



Bangladesh University of Engineering and Technology (BUET)  
Department of Civil Engineering

## **Civil Engineering Lecture Series**

4:15 PM, Saturday, 18 February 2023

Seminar Room, Level 2

Dr. Jamilur Reza Choudhury Civil Engineering Building, BUET

**Pedestrian Underpass near Shaheed Ramiz Uddin Cantonment School  
and College across Airport Road**

**Dr. Hossain Md. Shahin**

Head and Professor

Department of Civil and Environmental Engineering (CEE)

Islamic University of Technology (IUT), Gazipur 1704, Bangladesh

### Speaker Bio:



Prof. Dr. Hossain Md. Shahin is a renowned academic and researcher. Currently, he is the Head of the Civil and Environmental Engineering Department at the Islamic University of Technology, Gazipur, Bangladesh. Dr. Shahin was the former associate professor at Nagoya Institute of Technology, Japan. He received the Young Scientist Award from the Japanese Geotechnical Society (JGS) for the year 2005. In addition, he received several best paper awards for his innovative researches in his field. He is a member of the International Society for Soil Mechanics and Geotechnical Engineering, Japanese Geotechnical Society, American Society of Civil Engineers, a fellow member of the Institution of Engineers, Bangladesh. He is the editor of 3 books. He published more than 300 Journal and Conference papers. He is a member of the Panel of Experts (PoE) of several mega projects of Bangladesh; Padma Multipurpose Bridge Project, Bangabandhu Sheikh Mujibur Rahman Tunnel Project, Dhaka Subway Project, Dhaka Ashulia Elevated Expressway are among the projects.

Dr. Shahin accomplished Ph.D. in Civil Engineering from Nagoya Institute of Technology, Japan, in 2004. He achieved M.Sc in Civil Engineering from the same institute in 2001. He received B.Sc in Civil Engineering from Bangladesh University of Engineering and Technology (BUET), 1997.

Some milestone research of Dr. Shahin includes – 1D and 3D constitutive modeling of soils, importance of 3D effects in excavation problems, interaction effects between existing foundations and tunneling, bearing capacity of different foundations, effective retaining wall systems, enhancement of bearing capacity of soft soil using geosynthetics, rational design of TBM tunnel, rational slope stability evaluation, economical and safe ground improvement method. He is the editor of some renowned international journals.