

Shaida J. Fathullah

M.Sc. in Architectural Engineering

Assistant Lecturer

Erbil Polytechnic University

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PERSONAL SUMMARY

Shaida received her B.Sc. Degree in Architectural Engineering from Koya University in 2009, and then worked as a demonstrator in the same department until 2011, when she became an M.Sc. student in Nottingham University in United Kingdom. In 2012, awarded M.Sc. degree in Sustainable Building Technology\Nottingham University. Then she re-joined the department of Architectural Engineering in college of Engineering\Koya University as an assistant lecturer. Since October 2018 joined Erbil Polytechnic University/Erbil Technology Institute and works as an assistant lecturer in the Road and Construction Department.

Research Interests

1. Saving Energy and Reusing in Buildings.
2. Retrofitting and Rebuilding Existing Building.
3. Using Renewable Energy in Buildings.

CAREER HISTORY

Architect Engineer and Demonstrator – Koya University – Koya/Erbil

February 2009 - September 2012

Duties:

- Design Drawing hall supervision and providing a safe work environment.
- Carrying out scientific site visits and report.

- Preparing 3D MAX, Revit and Auto CAD drawings for Architectural projects.
- Supervising in-house projects.
- Setting out project works in accordance with drawings and specification.
- Ensuring that all assigned work is completed on time and within agreed budgets.
- Inspect project sites to monitor progress and ensure conformance to design specifications.

Assistant Lecturer – Koya University – Koya/Erbil

February 2012 - September 2018

Duties:

- Teaching at undergraduate level in areas allocated by the department.
- Checking and assessing students' work
- Actively leading class discussions and encouraging debate.
- Lecture planning, preparation and research
- Involved in the exam setup and marking.
- Attending staff meetings
- Attending and presenting seminars
- Reading academic journals
- Writing research proposals, papers and other publications

LECTURER – *Erbil Polytechnic University*

Since September 2018

Duties

- Teaching at undergraduate level in areas allocated by the department.
- Checking and assessing students' work

- Actively leading class discussions and encouraging debate.
- Lecture planning, preparation and research
- Involved in the exam setup and marking.
- Attending staff meetings
- Attending and presenting seminars
- Reading academic journals
- Writing research proposals, papers and other publications
- Member of scientific committee of the Road construction Department

KEY SKILLS AND COMPETENCIES

Professional Skills

- Architect Engineer Designer
- Able to work on your own initiative as well as being a team player.
- Excellent presentation skills
- Computer skills
 - Microsoft office
 - Auto CAD
 - 3D MAX
 - Revit
 - Sketch Up
 - Ecotect
 - Ansys
 - Tas
 - Veray
 - Photoshop and graphic design

Courses, Training and Seminars

- A summer training course of Design of dresses with degree 97, and getting certification of it, 1997.
- Summer training course of free hand , with degree 95 and ranked 1 in 30 students, 1998.
- An experience of architecture practice under a title of (Free hand practice) in the Koya University, 2005.
- A course to develop my English Language under supervision of an American group at Koya University, 2007.
- Computer proficiency training course that conducted from (2009-2010).
- Got a certificate practice of (English Course) which prepared by Koya University, 2010.
- A summer training course of architecture (summery student practice) and certify of work in municipality in Koya, 2006
- Pre-sessional English Course, The University of Sheffield, 2011.
- General English Course, The University of Sheffield, 2011.
- Research ethics, The University of Nottingham 2011
- Climate Design and buildings, The University of Nottingham 2011
- Ecotect of Building and Environmental simulations, The University of Nottingham 2011
- Ansys program and 3D Design, The University of Nottingham 2011
- Sustainable Building Design, The University of Nottingham 2011-2012
- Renewable Technology, The University of Nottingham 2012
- Tas program and environmental simulation, The University of Nottingham 2012
- Sustainable Building Design Conference, London, United Kingdom, 2012
- Teaching Methods Training, Koya University, Koya/Erbil, 2013.
- First International Symposium on Urban Development – Koya as a case study, 2013.
- Sustainable Architecture development problems in Koya, Koya University, 2013
- Member of examination committee during (2013) and (2014) at Koya University

ACADEMIC QUALIFICATIONS

- M.Sc in Architectural Engineering, The University of Nottingham, UK
(14/12/2012)
- B.Sc in Architectural Engineering, Koya University – Koya/Erbil, Iraq
(02/07/2009)

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

- Member of Kurdistan Engineers Union, since 2009.
- Membership: Sustainable Building Technology- UK, WSSET - Hong Kong.
- External lecturer at Cihan University (private university), 2017-2018.

MODULES TAUGHT

As an assistant lecturer in **Koya University**, I have taught the following subjects:

First stage: Principles of art and architecture, Freehand Drawings,
Technical Engineering English, Sketch Up software

Second stage: Building Construction materials II, Architectural Design and Drawings II,
Auto CAD software program

Third stage: Architectural Design Strategies, Architectural Design and Drawings III,
3D MAX Software program

Forth stage: Architectural Environment and Acoustics, Architectural Design and
Drawings IV, Urban Design and City Planning IV

Fifth stage: Architectural Design and Drawings V, Student graduation supervision
projects.

As an assistant lecturer in **Erbil Polytechnic University**, I have taught the followings:

First stage: Computer essentials, Material, Asphalt and materials

Second stage: Auto CAD design and Techniques, Civil 3D

PUBLICATION

Urban Courtyard Housing Form as a Response to Human Need, Culture and Environment
in Hot Climate Regions: Baghdad as a Case Study, in 2017