



# MD NURUL HASAN

I want to engage myself in the field of Mechanical engineering where I explore my talent and my knowledge. I want to enhance my knowledge to develop my career. So, I would like to join a field where I can use my skills and experiences and render my services to humankind most efficiently as a potential and an innovative engineer.



Uttar Bishil, Road No-1, Sornali  
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July 22, 1993



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## SOCIAL MEDIA



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## EDUCATION

07.2009 - 07.2011

**Dhaka Residential Model College**

HSC (Science)

05.2012 - 02.2017

**Chittagong University of Engineering & Technology**

Mechanical Engineering

2018 - present

**International Islamic University Malaysia**

Automotive Engineering (Research Mode)

Already submitted the thesis, waiting for viva.

## EXPERIENCE

**BIT AC-Bangladesh Industrial and Training Assistance Center Dhaka**

Student-Industrial attachment

- Industrial training for 3 weeks

03.2017 - 02.2018

**PRAN-RFL GROUP (Saudi Lubricant Section)**

Operation assistant manager

- I look after all the industries Gas and Diesel generator engine oil and all industries compressor's oil and collect data from in-charge staff.
- Developing the new design of Mobil oil product and customize with newly developed can and also working with the marketing department to create new advertising for the product and quality.

2018 - present

**International Islamic University of Malaysia**

Research Assistant

- Working with an electric vehicle team to developing gearbox and transmission systems.

10.2019 - present

**Universal Cellular Engineering Services Sdn Bhd**

Part-time Subcon

## BACHELORS PROJECT

- Fabrication of a UAV with locating its position 'Supervised by TILOK KUMAR DAS, Assistant professor Department of Mechanical Engineering Chittagong University of Engineering & Technology (CUET).

# POST-GRADUATE PROJECT

Development of Autonomous Electromagnetic 2 speed Gearbox for EV 'supervised by Prof. Dr. MD Aatur Rahman, Department of Mechanical Engineering, IIUM.

## PUBLICATION

- Rahman A., **Hassan N.** , Jaafar AH, Mohiuddin AKM, & Izan SI Study on the development of electromagnetic two speed gearbox for EV. ISSN: 2277-3878, Volume-7, Issue-6S, March 2019.
- Aatur Rahman \*, **MD Nurul Hasan** , Mohd Zaki (2020). Modeling and validation of electric vehicle driveline architecture using bond graph. ISSN: 0193 - 4120 Page No. 15154 - 15167.
- ME-3913 entitled "Artificial Intelligent Embedded Iot Based Two Speed Electromagnetic Gearbox" IJTECH under review
- Aatur Rahman \*, **Nurul Hassan** , Abdul Hassan Jaafar, AKM Mohiuddin, Sany Ihsan Izan "Study on the development of electromagnetic two-speed gearbox for EV". Manuscript (Ref. No. 2020 / BP / 5116D) is provisionally ACCEPTED for publication as a book chapter in the following book: Recent Developments in Engineering Research.

## LANGUAGES

English



Bengali



## SKILLS

- ✓ Good communication skills.
- ✓ Leadership and teamwork mentality.
- ✓ Interested in new research and take challenges.
- ✓ Interested to improve problem-solving skills.
- ✓ Effective interpersonal skills and flexibility.
- ✓ Solid Works, Ms-Excel, Ms-word

## HOBBY



Technology



Music



Traveling



Sports



Cooking

## REFERENCES

Dr. MD.ATAUR RAHMAN  
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