



DEPARTMENT OF CIVIL ENGINEERING
BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY

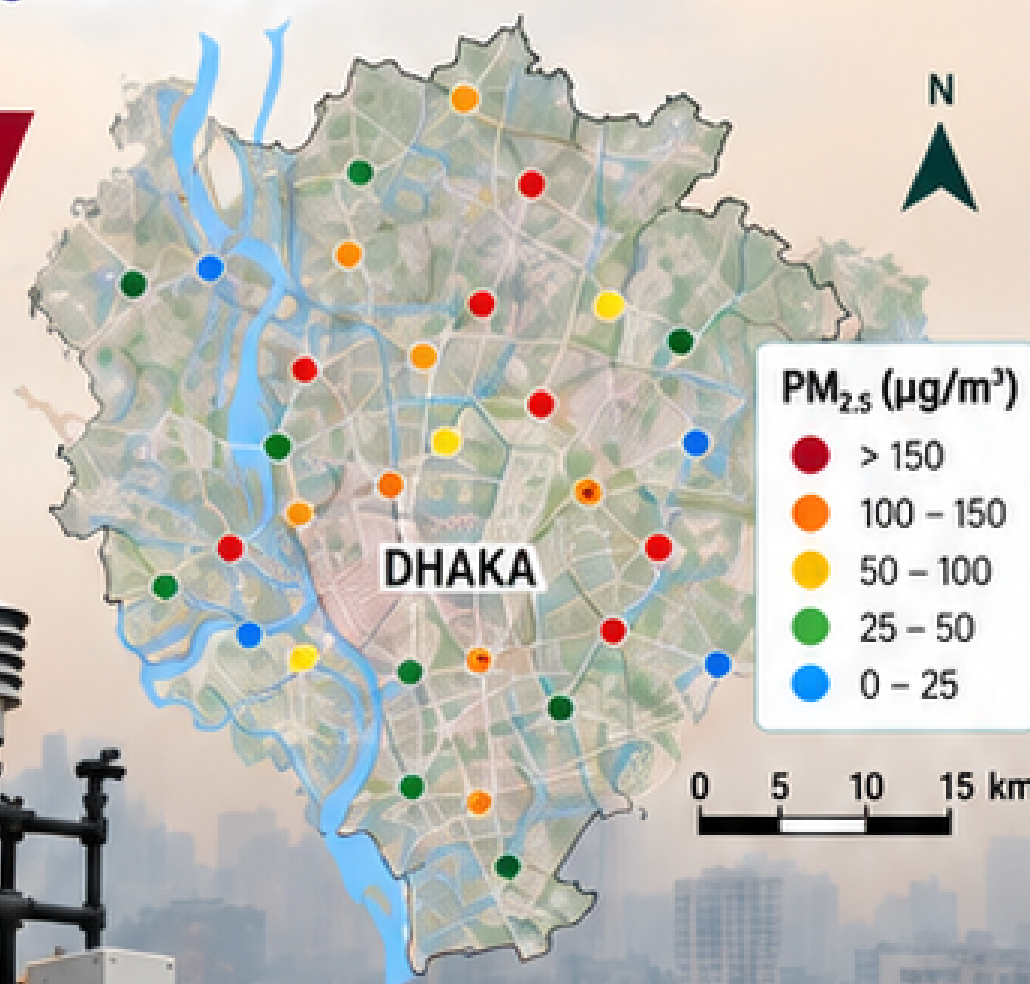
Office of the HEAT Sub Project PIN: 13125

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FELLOWSHIP ANNOUNCEMENT

MSc. RESEARCH FELLOW



HEAT SUB-PROJECT

Development of Mobile Air Quality
Monitoring Unit for High-Resolution
Air Pollution Mapping

PIN – 13125

Funded by the Higher Education Acceleration and
Transformation (HEAT) Project (UGC), Bangladesh



POSITION
MSc. Research
Fellow
(01 Post)



STIPEND
BDT 30,000
per month



DURATION
Full-time
Research Fellowship



DEADLINE
31 October 2026

RESEARCH AREAS & SKILLS



Development and calibration of mobile air
quality monitoring systems



High-resolution pollution mapping and
model validation



Machine learning and GIS-based data
modeling for air quality prediction



Field monitoring and empirical model
development (e.g., Land Use Regression)



Data analysis and visualization for
policy-oriented dissemination



Programming skills in Python, R, or MATLAB
will be considered an advantage



Familiarity with sensor calibration,
environmental data collection, and GIS



Strong analytical, writing, and
communication skills



ELIGIBILITY & APPLICATION



ELIGIBILITY CRITERIA

- Currently enrolled full-time MSc. students in the Department of Civil and Environmental Engineering at BUET.
- Strong academic record with an interest in air quality, environmental modeling, or data science.



APPLICATION REQUIREMENTS

Complete the Google Form and upload the following documents:

- Updated CV with recent photograph
- Academic transcripts and certificates
- A statement of purpose (maximum 2 pages).



HOW TO APPLY

Complete the Google Form via QR code
or using the application link.

SCAN QR CODE



https://cutt.ly/HEAT_fellowship



For any queries, contact:

heat.buet.13125@gmail.com