



DEPARTMENT OF CIVIL ENGINEERING
BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY
Office of the HEAT Sub Project PIN: 13125

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FELLOWSHIP ANNOUNCEMENT

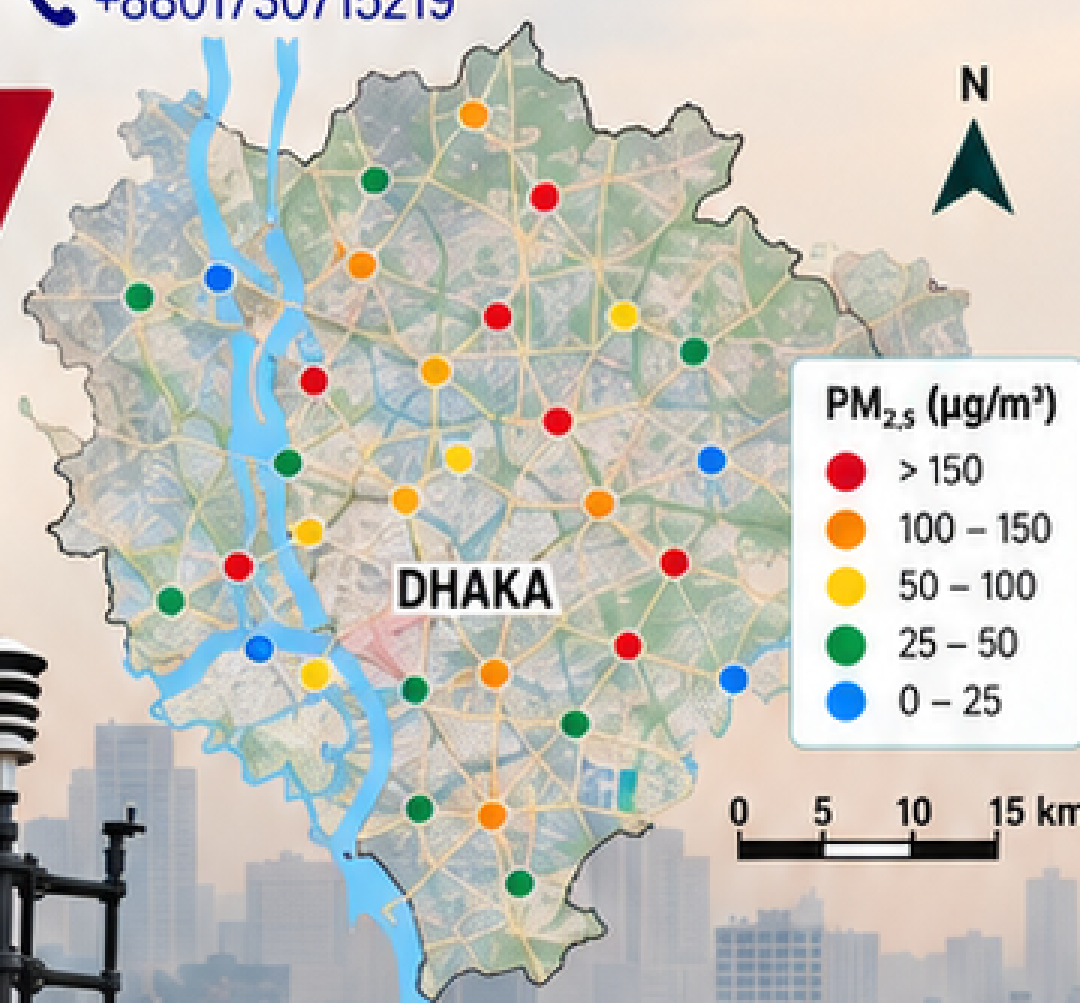
PhD. RESEARCH FELLOW

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
PhD. Research Fellow
(01 Post)



STIPEND
BDT 50,000
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 PhD 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:
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