

# CURRICULUM VITAE

## Dina Samy Noaman, Ph.D.

Lecturer, Architectural Engineering and Urban Planning Department,  
Faculty of Engineering, Port Said University.

### PERSONAL DETAILS

<b>Full Name</b>	<b>Dina Samy Noaman Ahmed</b>
<b>Date of Birth</b>	25 /10/ 1987
<b>Nationality</b>	Egyptian
<b>Address</b>	Faculty of Engineering at Port Said, Port Said University, Egypt
<b>Tel.</b>	002 01221535573
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<b>Marital Status</b>	Married

### EDUCATION AND ACADEMIC QUALIFICATIONS

<b>October, 2015</b>	<b>Ph.D.</b> in Architectural Engineering and Urban Planning, Port Said University, Faculty of Engineering, Architectural Engineering and Urban Planning Department, Port Said, Egypt. <u>Thesis Title:</u> The Efficient Integration of Wind Technologies into Buildings
<b>May, 2013</b>	<b>Pre- Ph.D.</b> degree in Architectural Engineering and Urban Planning, Port Said University, Faculty of Engineering, Architectural Engineering and Urban Planning Department, Port Said, Egypt.
<b>February, 2012</b>	<b>Master</b> degree in Architectural Engineering and Urban Planning, Port Said University, Faculty of Engineering, Architectural Engineering and Urban Planning Department, Port Said, Egypt. <u>Thesis Title:</u> Solar Energy as an Approach for Sustainable Architecture in Egypt, Case Study: Residential Buildings.
<b>May, 2010</b>	<b>Pre-Master</b> degree in Architectural Engineering and Urban Planning, Port Said University, Faculty of Engineering, Architectural Engineering and Urban Planning Department, Port Said, Egypt.
<b>May, 2009</b>	<b>B.Sc.</b> in Architecture, Suez Canal University, Faculty of Engineering, Architectural Engineering and Urban Planning Department, Port Said, Egypt. Graduation Project: Electronic University, Project Grade: Excellent, Accumulative Grade: Excellent with grade of honors, ranked the 1st among faculty.

**EMPLOYMENT HISTORY**

<b>November, 2015 - Present</b>	<b>Lecturer</b> , Architectural Engineering and Urban Planning Department, Faculty of Engineering, Port Said University.
<b>March, 2012 - November, 2015</b>	<b>Assistant Lecturer</b> , Architectural Engineering and Urban Planning Department, Faculty of Engineering, Port Said University.
<b>January, 2010 - March, 2012</b>	<b>Demonstrator</b> , Architectural Engineering and Urban Planning Department, Faculty of Engineering, Port Said University.

**COMPUTER SKILLS AND LANGUAGES**

<b>Computer Skills</b>	<ul style="list-style-type: none"> <li>✓ MS Office applications</li> <li>✓ Adobe Photoshop</li> <li>✓ AutoCAD (2d and 3d)</li> <li>✓ 3d max</li> <li>✓ EndNote</li> </ul>
<b>Languages</b>	<ul style="list-style-type: none"> <li>✓ Arabic (Mother Language)</li> <li>✓ English (Good)</li> </ul>

**RESEARCH INTERESTS**

Renewable Energy Technologies (Especially Solar and Wind Applications), Building Integrated Wind Technology (BIWT), the Integration of Solar Applications into buildings, Solar and Wind Applications in Egypt, Sustainable Architecture, Passive Design Strategies, Zero Energy Buildings.

**PROFESSIONAL TEACHING EXPERIENCE**

<b>from 2015 till now</b> <b>Lecturer</b> Lecturing in subjects	<b>Undergraduate program</b> , Architectural Engineering and Urban Planning Department, Faculty of Engineering, Port Said University. <ul style="list-style-type: none"> <li>✓ History and Theory of Architecture 1 (ARC 103), 1<sup>st</sup> year</li> <li>✓ Landscape design (UPL 427), 4<sup>th</sup> year</li> <li>✓ History and Theory of Architecture 2 (ARC 107), 1<sup>st</sup> year</li> <li>✓ History and Theory of Architecture 4 (ARC 320), 3<sup>rd</sup> year</li> </ul> <b>Undergraduate program</b> , Construction Department, Port Said University. <ul style="list-style-type: none"> <li>✓ Building Energy Conservation Technologies(BCM701), 4<sup>th</sup> year</li> </ul> <b>Undergraduate program</b> , Architectural Engineering and Environmental Design Department, Arab Academy for Science, Technology & Maritime Transport. <ul style="list-style-type: none"> <li>✓ Architectural Design 4 (AR414), 4<sup>TH</sup> YEAR</li> </ul>
<b>March, 2012 - November, 2015</b> <b>Assistant Lecturer</b> Worked in subjects	<b>Undergraduate program</b> , Architectural Engineering and Urban Planning Department, Faculty of Engineering, Port Said University
<b>January, 2010 - March, 2012</b> <b>Demonstrator</b> Worked in subjects	

