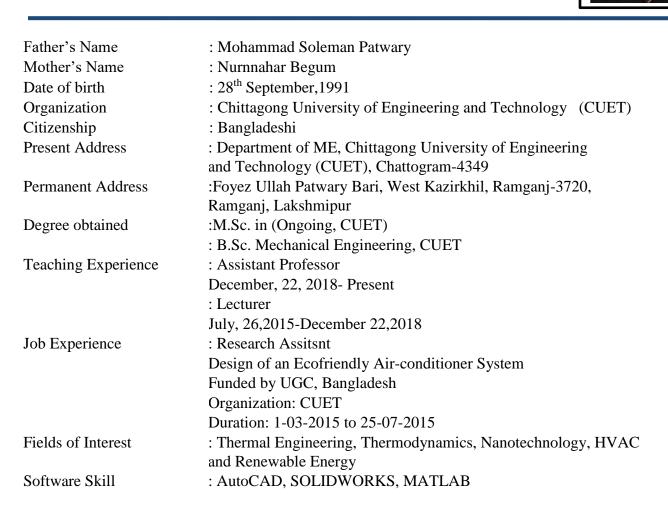
# **MOHAM ED ABDUR RAZZAQ**

Assistant Professor, Department of Mechanical Engineering, CUET

a.razzaq@cuet.ac.bd, razzaqrazcuet@gmail.com Cell: +8801833733141



#### **List of Publications**

- 1. M.A.Razzaq, J.U.Ahamed, M.A.M. Hossain and S.Hossain, A review on hydrocarbon (hcs) as an alternative refrigerant: based on thermodynamic and environmental approach. Mechanical Engineering Research Journal (MERJ), Vol 11, pp 86-96, 2018.
- 2. F.A.Koly, A.R.I. Ali,M.A.Razzaq, and M. Rahman, Comparative Numerical Analysis of Heat Transfer between Nonporous and Porous Cylindrical Fins, Proceedings of *International Conference on Mechanical, Industrial and Energy Engineering, Khulna, Bangladesh, 23-*24 December, 2018

- 3. M.Rahman, M.A.Razzaq, A.A. Noman and J.U. Ahamed, Performance of Heat Transfer of A Plain Tube Fitted With V-Shaped Twisted Tape Inserts of Copper And Stainless Steel Material for Turbulent Flow, Proceedings of *International Conference on Mechanical, Industrial and Energy Engineering, Khulna, Bangladesh, 23-24 December, 2018*
- 4. M.A. Razzaq, M.M.Khan and J.U.Ahamed, Ir-reversibility analysis of a split type airconditioner using R600a as refrigerant, Proceedings of *International Conference on Mechanical Engineering and Renewable Energy, Chittagong, Bangladesh*,18-20 *December*, 2017
- 5. M.A.Razzaq, M.A.M. Hossain and J.U.Ahamed, Enhancement of heat transfer of water for turbulent flow through tube using u-cut twisted tape inserts, Mechanical Engineering Research Journal (MERJ), Vol 10, pp 51-56, 2016.
- 6. J.U. Ahamed, M.A.Razzaq and M.Y. Ali, Comparative study of porous conical pin fin array based on free convective heat transfer, Proceedings of *International Conference on Mechanical Engineering and Renewable Energy, Chittagong, Bangladesh*,26-29 *November*, 2015
- 7. S. Saha, J.U. Ahamed, M.A. Razzaq, S.M. Fahadullah, H. Barman and S.K. Bala, Production of biodiesel from waste vegetable oil, Proceedings of *International Conference* on Mechanical Engineering and Renewable Energy, Chittagong, Bangladesh, 26-29 November, 2015
- 8. M. A. Salam, J.U. Ahamed, M.A. Razzaq and B. Salam, Study and performance analysis of eco-friendly refrigerant for retrofitting r22 in respect to Bangladesh, Proceedings of *International Conference on Mechanical Engineering and Renewable Energy, Chittagong, Bangladesh*, 26-29 November, 2015
- 9. J.U. Ahamed, M.K. Rahman, M.A. Razzaq, M.M. Rahman, and S.M.R. Iftekhar, Design and fabrication of conical pin fin array, Proceedings of International Conference on Mechanical Engineering and Renewable Energy, Chittagong, Bangladesh, 26-29 November, 2015
- 10. D. Sarkar, M.S. Rabbi, J.U. Ahamed and M.A. Razzaq, Experimental investigation of thermoelectric power using candlelight, Proceedings of International Conference on Mechanical Engineering and Renewable Energy, Chittagong, Bangladesh,26-29 November, 2015

# **Ongoing Research**

- Energy and exergy analysis of HC refrigerants with Nano-particles for air conditioner
- Energy and Exergy analysis of Boiler of Chittagong Power Plant
- Heat Transfer Enhancement Using Insert

## **Courses Conducted**

- Introduction to Mechanical Engineering
- Engineering Thermodynamics
- Production and Operation Management
- Numerical Methods in Engineering
- Mechanics of Machinery and Vibration
- Engineering Drawing
- AutoCAD and Design Software
- MATLAB

## **Declaration:**

I, the undersigned declare that, according to my knowledge and belief, this resume correctly describes my qualifications and myself.

Moham Ed Abdur Razzaq