

CURRICULUM VITAE OF DR. MD. ABUL KALAM AZAD

1. Name: MD. ABUL KALAM AZAD

2. Father's Name: Chand Mohammad Munshi (Late)

3. Mother's Name: Razia Begum (Late)

4. Present Address:

Associate Professor,

Department of Applied Mathematics,

University of Rajshahi ,Bangladesh.

Email: azad267@gmail.com Mobile: +88 01556333862, Phone: +88 0721-751375

5. Permanent Address:

Shantikunjo, Holding No.-12,

Binodpur Bazar,

Motihar , Rajshahi-6206 , Bangladesh .

Email: azad267@gmail.com Mobile: +88 01556333862, Phone +88 0721-751375(h).

6. Date of Birth: 26 -07-64

7. Nationality: Bangladeshi (by birth)

8. Sex: Male

9. Marital Status: Married. Name of wife: Hasna Hena , No. of children :03 , two daughters and one son.

10. Religion: Islam

11. Training:

- **Foundation Training** at NAEM (National Academy for Educational Management) From 26/02/1996 to 25/04/1996.
- **Completed Teacher's Training** Course for Higher Secondary Syllabus on **Computer Science** from 15/04/2001 to 14/07/2001 at NATTRAMS, Bogra, Bangladesh.

12. Administrative Experience: I am now a house tutor of Monnuzan Residence Hall, University of Rajshahi , Rajshahi from November, 11, 2007 to November 10 ,2010.

13. Post doctoral Fellowship, National Science & Information and Communication Technology (N.S.I.C.T.) Bangladesh. from July 2011 –June 2012

14. Proficiency in languages:

Language	Reading	Writing	Speaking
Bengali	Good	Good	Good
English	Good	Good	Good

15. Educational Qualification:

Name of Exam	Duration From-To	Name of Institute	Year of Passing	Division/ Class	Board / University	Subjects are studied
S.S.C.	1977-1979	Rajarampur Hamidullah High School , Nawabganj, Bangladesh	1979	2 nd Division	Rajshahi Board , Bangladesh	Bengali , English , Physics Chemistry , Mathematics Biology , Religion.
H.S.C.	1979-1981	Nawabganj Govt. College , Nawabganj, Bangladesh.	1981	2 nd Division	Rajshahi Board , Bangladesh.	Bengali , English Physics Chemistry , Mathematics Biology, Religion.
B.Sc.	1982-1983	Nawabganj Govt. College, Nawabganj, Bangladesh.	1983	1 st Class	Rajshahi University, Bangladesh.	Algebra, Trigonometry and Vectors, Geometry, Differential and Integral Calculus, Differential Equation and Mechanics Physical Chemistry, Organic Chemistry, Inorganic Chemistry, Mechanics and Properties of matter, Heat thermodynamics and Radiation, Waves and Sound , Electricity and Magnetism , Atomic and Nuclear Physics and Electronics.
M.Sc.	1985-1986	Depart of Mathematics University of Rajshahi Rajshahi-6205 Bangladesh.	1986	1 st Class	Rajshahi University, Bangladesh.	Theory of Real Variables, Tensor and Vector Calculus, Matrices, Mathematical Methods , Classical Mechanics , Hydrodynamics, Quantum Mechanics, Compressible Flow , Boundary Layer theory , Meteorology, Magneto-hydrodynamics , Statistical Mechanics , Special Relativity , General Relativity , Population Science.
Ph.D.	1999-2004	Department of Mathematics, University of Rajshahi, Rajshahi -6205 Bangladesh.	2004	Awarded	Rajshahi University, Bangladesh	Title of Ph.D. Thesis: "Some Theoretical Studies on Turbulence and Magneto-hydrodynamic Turbulence".

