

MAHMUD AKHTER SHAREEF, PhD

Engineering Team Leader

Fire & Structural Inspection Team

PROFESSIONAL EXPERIENCE

Dr. Shareef has a Master's in Engineering (Fire & Earthquake Engineering) from Carleton University, Ottawa, Canada. Dr. Shareef worked in the Public Works Department (PWD) in Bangladesh (1995-2003), the authorized government department for developing and implementing building codes, and supervised construction and maintenance of more than 100 high rise government buildings. Dr. Shareef specializes in fire safety and public awareness and has conducted research and training on fire safety design.

Additionally, Dr. Shareef holds the following teaching/research positions:

- Associate Professor, School of Business, North South University (Dhaka, Bangladesh).
- Researcher, Ontario Research Network for Electronic Commerce & Research Centre for Technology Management, (Ottawa, Canada).
- Ex Visiting Faculty, DeGroote School of Business, McMaster University (Hamilton, Canada).
- Ex-Fellow, Social Sciences and Humanities Research Council of Canada (Canada).

EDUCATION

Bachelor of Science, Department of Civil Engineering, Bangladesh University of Engineering & Technology, 1991.

Masters in Engineering (Fire & Earthquake Engineering), Department of Civil and Environmental Engineering, Carleton University, 2005.

MBA, Institute of Business Administration, University of Dhaka, 1996.

PhD, Business Administration, Sprott School of Business, Carleton University, 2009.

Post Doctorate, Funded by Social Sciences and Humanities Research Council of Canada, DeGroote School of Business, McMaster University.

STRUCTURAL EVALUATION EXPERIENCE

In his role at the public works department, Dr. Shareef has provided the following:

- Supervision of the construction of many multi-story buildings
- Inspection of multi-story buildings for structural stability, design compatibility, plumbing and overall integrity
- Conducted foundation works like piling, soil testing, and deep tube well installation etc.
- Evaluation of buildings for conformance to building codes



FIRE SAFETY STUDIES

- 2011 **Fire Safety and Canadian Citizens' Awareness**, Sprott School of Business, Carleton University (Ottawa, Canada).
Conducted empirical study among Canadian citizens in both urban cities and rural areas to identify their awareness on fire safety and recommended for performance development.
- 2009 **Feasibility of Fire Safety Design in Industrial Sector**, Sprott School of Business, Carleton University (Ottawa, Canada).
A case study in an apparel company in Bangladesh to identify strategy for appropriate fire safety design and recommend research and development guideline.
- 2004 **Fire Disaster and Safety**
A case study in a Canadian Factory for Fire Safety Design and Training under the Course People in Fires.
- 2004 **Structural Design for Fire in Industrial Sector**
A case study in a Canadian Factory for Structural Design for Fire Safety under the Course Topics in Structures.

RELEVANT TRAINING

- 2008 From Sprott School of Business, Carleton University, *Workshop on Fire Safety and Public Awareness*
- 1997 From Public Works Department, Bangladesh,
Introduction to Construction and Management for Sub-divisional Engineers

AREAS OF SPECIALIZATION

- Disaster Management & Interoperability Among Agencies
- Fire Safety and Public Awareness
- Earthquake Management
- Carbon Credit & Environmental Sustainability (Bamboo Projects in Bangladesh)
- Feasibility of Mobile-Health
- Information & Communication Technology

LANGUAGE PROFICIENCY

Capable of communicating in both Bengali and English.

PROFESSIONAL AFFILIATIONS

Member, Institute of Engineers, Bangladesh



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