

MOHAM ED ABDUR RAZZAQ

Assistant Professor, Department of Mechanical Engineering, CUET

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Father's Name : Mohammad Soleman Patwary
Mother's Name : Nurannah Begum
Date of birth : 28th September, 1991
Organization : Chittagong University of Engineering and Technology (CUET)
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Present Address : Department of ME, Chittagong University of Engineering and Technology (CUET), Chattogram-4349
Permanent Address : Foyez Ullah Patwary Bari, West Kazirkhil, Ramganj-3720, Ramganj, Lakshampur
Degree obtained : M.Sc. in (Ongoing, CUET)
: B.Sc. Mechanical Engineering, CUET
Teaching Experience : Assistant Professor
December, 22, 2018- Present
: Lecturer
July, 26, 2015-December 22, 2018
Job Experience : Research Assitsnt
Design of an Ecofriendly Air-conditioner System
Funded by UGC, Bangladesh
Organization: CUET
Duration: 1-03-2015 to 25-07-2015
Fields of Interest : Thermal Engineering, Thermodynamics, Nanotechnology, HVAC and Renewable Energy
Software Skill : AutoCAD, SOLIDWORKS, MATLAB

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