16. Teaching experiences:

Duration: From - To	Position / Designation
January 22, 2007 to till now	Assistant Professor, Department of Applied mathematics, University of Rajshahi, Bangladesh .
June, 17, 2004 to , January, 21, 2007	Assistant Professor, Department of mathematics, Rajshahi Govt. College Rajshahi, Bangladesh.
July, 01, 2002 to June, 16, 2004	Assistant Professor, Department of mathematics and officer on special duty, Secondary and Higher Education, Bangladesh, Dhaka.
July, 07, 2001 to June, 30, 2002	Assistant Professor, Department of mathematics, Gaibandha Govt, Women College, Gaibandha, Bangladesh.
November, 16, 1993 to July 05, 2001	Lecturer, Department of mathematics, Rajshahi Govt. City College Rajshahi, Bangladesh

17. Supervision of M. Sc. thesis/ M. phil/ Ph. D Students:

SL. No.	Name of students/ Students No./Session	Program	Title of the thesis	Status
1.	Md. Mamunur Rashid Students No.07329 Session:2007-08	M. Phil.	Some Numerical study on turbulence and Magneto-hydrodynamic turbulence	Continuing
2.	Md. Abdul. Aziz Students No.06220 Session: 2006-07	Ph. D.	A study on turbulence and Magneto-hydrodynamic turbulence	Submitted for evaluation
3.	Md. Helal Uddin Molla Students No.08303 .Session: 2008-09	M. Phil.	A study on turbulence by two scale direct interaction approach	Continuing
4.	Mst.Mumtahirah Students No.08319 Session: 2008-09	M. Phil.	A study on turbulent and Magneto-hydrodynamic turbulent flow in compressible fluid	Continuing
5	Md. Sazzad Hossain Students No.02044086 .Session: 2006-07	M, Sc. thesis	A study on pressure fluctuation and decay of turbulence	Awarded
6	Palash Kumar Saha Students No.03074198 Session:2007-08	M Sc. thesis	A study on fiber motion in turbulence	Awarded
7	Md. Abu Baker Pk. .Session: 2008-09	Ph.D.	A study on Atmospheric Turbulence	Continuing
8	Md. Mozammel Haque Students No.04014220 Session: 2007-2008	M. Sc.	A study on one dimensional flow	Awarded
9	Ajit Kumer Students No. 03074218 Session: 2007-2008	M. Sc.	A study on decay of temperature fluctuations	Awarded

10	Md. Shamsul Islam Students No.10218 Session: 2010-2011	M. Phil.	Analytical Simulation on turbulent and Magneto-hydrodynamic turbulent flow.	Continuing
11	Md. Sujauddoula Students No.04014220 Session: 2007-2008	M, Sc. thesis	The effect of viscosity of liquid in turbulent flow	Awarded
12	Ananda Kumar Das Students No.04044155 Session: 2008-2009	M, Sc. thesis	A study on temperature fluctuations in turbulent flow	Awarded
	Ausim Kumar Students No. 06104174 Session: 2009-2010	M, Sc. thesis	Investigation of the Effect of Renold's No. on Turbulent Flow	Continuing
	Md. Hasanur Rahman Students No. Session: 2009-2010	M, Sc. thesis	Investigation of the Effect of Coriolis Force on Turbulent Flow	Continuing

18. Participate in a Seminar/ Conference:

- **Presented a paper entitled** “Decay of dusty fluid MHD turbulence before the final period in a rotating system for the case of multi-point and multi-time” in the **14th Mathematical Conference at University of Dhaka on December, 2003.**
- **Presented a paper entitled** “Decay of temperature fluctuations in homogeneous turbulence before the final period for the case of multi-point and multi-time in a rotating system in presence of dust particle” in the **International Conference on frontier of Mathematics and applications at Burdwan University, West Bengal , India.**
- **21st Bangladesh science conference, Bangladesh Agriculture Institute, Joydebpur, Gazipur, February 18-20, 2009.**
- **16th Mathematics Conference, BUET, Dhaka, December 17-19, 2009**

19. Passing Another Examination:

- **Passing Departmental and Senior Scale Examination** under the Government of The People's Republic of Bangladesh during my previous service at Government College.
- **Passing 14th B.C.S. Examination** (General education).

