

Geonho Hong

Department of Architectural Engineering

Hoseo University

Sechul-Ri, Baebang-Eup, Asan-City, Chungnam-Do, Korea, 336-795

Tel. : +82-41-540-5774 Fax. : +82-41-540-5778

Cell. phone : 82-10-2790-5774

E-Mail : honggh@hoseo.edu

EDUCATION

- B.A. Seoul National University Dept. of Architecture, Mar. 1982~Feb. 1986
- M.A. Seoul National University Dept. of Architectural Engineering, Mar. 1990~Feb. 1992
- Ph.D. Seoul National University Dept. of Architectural Engineering, Mar. 1992~Feb. 1996

RESEARCH (Research Projects in the last 10 years)

- Development of green concrete, 2006~2010
- Rapid construction technology development, 2005~2010
- Development of on-line total safety management system for the specific control buildings and facilities, 2007~2009
- Structural performance evaluation of high-strength steel reinforcement, 2007~2010
- Development of high-strength steel reinforcement with rib-shape improvement, 2009~2012
- Development of super-tall building construction technology, 2009~2015
- Development of PC-PSC technology using high performance materials, 2011~2013
- Development of eco-friendly construction materials technology, 2011~2015
- Development of simplified slab system, 2014~Present

EMPLOYMENT

- A first lieutenant, the Republic of Korea Army, Mar. 1986~June 1988
- Staff, Ssangyong Construction Company Overseas Construction Team, July 1988~Oct. 1989
- Researcher, Korea Institute of Science and Technology, Nov. 1990~Oct. 1992
- Associate Researcher, Research Institute of Science and Technology, Jan. 1996~Aug. 1997
- Assistant Professor, Hoseo University Dept. of Architectural Engineering, Sep. 1997~Mar. 2003

- Visiting Assistant Professor, University of California at Los Angeles, Sep. 2001~Aug. 2002
- Associate Professor, Hoseo University Dept. of Architectural Engineering, April 2003~Mar. 2009
- Professor, Hoseo University Dept. of Architectural Engineering, April 2009~Present

SOCIAL ACTIVITY

- Chair of scientific committee, Korea Concrete Institute, Present
- Vice President, Korea Institute of Structural Maintenance Inspection, Present
- Chair of reinforced concrete structure committee, Architectural Institute of Korea, Present

MEMBERSHIPS

- Architectural Institute of Korea, 1992~Present
- Korea Concrete Institute, 1996~Present
- Korea Institute of Structural Maintenance Inspection, 2000~Present

LICENSES AND AWARDS

- Building Engineer
- Award of the Army Chief of Staff, June 1986
- Paper Award of Korea Concrete Institute, Oct. 2004
- Paper Award of Korea Institute of Structural Maintenance Inspection, Nov. 2010
- Paper Award of the Korean Federation of Science and Technology societies, 2012
- Paper Award of Architectural Institute of Korea, 2015
- Honoring of the Minister of Land and Transportation of Korea, 2016

PREVIOUS SABBATICAL YEAR

- Visiting Assistant Professor, UCLA, Sep. 2001~Aug. 2002

LECTURE IN 2017

- 1stSemester
Reinforced Concrete Design 1 (undergraduate)
Engineering Design 1 (undergraduate)
Advanced Reinforced Concrete Design (graduate)
- 2ndSemester
Reinforced Concrete Design 2 (undergraduate)
Engineering Design 2 (undergraduate)
Engineering Experiment (undergraduate)
Elasticity (graduate)

PROFESSIONAL INTERESTS

- Development of eco-friendly cementitious materials
- Structural performance of high-strength concrete and steel reinforcement
- Development of bond design formula between concrete and reinforcement
- Structural diagnosis, repair and rehabilitation