

**Curriculum Vitae
Of
Mohammad Forkan**



MAILING ADDRESS

Mohammad Forkan

Assistant Professor

Department of Mathematics

University of Chittagong

Chittagong-4331, Bangladesh

Cell Phone: 0088 01819359511,

Land Phone: 0088 031 2606001-10, Exten.-4295(Work), 0088 031 2583051(Res.)

Email: forkan.math@cu.ac.bd, forkan.cu.bd@gmail.com

ACADEMIC DEGREES

- i. **Master of Philosophy:** University of Chittagong, Research Centre for Mathematical and Physical Sciences, Chittagong, Bangladesh, 2007-2010.
Thesis Title: “Studies on Gauge Theory with Dimensional and Operator Regularizations.”
- ii. **Master of Science** : University of Chittagong, Department of Mathematics, Chittagong, Bangladesh, 1999-2000.
Thesis Title: “Studies on Some Solutions of Einstein’s Equation.”
- iii. **Bachelor of Science** : University of Chittagong, Department of Mathematics, Chittagong, Bangladesh, 1996-1999.

ACADEMIC EXPERIENCE

- 2003-2005** : **Lecturer**, Department of CSE & BBA, Premier University, Chittagong City Corporation, Chittagong, Bangladesh.
- 2005-2008** : **Lecturer**, Department of Mathematics, University of Chittagong, Chittagong, Bangladesh.
- 2008–Present:** **Assistant Professor**, Department of Mathematics, University of Chittagong, Chittagong, Bangladesh.

FIELD OF INTEREST

- i. Quantum Field Theory
- ii. Theory of Relativity
- iii. Fluid Dynamics
- iv. Partial Differential Equation.
- v. Optimization

RESEARCH PUBLICATION

1. M. Forkan, M. Abul Mansur Chowdhury, *Operator Regularization in Evaluating Feynman Diagrams in QED in (3+1) Dimensional Space-Time*, IOSR Journal of Mathematics, Volume 3, Issue 4, PP 36-51, Sep.-Oct. 2012.
2. M. Forkan, M. A. M. Chowdhury, *A General Prescription for Change of Basis in Simplex Method*, The Chittagong Univ. J. Sci., 30(2): 9-23,

MEMBERSHIP

1. Mathematical Association of Bangladesh.
2. Astronomical Association of Bangladesh.

LECTURES IN CONFERENCE AND SEMINER:

1. 7th Chittagong Conference on Mathematical Physics. Title: "The Spherically and Axially Symmetric Solutions of Einstein's Equations."
2. 13th Chittagong Mathematical Conferences Title: "A General Prescription for Change of Basis in Simplex Method."
3. Seminar on Mathematical Physics in RCMPS, University of Chittagong. Title: "Operator Regularization in Evaluating Feynman Diagrams in QED in (3+1) Dimensional Space-Time."

CONFERENCES AND WORKSHOP EXPERIENCE

I have attended many conferences and workshops which are as follows:

1. Chittagong Conference on the History, Foundations and Philosophy of the sciences (23-24 September, 2003).
2. 7th Chittagong Conference on Mathematical Physics (7-9 January, 2004).
3. Workshop on Mathematics, Physics and Beyond (04-20 April, 2004).
4. 2nd Chittagong Conference on the History, Foundations and Philosophy of the sciences (12-13 September, 2005).
5. 8th Chittagong Conference on Mathematical Physics (14-16 March, 2006).

6. 9th Chittagong Conference on Mathematical Physics (14-18 March, 2007).
7. 10th Chittagong Conference on Mathematical Physics (15-17 April, 2008).
8. 11th Chittagong Conference on Mathematical Physics (14-16 March, 2009).
9. 15th Chittagong Conference on the History, Foundations and Philosophy of the sciences (18-19 March, 2009).
10. 16th Chittagong Conference on Mathematical Economics & its Relevance for Development (20-21 March, 2009).