Department of Building Engineering and Construction Management
Khulna University of Engineering & Technology
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Biography

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Dr. Md. Habibur Rahman Sobuz
Associate Professor
Research Area Structural and Material Engineering

Education

Ph.D. in Structural Engineering
The University of Adelaide,Australia (2012-2016)
Thesis Title: **The Manufacture and Compressive Ductility of Ultra-high Performance Fiber Reinforced Concrete**
M.Sc. in Structural Engineering
University Malaysia Sarawak ,Malaysia (2009-2011)
Thesis Title: **Flexural and Time-dependent Deflection Behavior of Reinforced Concrete Beams Strengthened with CFRP Laminates**
B.Sc. in Civil Engineering
Khulna University of Engineering and Technology ,Bangladesh(2002-2006)
Study on Salinity of Brick Manufactured by Conventional Technique and itâ€™s Removal Process
HSC
Shahzadpur Govt. College ,Bangladesh(2001)Group: Science,
SSC
Shahzadpur Pilot High School ,Bangladesh(1999)Group: Science,

Service Records

- **Structural Design Engineer**
  The Civil and Structures *From to*
  Working Area:Structural Engineering
- **Structural Design Engineer**
  Tarique Hasan and Associate Limited *From to*
  Working Area:Structural Engineering
- **Research Assistantships**
  Department/Section: Civil Engineering
  University Malaysia Sarawak *From to*
  Working Area:Structural Engineering
- **Teaching Assistanship**
  Department/Section: School of Civil, Environment and Mining Engineering
  The University of Adelaide *From to*
  Working Area:Civil Engineering
- **Research Fellow**
  Department/Section: School of Civil, Environment and Mining Engineering
  The University of Adelaide *From to*
  Working Area:Structural Engineering
- **Assistant Professor**
  Department/Section: Building Engineering and Construction Management
  Khulna University of Engineering and Technology *From to*
  Working Area:Structural Engineering

Research Interest

Structural and Material Engineering
â€¢ Time dependent behavior of reinforced concrete structures and strengthening with FRP
â€¢ Reinforced concrete structures â€“ flexural and strength and ductility behavior
â€¢ Retrofitting of reinforced concrete using fibre reinforced polymer (FRP) materials
â€¢ New generation ultra-high performance fiber reinforced concrete (UHPFRC)
â€¢ Development of ultra-high performance self-consolidating concrete (SCC)
â€¢ Concrete sustainability, concrete durability and concrete materials
â€¢ Recycling of low cost light weight aggregate concrete
â€¢ Sustainable concrete production from waste materials

Publication

Books

1Ahmed,E. and Zin,H. R. S. a. B. F. (2011) , ***Time-Dependent Deflection of Palm Shell Aggregate RC Beams*** , ISBN:978-3-8443-9595-2,Lap Lambert Academic Publishing GmbH & Co. KG, Heinrich-BÃ¶cking-StraÃŸe 6, 66121 SaarbrÃ¼cken, Germany