20. Name of Referees

1. Professor Dr. A. K. M. Azharul Islam

Department of Physics

University of Rajshahi, Rajshahi-6205, Bangladesh.

Email: jsr_editor@ru. ac. bd Phone: +88 0721 750 980 Mobile:

2. Professor Dr.M. Shamsul Alam Sarker

Department of Applied Mathematics

University of Rajshahi, Rajshahi-6205, Bangladesh.

Email: .Email: sasmathbd@yahoo.com Phone +88 0721 750 745(Res.)

+88 0721 750041-49/4155(off.), Mobile: +8801715040009

21. Membership

- Life Time Member of Bangladesh Mathematical Society, No-.593.
- Member Dean of Science, University of Rajshahi, Bangladesh.

22. COMPUTER SKILLS:

Programming Language:

- C++ , MATHLAB, Mathematica, Fortran 98, MS Word, MS excel, Power Point

23. Published articles:

1. **M. A. K. Azad and M. S. Alam Sarker**, Decay of MHD turbulence before the final period for the case of multi-point and multi-time in presence of dust particle, **Bangladesh J. Sci. Ind. Res.****38(3-4),151-164,2003.**
2. **M. A. K. Azad and M. S. Alam Sarker**, Decay of Dusty fluid MHD turbulence before the final period in a rotating system for the case of multi-point and multi-time, **Journal of Bihar Mathematical Society, India**,**23,1- 20,2003**
3. **M. A. K. Azad and M. S. Alam Sarker**, Statistical theory of certain distribution functions in MHD turbulent flow in a rotating system in presence of dust particle , **Rajshahi University Studies, Part-B, Journal of Science**, **32, 193-210, 2004**
4. **M. S. Alam Sarker and M. A. K. Azad**, Decay of MHD turbulence before the final period for the case of multi-point and multi-time in a rotating system , **Rajshahi University Studies, Part-B, Journal of Science**, **32, 177-192, 2004.**
5. **M. S. Alam Sarker and M. A. K. Azad**, Decay of temperature fluctuations in homogeneous turbulence before the final period for the case of multi-point and multi-time in a rotating system , **Bangladesh J. Sci. Ind. Res.**, **41, (3-4), 147-158, 2006.**
6. **M. A. K. Azad and M.S. Alam Sarker**, Decay of temperature fluctuations in homogeneous turbulence before the final period for the case of multi-point and multi-time in presence of dust particle, **Rajshahi University Studies, Part-B, Journal of Science**, **34, 37-50, 2006.**
7. **M. A. K. Azad, M. S. Alam Sarker and N. I. Mondal** , Decay of temperature fluctuations in dusty fluid MHD turbulence before the final period in a rotating system, **Journal of Engng. and Applied Siences**, **1(2), 187-194, 2006.**
8. **M. A. K. Azad and M.S. Alam Sarker** , Decay of temperature fluctuations in homogeneous turbulence before the final period for the case of multi-point and multi-time in a rotating system in presence of dust particle, **Journal of Applied Siences Research**, **4(7),793-802,2008.**
9. **M. A. K. Azad and M.S. Alam Sarker** , Decay of temperature fluctuations in MHD turbulence before the final period in a rotating system , **Journal of Bangladesh J. Sci. Ind. Res**,**44(4), 407-414,2009.**
10. **M. A. K. Azad, M. A. Aziz and M. S. Alam Sarker**, First Order Reactant in MHD Turbulence Before the Final Period of Decay in a Rotating System, **Journal of Mechanics of Continua and Mathematical Sciences**, **4(1), 410-417, 2009.**