## PROFESSIONAL AFFILIATIONS AND SERVICES

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- ✓ Member of the Egyptian Engineering Syndicate, Architectural Branch.
- ✓ Member of the Quality Assurance & Accreditation Unite, Faculty of Engineering, Port Said University.
- ✓ Department coordinator for the Quality Assurance & Accreditation Unite, Faculty of Engineering, Port Said University from 2015 till now.
- ✓ Participated in the establishment of the 2014 new law for the department undergraduate educational program.
- ✓ Workshops and follow up activities discussing the Continuous Improvement and Qualifying for Accreditation Project (CIQAP).

## PUBLICATIONS

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- ✓ **"Integration of active solar cooling technology into passively designed facade in hot climates."** Journal of Building Engineering, Vol. (56), 15 September 2022, Pages 104658.  
<https://www.sciencedirect.com/science/article/abs/pii/S2352710222006714>.
- ✓ **"The Relation between Alexander's Fifteen Fundamental Properties and Sustainability in Office Buildings."** Port Said Engineering Research Journal, Vol. (24), No. (2), 2020, Pages 1-9. [https://pserj.journals.ekb.eg/article\\_98810.html](https://pserj.journals.ekb.eg/article_98810.html).
- ✓ **"Vertical Skylight Pattern Optimization for Public Spaces: Daylighting and Visual Comfort Analysis for Changing the Shape of Sawtooth Opening in Airport's Holding Room in Cairo"**. Port Said Engineering Research Journal, Vol. (22), No. (2), 2018, Pages 1-7. [https://pserj.journals.ekb.eg/article\\_31779.html](https://pserj.journals.ekb.eg/article_31779.html)
- ✓ **"Towards a computer program for building-integrated wind technologies"**. Energy and Buildings, Vol. (117), No. (1), April 2016, Pages 230–244, ISSN 0378-7788, <http://dx.doi.org/10.1016/j.enbuild.2016.02.022>
- ✓ **"Systematic Framework for the Efficient Integration of Wind Technologies into Buildings"**. Frontiers of Architectural Research, Vol. (5), No. (1), March 2016, Pages 1-14, ISSN 2095-2635, <http://dx.doi.org/10.1016/j.foar.2015.12.004>
- ✓ **"A Review of the State of the Art Wind Technologies for Suitable Integration Concept"**. Port Said Engineering Research Journal, Vol. (19), No. (2) September, 2015.
- ✓ **"Building Integrated Wind Technologies: from Technical Assessment to Suitable Integration Methods"**. Port Said Engineering Research Journal, Vol. (19), No. (1) March, 2015.
- ✓ **"Solar Energy as an Approach for Sustainable Architecture of Residential Buildings in Egypt"**. Port Said Engineering Research Journal, Vol. (16), No. (1) March, 2012.

## CERTIFICATES

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- ICTP Courses

- ✓ **EndNote**(March, 2013)
- ✓ **2D Animation Macromedia Flash**(March, 2013)

- **FLDP Courses**

العملية التدريسية ( 2014 )	✓ معايير
وتقويم ( 2014 )	✓
( 2014 )	✓
( 2014 )	✓
التكنولوجيا التدريسية ( 2011 )	✓
الجامعية ( 2011 )	✓
(يونيه 2011)	✓
التنافسية والمحلية (يونيه 2011)	✓
(مايو 2011)	✓ أخلاقيات
(مايو 2011)	✓

- **DAAD Kairo Akademie**

- ✓ **Proposal Writing GERLS** (March, 2012)

## **SUPERVISION OF ACADEMIC THESES**

- ✓ The Potential of Integrating Solar Cooling Technologies into Building Façade (Master degree)
- ✓ Applying algorithmic approach in the environmental design for office building envelope (Master degree)
- ✓ Morphing Skylight to Optimize Day lighting in Public Spaces (Master degree)

## **CONFERENCE PRESENTATIONS**