

# TOWKIR AHMAD

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## **Education**

### **Dec 2021**

MBA in Entrepreneurship • KAIST College of Business (Seoul, South Korea) • CGPA 3.84 out of 4.30

### **Mar 2016**

BSc in Mechanical Engineering • Bangladesh University of Engineering & Technology • CGPA 3.03 out of 4.00

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## **Job Experience**

### **Feb 2018–Mar 2021**

Assistant Engineer • Mechanical Maintenance of Gas Turbine, Steam Turbine, HRSG and auxiliaries (Scheduled & Break-down), Procurement of Machineries & Spares, Turbine Overhauling • Sirajganj 3×225MW Combined Cycle Power Plant • North-West Power Generation Company Limited

### **Mar 2016–Jan 2018**

Technical Service Engineer • LEED (Leadership in Energy & Environmental Design) Green Building Certification Consultant • ETP, Compressor, Boiler Installation & Commissioning • New Asia Group

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## **Publication, Training & Project**

### **Training, Aug 2021**

Korean Development Experience • 2021 Summer Program of GSIS • Global Knowledge Education & Development Centre, Seoul • 08 days

### **Training, July 2019**

Public Procurement Management (PPA & PPR) • Engineering Staff College Bangladesh • 05 days

### **Training, Sept 2018–Nov 2018**

Operation & Maintenance Training of Combined Cycle Power Plant • Huaneng Power Plant • Xi'an & Zhumadian, China • 56 days

### **Training, Oct 2016–Nov 2016**

Programming of PLC for Industrial Automation, Maintenance and Industrial Automation • Engineering Staff College Bangladesh • 32 days

### **Internship, Feb 2016–Mar 2016**

Urea fertilizer production maintaining EHS • Energy Optimization • Ashuganj Fertilizer & Chemical Company Limited • 14 days

**Undergraduate Thesis, Apr 2015-Feb 2016**

Magneto-hydrodynamic convection heat transfer inside a complex lid driven cavity filled with Alumina-water nanofluid • Supervisor Dr. Maglub Al Nur, Professor

**Project, Nov 2014**

Object identifying grid solver (line following) device • ATmega 32 microcontroller

**Conference Paper, Apr 2014**

Geometric effect on magneto-hydrodynamic convection in a half moon shaped cavity filled with water having semi-circular bottom heater • Procedia Engineering 105 (2015)

**Workshop, Dec 2013**

Thermo-fluid Modelling and Multiphysics Software • Comsol & Ansys • Institute of Engineers Bangladesh • Two-day Workshop

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**Software**

Basic C Programming • AutoCAD • Solidworks • Matlab • Comsol

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**Language**

English (Fluent) • Bangla (Native) • Korean (Basic) • Mandarin (Basic)