11. **M. A. K. Azad, M. A. Aziz and M. S. Alam Sarker**, First Order Reactant in Magneto-hydrodynamic Turbulence before the Final Period of Decay in presence of dust particles in a Rotating System, **Journal of Physical Sciences**, **13** , **175-190**, **2009**.
12. **M. A. Aziz, M. A. K. Azad and M. S. Alam Sarker**, First Order Reactant in Magneto-hydrodynamic Turbulence before the Final Period of Decay for the Case of Multi-Point and Multi-Time in a Rotating System, **Research Journal of Mathematics and Statistics** , **1(2)**, **35-46**, **2009**.
13. **M. S. Alam Sarker, M. A. K. Azad and M. A. Aziz**, First Order Reactant in MHD Turbulence before the Final Period of Decay for the Case of Multi-Point and Multi-Time in Presence of Dust Particles. **J. Phy. Sci.**, **13**, **21-38**, **2009**.
14. **M. A. K. Azad, M. S. Alam Sarker and M. A. Aziz**, Decay Law of temperature fluctuations in dusty fluid MHD Turbulence before the final Period, **J. Math. Forum**, **XX**, **32-48**, **2007-7008**, **2009**.
15. **M. A. K. Azad, M. A. Aziz and M. S. Alam Sarker**, First Order Reactant in Magneto-hydrodynamic Turbulence before the Final Period of Decay in presence of dust particles, **Bangladesh Journal of Scientific & Industrial Research**, **45(1)**, **39-46**, **2010**.
16. **M. A. Aziz, M. A. K. Azad and M. S. Alam Sarker**, Statistical Theory of Distribution Functions in Magneto-hydrodynamic Turbulence in a Rotating System Undergoing a First Order Reaction in Presence of Dust Particles, **Res. J. Mathematics and Statistics** , **2(2)**, **37-55**, **2010**
17. **M. A. Aziz, M. A. K. Azad and M. S. Alam Sarker**, First Order Reactant in MHD Turbulence before the Final Period of Decay for the Case of Multi-Point and Multi-Time in a Rotating System in presence of dust particle, **Research Journal of Mathematics and Statistics**, **2(2)**, **56-68**, **2010**
18. **M. A. Aziz, M. A. K. Azad and M. S. Alam Sarker**, Statistical Theory of Certain Distribution Functions in MHD Turbulent Flow Undergoing a First Order Reaction in Presence of Dust Particles, **Journal of Modern Mathematics and Statistics**, **4(1)**, **11-21**, **2010**
19. **M. S. Alam Sarker, M. A. Aziz and M. A. K. Azad** , Effect of Coriolis Force on Dusty Viscous Fluid Between Two Parallel Plates in MHD Flow, **International Journal of Fluid Mechanics**, **2(1)**, January-June, **9-27**, **2010**.
20. **M. A. K. Azad, M. A. Aziz and M. S. Alam Sarker**, Statistical Theory of certain Distribution Functions in MHD Turbulent flow for Velocity and Concentration Undergoing a First Order Reaction in a Rotating System, **Bangladesh Journal of Scientific & Industrial Research** **46(1)** **59-68-68**, **2011**.

Accepted Articles (In deferent International Journals):

1. **M. A. Bkar. Pk, M. A. K. Azad and M.S.Alam Sarker**, First-order Reactant in Homogeneous dusty fluid Turbulence Prior to the Ultimate Phase of Decay for Four-Point Correlation in a rotating system, **Accepted for publication in the Journal RJMS, 2012**
2. **M. A. Bkar. Pk, M. A. K. Azad and M.S.Alam Sarker**, First-order Reactant in Homogeneous Turbulence Prior to the Ultimate Phase of Decay for Four-Point Correlation in presence of dust particle, **Accepted for publication in the Journal RJASET, 2012**
3. **M. A. K. Azad, M. H. U. Molla and M. Z. Rahman**, Decay of Temperature Fluctuations in Turbulence Before the Final Period in a Rotating System, **Accepted for publication in the Journal RJMS, 2012**
4. **M. A. K. Azad, M. H. U. Molla and M. Z. Rahman**, Transport Equation for the Joint Distribution Function of Velocity, Temperature and Concentration in Convective Turbulent Flow in Presence of Dust Particles, **Accepted for publication in the Journal RJASET, 2012**

(Dr. Md. Abul Kalam Azad)

Associate Professor,

Department of Applied Mathematics

University of Rajshahi

Rajshahi -6205, Bangladesh.

Email: azad267@gmail.com