# MD.TOFAZZAL HOSSAIN

Graduate Student
Department of Mechanical Engineering
Bangladesh University of Engineering and Technology (BUET)

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## CAREER OBJECTIVE

o To pursue a career in a field of engineering and production sites of a reputed benign company in Bangladesh where I can establish myself with maintaining a good relationship with my fellows.

## EDUCATION

o **Bangladesh University of Engineering and Technology**, Dhaka    [2012-2017]
 BSc. In Mechanical Engineering (**CGPA: 3.81 out of 4**)    [February 2017]
o **Govt. Sahid Smriti College**, Mymensingh    [2009-2011]
 Higher Secondary Certificate (HSC) (**GPA: 5.00 out of 5**)    [July 2011]
o **Nabarun Bidya Niketon**, Mymensingh    [2005-2009]
 Secondary School Certificate (SSC) (**GPA: 5.00 out of 5**)    [May 2009]

## THESIS AND PROJECTS

o **BSc. Thesis**: Building Design on natural ventilation, **Supervisor**: Dr. Monjur Morshed
o **Instrumentation and Measurement Projects**: A robot named **INSECTA** to walk over too rough surfaces    [Spring 2015]

## AWARDS AND SCHOLARSHIP

o **University Merit Scholarship** (General Grade),BUET
o **Dean's List**, Faculty of Mechanical Engineering, BUET
o **Technical Scholarship**, BUET
o **Junior Board Scholarship**, Mymensingh, Dhaka
o **Award for Robotic competition** from **IEIS,**2015
o **ISK Scholarship** for meritorious result and secured position in BUET

## WORK EXPERIENCE

- o **Industrial Trainee**, at **BRITISH AMERICAN TOBACCO BANGLADESH**, Mohakhali , NEW-DOHS, Dhaka
- o **Industrial Visit** at **Square Textile Ltd**, Gazipur, Dhaka
- o **Modeling and redesign** of **PALASHI MARKET**(BUET) for ease of **Natural Ventilation**
- o **Teaching**
    - Taught Mathematics, Physics and Chemistry to 11-12 grade students.
    - Taught Basic Thermodynamics, Numerical Analysis, Mathematics (Laplace Transformation, Complex Number, ODE,PDE,Vector calculus) and a few more undergrad courses to a English Medium student of BUET.
- o **Technician**
    - An intermediate skilled technician on mechanical and electronic devices e.g. cycle repairing and maintenance, electric circuit maintenance and wiring for households.

## SKILL

- o **Operating System**: Windows                                                    [Proficient]
- o **Documentation and Presentation**: MS-WORD, MS-Office, Excel, MS-PowerPoint
                                                                                    [Proficient]
- o **Programming Language**: C                                                    [Proficient]
- o **Scientific Computing Environment**: MATLAB                                    [Proficient]
- o **Microcontroller Programming**: Arduino                                        [Intermediate]
- o **Modeling and Visualization**: ANSYS                                            [Proficient]
- o **Drawing and Design Tool**: SolidWorks, AutoCad                                [Proficient]

## EXTRA CURRICULUM ACTIVITIES

- o **Interests**: Photography, Music
- o **Sports**: Chess, Cricket
- o Bangladesh Scouts
- o Member of **BADHON** (BUET) and **BLOOD DONOR**

## REFERENCES

- o **A.K.M. Monjur Morshed**, Phd
  Associate Professor, Department of Mechanical Engineering
  Bangladesh University of Engineering and Technology.
  **Academic Relation**: Thesis supervisor
  ✉ monjur_morshed@me.buet.ac.bd

- o **Muhammed Mahbubur Razzaque**,Phd
  Professor, Department of Mechanical Engineering
  Bangladesh University of Engineering and Technology.
  **Academic Relation**: Academic advisor
  ✉ mmrazzaque@me.buet.ac.bd