

CURRICULUM VITAE OF MD. NURUL HUDA

1. Personal Information:

Name: Md. Nurul Huda

Date of Birth: 27 December 1980

Place of Birth: Comilla, Bangladesh

Nationality: Bangladeshi

Marital Status: Married with one child



Mailing Address:

Assistant Professor

Department of Mathematics

Jagannath University

Dhaka-1100, Bangladesh.

Mobile: (0088) 01670920276

E-mail:mnurulhdu@yahoo.com

2. Education:

Name of the Examination	Year	Institution Name	Result
M.S. in pure Mathematics with Thesis	2002 (held in 2005)	University of Dhaka	1 st Class (1 st position)
B.Sc.(Honors,4 years integrated degree) in Mathematics	2001 (held in 2003)	University of Dhaka	1 st Class (13 th position)
Higher Secondary Certificate	1997	Comilla Govt .College	1 st Division
Secondary School Certificate	1995	Comilla IshwarPathshala	1 st Division
Ph.D. in Mathematics	Ongoing	Jagannath University	

Ph.D. Thesis Title: Biomagnetic Fluid Flow and Heat Transfer in a Physiological Vascular System.

Supervisor: Professor Dr. Md. Shariful Alam, Department of Mathematics, Jagannath University, Dhaka-1100.

Co-Supervisor: Dr. S. M. Chapal Hossain, Assistant Professor, Department of Applied Mathematics, University of Dhaka, Dhaka-100.

M. S. Thesis Title: A study of periodic solutions of integro-differential equations, under the supervision of Professor Dr. Md. Abdul Matin, Department of Mathematics, University of Dhaka.

3. Research Interest: Integral Equations, Numerical Analysis, Computational Fluid Dynamics, Biofluid and Multiphase flow dynamics.

4. Teaching Experience:

- I have gained 15years of teaching experience in two different Universities in Bangladesh.

1. Assistant Professor in the Department of Mathematics, Jagannath University Since August 06, 2012 – Till Date.
2. Lecturer in the Department of Mathematics, Jagannath University from September 29, 2010 to August 05, 2012.
3. Senior Lecturer of Mathematics, School of Science and Engineering, Southeast University from January 19, 2008 to September 28, 2010
4. Lecturer in Mathematics, School of Science and Engineering, Southeast University from May 18, 2006 to January 18, 2008.

5. Awards:

- I have achieved the A. F. Mujibur Rahman Foundation Gold Medal, for the first position in the first class of the M.S.Thesis (Pure Mathematics) final examination of 2002 of the University of Dhaka held in the year 2005.
- I have achieved the A. K. Bazlul Karim Memorial Gold Medal, 2002 for obtaining highest marks in the M.S. Thesis (Pure Mathematics) final examination.

6. Computer Knowledge:

- MS Word, MS Power Point, Excel, COMSOL Multiphysics, ANSYS Fluent, Mathematica, FORTRAN, MATLAB.

7. Membership of Societies:

2007-date Life Member, Bangladesh Mathematical Society

2012-date Life Member, Mathematics Alumni, University of Dhaka, Bangladesh.

8. Supervision

i) Supervision of M. Sc. Thesis Student at the Jagannath University, Dhaka

Student name: Shyful Islam (4th Batch)

Thesis title: On Some Methods for Solving the Volterra Integral Equation.

ii) Supervision of B. Sc. Hons. Project Students at the Jagannath University, Dhaka

From this Department, the following B. Sc. Hons. students have successfully completed their Hons. Project works under my direct supervision.

1. Md. Mohidul Islam
2. Mst. Rozina Akter
3. Roksana Yeasmin
4. Nurunnahar Nitu
5. Md. Safiquel Islam
6. Tapas Chandra Majumder

9. List of Publications:

1. Md. Nurul Huda, S. M. Chapal Hossain. Numerical investigation of multiphase flow in a collapsible bifurcated artery with gradient magnetic field effects. *Jagannath University Journal of Science*, Volume-6, Number-I, II, March2020, 102-119.
2. S. M. Chapal Hossain, Md. Nurul Huda, Numerical simulation of biomagnetic fluid flow in a carotid artery with magnetic field interaction. *Jagannath University Journal of Science*, Volume-6, Number-I, II, March2020, 151-163.
3. Md. Nurul Huda, Mahade-UI-Hassan. Solution of the first kind linear Volterra integral equations by Simpson`s rule. *Jagannath University Journal of Science*, Volume-5, Number-II, July2018, 40-44.
4. M. S. Alam, M. Nurul Huda. A new approach for local similarity solutions of an unsteady hydromagnetic free convective heat transfer flow along a permeable flat surface *International Journal of Advances in Applied Mathematics and Mechanics*, Volume-I, Issue: 2(2013)39-52.
5. Md. Nurul Huda. An explicit algebraic formula for Euler numbers. *Jagannath University Journal of Science*, Volume-1, Number-II, July2012, 107-109.
6. Z. Akhtar, Nurul Huda. An alternative proof of the theorem on Euler numbers. *Ganit: J, Bangladesh Math. Soc.*24, 2004, 107-109.

10. Reference

Dr. Md. Shariful Alam (PhD Supervisor)

Professor and Chairman,

Department of Mathematics

Jagannath University.

Mobile: +8801316814344

E-mail: dralammjnu@gmail.com