

Name: SUMANA HOSSAIN

Rank And Status

Lecturer (FT), Architectural Engineering Department, University of Sharjah(UOS). U.A.E.

Member, Institute of Architects Bangladesh (IAB)

Member, Society of Engineers, UAE.

Member, The Design Principles & Practices knowledge Community. U.S.A.

Address and contact

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Education

2004-2005 **PhD Candidate**

Built Environment, Heriot Watt University. UK and U.A.E campus.

2004-2006 **Masters of Urban Design**

Department of Urban Planning and Design in the Faculty of Architecture at The University of Hong Kong. University of Hong Kong.

1996-2002 **Bachelor of Architecture**

Architecture Department, AUST, Dhaka, Bangladesh.

Academic Appointments (11 years experience)

2011 -Pres. **Lecturer (FT)**, Architecture Department, University of Sharjah (UOS). U.A.E

2008- 2011 Assistant Professor (FT),, Architecture Department, Ahsanullah University of Science and Technology, Dhaka, Bangladesh

2003- 2007 Lecturer (FT), Architecture Department, Ahsanullah University of Science and Technology.

Professional Appointments (7years experience)

2009-2010 **Senior Architect**, Al Anwar Architectural and Engineering consultancies, Dubai, UAE.

2005-2008 **Architect**, D Studio Architects, at Green road, Dhaka, Bangladesh.

2005-6mth **Consultant**, Urban Renewal Authority Hong Kong under Department of Architecture, The University of Hong Kong

2002-2004 **Architect**, Riddhi Architects at Eastern Plaza Hatirpool, Dhaka, Bangladesh.

Award And Achievement

2004 Asian Development Bank -Japan (ADB) scholarship for Masters of Urban design, The University of Hong Kong

2000-2002 Merit award during study period of Architecture, Ahsanullah university of Science and Technology (AUST), Dhaka, Bangladesh.

1994 Star mark in Secondary School Certificate, Sheikh Khalifa Bin Zayed Bangladesh Islamia School, Abu Dhabi, U.A.E

Research, Publication and Reviewer:

- 2015 Published Book Journal: The International Journal of Architectonic, Spatial, and Environmental Design Paper title: The Sustainable Development of Waterfronts. Publisher: First published in 2015 in Champaign, Illinois, USA by Common Ground Publishing. Volume X, Issue 2, ISSN: 2325-1662, 2015.
- 2015 Associate Editor of Book Journal: The International Journal of Design in Society. Paper title: The Optimization of Window to Wall Ratio (W.W.R) in Energy- Efficient Tall Office Buildings: A Case Study of Yazd, Iran. Publisher: Common Ground Publishing, Champaign, Illinois, USA. (Work is in progress for current volume of 2015)
- 2006 Published Conference paper. Title: Attraction of Urban Walkways, case study- Dhaka.2nd International Conference on Sustainable Architecture and Urban Design in Tropical Regions- INTA conference-2006 held in Jog Jakarta, Indonesia Theme was Harmony in Culture and Nature. Paper
- 2005 Downtown waterfront development -A case for Hong Kong. Master's dissertation (research)

Supervisor of Design V studio (Architectural & Urban design project)

- 2008 Housing development in Begun Bari Khal, Dhaka Bangladesh.
- 2014 Sharjah University as a Sustainable and Barrier-Free Campus, U.A.E
- 2014 Housing project with collaboration between Sharjah Investment & Development Authority (SHUROOQ) and Architectural Engineering Department, UOS,
- 2015 The heart of Sharjah: Revival of the Heritage Area, U.A.E
- 2017 Sustainable housing at Ar Rahmaniya, for Directorate of Housing Sharjah.

Supervisor of Undergrad Architectural Engineering Thesis Student at UOS

- 2012-2013 The New Dubai Cruise terminal
- 2012-2013 Youth Centre
- 2012-2013 Eco resort
- 2013-2014 Marwa Eco Discovery Center-2013
- 2013-2014 Down Syndrome Rehabilitation Centre
- 2013-2014 Creative Centre
- 2014-2015 Medical Center
- 2014-2015 Therapeutic tourism resort
- 2014-2015 Learning Disability Center
- 2014-2015 Indoor Sport Complex
- 2014-2015 Handicraft Center for Children with different abilities
- 2015-2016 Train Station in Dubai
- 2015-2016 Youth Centre in Sharjah
- 2015-2016 Sport Centre for training, Dubai

Event Organization, Workshop and Competition:

- 2016- 2017 Supervised Design V Students, nominated for the award by Directorate of Housing, Sharjah.
- 2014-2015 Supervised a Competition project for senior II students, theme: "Sharjah Initiative for Designs and Innovation", project title: "Sharjah Cultural Center". Sponsor: Sharjah Economic Development Department (SEDD). The senior research project got 2nd prize. 4th of May.
- 2016-2017 Workshop for Hand Drawing "Detail in Architecture"at University of Sharjah.
- 2011-2015 Organized Four annual exhibitions during fall semester (2011,2013,2014 & 2015) for the students' work of all 5 year design studios of Architectural Engineering Department at the University of Sharjah.
- 2013,2016 Model Making Workshop at the University of Sharjah.
- 2015 Supervised undergraduate creative work Poster for the Research Forum at the University of Sharjah.
- 2014 Participant of Roundtable Session of Arab Future Cities Summit 2014 in Dubai, U.A.E. Organized Architectural design V exhibition at University of Sharjah, 22nd of May.