

Basant Elsayed Abu-Farrag

 **Work :** Faculty of Engineering Tanta University, Tanta, Egypt

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Gender: Female **Date of birth:** 10/01/1998 **Nationality:** Egyptian

ABOUT ME

Assistant Lecturer in the Department of Architecture with a Master's degree focused on Green Infrastructure and the Urban Heat Island phenomenon. Experienced in academic instruction and architectural design. A published researcher with a strong interest in sustainable urban planning and climate-adaptive architecture.

WORK EXPERIENCE

Tanta University

City: Tanta | **Country:** Egypt

[09/2025 – Current] **Assistant lecturer**

[07/2022 – 09/2025] **University teaching assistant**

- Leading review and feedback sessions for the students.
- Organized and supervised student extracurricular activities and academic support events.

EDUCATION AND TRAINING

[09/2021 – 06/2025] **Master Degree**

Tanta University <https://tanta.edu.eg/>

City: Tanta | **Country:** Egypt | **Field(s) of study:** Environmental Architecture | **Level in EQF:** EQF level 7 | **Thesis:** Green Infrastructure as An Approach to Reduce the Urban Heat Island Effect in Existing Cities

[09/2016 – 07/2021] **Bachelor of Architecture**

Tanta University <https://tanta.edu.eg/>

City: Tanta | **Country:** Egypt | | **Level in EQF:** EQF level 6

[09/2001 – 07/2016] **High school**

Public Language school

City: Al-Mahalla Al-Koubra | **Country:** Egypt | | **Level in EQF:** EQF level 4

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

English

LISTENING C1 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Design & Drafting

3D modelling (3D MAX) | AutoCAD, Revit Architecture, | Luminion | Rhino 3D (basic)

Data Analysis & Environmental Simulation

ENVI-Met | ArcGIS (basic)

Presentation & Graphics

Photoshop – Intermediate | InDesign (Basic)

Office Tools

Microsoft Office (Word , Excel and Power Point)

Research & Academic Tools

Mendeley (reference management)

PUBLICATIONS

- [2025] [Comparative Analysis to Evaluate the Effect of the Green Infrastructure Elements on Thermal Performance in Existing Cities: An Applied Study of El-Mahalla El-Kubra](#)
Authors: Abufarrag, Basant Elsayed; Rezk, Ahmed; Youssef Azmy, Neveen; and Mehanna, Walaaa Abou El-Haggag | **Journal Name:** Journal of Engineering Research | **Volume, Issue and Pages:** Vol. 9: Iss. 1, Article 14.
- [2024] [The Impact of Green Infrastructure on Urban Heat Island Phenomenon in Existing Cities](#)
Authors: Basant Elsayed Abu-Farrag, Walaa Abou El-Haggag Mehanna, Neveen Youssef Azmy | **Journal Name:** Journal of Engineering Research | **Volume, Issue and Pages:** Vol. 8: Iss. 2, Article 35