

### Basic Information :

**Name :** Hosam Elhegazy  
**Title :** Lecturer



Hosam Elhegazy received his PhD (2020) from the Department of Civil Engineering (Structural Engineering) at Ain Shams University, Cairo, Egypt. He is currently an Assistant Professor at the Department of Structural Engineering and Construction Management, Faculty of Engineering and Technology at Future University in Egypt (FUE). His research interests include the fields of structural systems, construction management, life-cycle assessment, green buildings, value engineering, productivity, projects' performance, project control, cost estimation and construction technology. He has published numerous articles in peer-reviewed international journals with particular focus on structural systems, cost estimation and topics relating to project control. He is working in the construction and project management for construction of Steel Structures Projects (From Feb.2012 till Now).

### Education:

| Certificate | Major | University | Year |
|-------------|-------|------------|------|
| PhD         |       |            | 2020 |
| Masters     |       |            | 2015 |

### Teaching Experience:

| Name Of Organization                | Position              | From Date  | To Date    |
|-------------------------------------|-----------------------|------------|------------|
| FUE                                 | Teaching Staff Member | 01/10/2015 | Current    |
| FACULTY OF ENGINEERING & TECHNOLOGY | Lecturer              | 01/01/2020 | 01/01/2020 |
| FACULTY OF ENGINEERING & TECHNOLOGY | Assistant Lecturer    | 01/01/2015 | 01/01/2020 |

### Researches / Publications :

Fabrication of g-C<sub>3</sub>N<sub>4</sub>@Bi<sub>2</sub>MoO<sub>6</sub>@AgI floating sponge for photocatalytic inactivation of Microcystis aeruginosa under visible light  
FRP Poles: A State-of-the-Art-Review of Manufacturing, Testing, and Modeling  
Quality Function Deployment Framework for Selecting Optimal Greenhouse Microclimate Control System  
Identification of the best model to predict optical properties of water  
State-of-the-art review on benefits of applying value engineering for multi-story buildings  
"Selecting optimum structural system for R.C. multistory buildings considering direct cost"  
Identification of Knowledge Gaps in Applying Knowledge Areas of Project Management  
Construction Performance Control in Steel Structures Projects  
SUSTAINABLE ASSESSMENT FOR RISK MANAGEMENT CAPABILITIES IN INFRASTRUCTURE PROJECTS  
Factors Improving the Crew Productivity for the Construction of Steel Structure Projects  
Improving the Crew Productivity and Projects Performance for the Construction of Steel Structure Projects

### Other :

State-of-the-art review on benefits of applying value engineering for multi-story buildings  
Selecting optimum structural system for RC multi-story buildings considering direct cost

|  |
|--|
| Identification of Knowledge Gaps in Applying Knowledge Areas of Project Management                       |
| Construction Performance Control in Steel Structures Projects  |
| Improving the Crew Productivity and Project Performance for the Construction of Steel Structure Projects |
| Factors improving the crew productivity for the construction of steel structure projects                 |
|  |

**Awards:**

| Award   | Donor  | Date       |
|---|--|------------|
| Honoring Certificate: The Best Masters for the year 2015 - Structural Eng. Dep. | Faculty Of Engineering, Ain Shams University | 01/01/2017 |