



Department of Industrial Engineering and Management  
Khulna University of Engineering & Technology  
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**Dr. Md. Rafiquzzaman**  
Professor

**Research Area**  
**Education**

## Biography

Currently I am serving as Professor in the Department of Industrial Engineering and Management at Khulna University of Engineering & Technology (KUET). My research interest includes- Manufacturing Technology, Industry 4.0, Composite Materials, Supply chain Management, TPM. Teaching area includes- Manufacturing Technology, CIM, Product Design, Engineering Metallurgy, Engineering materials, Solid mechanics etc.

### **h.D. In Production Engineering**

Saitama University, Saitama, Japan (2008)

### **Master of Science in Mechanical Engineering**

Saitama University, Saitama, Japan (2005)

### **Bachelor of Science in Mechanical Engineering**

Bangladesh Institute of Technology, Rajshahi, Bangladesh (2001)

## Service Records

- **R&D Engineer (Mechanical)**

**Sanko Machinery Co., Ltd.** *From to*

Responsibility: Duties and responsibilities: 1. Conduct research into the feasibility, design, operation and performance of mechanisms, components and systems 2. Design machines, components, tools, fixtures and equipment 3. Assist in preparing conventional and computer-assisted design (CAD) engineering designs, drawings and specifications 4. Read and interpret blueprints, sketches and diagrams to determine assembly operations 5. Install major components such as gears, pumps, motors or hydraulic assemblies 6. Assemble, fit and install prefabricated parts to form subassemblies or finish products using hand and power tools 7. Position, align and adjust parts for proper fit and assembly and connect cables, tubes and wires 8. Check mechanical assemblies and subassemblies for alignment and proper functioning 9. Test and check electrical assemblies and wiring for proper connections

- **Manufacturing Engineer**

**Sanko Machinery Co., Ltd.** *From to*

- **Post-doctoral Research Associate**

**Department/Section:** Department of Mechanical Engineering

**National Chung Cheng University** *From to*

Working Area: research duties

Responsibility: Responsible for carried out research duties. Additionally, as a post-doctoral research fellow I have been assist and manage 1 PhD student 1 postgraduate student.

- **Post-doctoral Research Fellow**

**Department/Section:** Department of Mechanical and Materials Engineering

**Universiti Kebangsaan Malaysia** *From to*

Working Area: research duties

Responsibility: Responsible for carried out research duties. Additionally, as a post-doctoral research fellow I have been assist and manage 1 PhD student 2 postgraduate and 3 undergraduate students and I was the leader of our team

## Research Interest