, analytical, and problem-solving skills with proficiency in Python and familiarity with machine learning, deep learning, or related computational tools.
- Knowledge of or interest in IoT systems, embedded devices, smart automation, dashboard-based data monitoring, or computer vision will be an advantage.
- Good communication, documentation, and academic writing skills.

### **Experience (If Applicable):**

- Experience in research or project work involving data collection, preprocessing, experimentation, analysis, documentation, and reporting will be preferred.
- Prior experience as a Teaching Assistant, Graduate Teaching Assistant, Research Assistant, intern, or in similar academic/research roles will be considered an advantage.
- Experience with Python, TensorFlow, PyTorch, data visualization, AI/ML workflows, computer vision, IoT/robotics-related work, or publication writing will be treated as an added advantage.

### **Job Type & Duration:**

Contractual, project-based appointment for the project duration (11 months).

**Salary:**

Research Assistant - BDT 20,000/= (consolidated per month)

Research Associate- BDT 25,000/= (consolidated per month)

**Application Submission Deadline: 14 May 2026**

**Application Procedure:**

Interested candidates should submit an application to Dr. Raihan Ul Islam, Principal Researcher at [raihan.islam@ewubd.edu](mailto:raihan.islam@ewubd.edu) with a current CV by 14 May 2026. Applicants must mention the name of “Position” in the subject line of email.

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