



CURRICULUM VITAE

.....
NAME: Dr. MD. ASIF IKBAL

Assistant Professor,

Dept. of Mathematics

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Joining: 06th Feb., 2015

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COMMUNICATION ADDRESS: 72, Bansdroni Park
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PERSONAL DATA:	FATHER'S NAME: Md. Golam Moinuddin
	DATE OF BIRTH: April 07, 1976.
	NATIONALITY: Indian.
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EDUCATIONAL BACKGROUND:

B.Sc. (Mathematics): University of Calcutta, Year-1993-1996

M.Sc. (Applied Mathematics): Visva Bharati, Year-1996-1998

Ph.D. (Mathematics): Visva Bharati, Year-2011

M.Ed.- IGNOU, Year-2014

AWARDS AND FELLOWSHIP:

State Level Eligibility Test (SLET) – 2004 (Mathematical Science), Accredited by University Grant Commission for Lectureship and State- funded Research Scholarship.

RESEARCH DETAILS:

➤ TITLE OF THE THESIS:

“SOME MODEL STUDIES ON NON-NEWTONIAN BIOFLUID FLOW THROUGH BLOODVESSELS”

• PUBLICATIONS:

➤ Research Papers:

- **Md. Asif Ikbal, Sarifuddin and P.K. Mandal**, Mathematical Studies of non-Newtonian Blood Flow through a Patient Specific Atherosclerotic artery, ***Journal of Applied non-linear Dynamics*** (L & H Scientific Publishing), Vol. 12, No.3, pp-441-451, 2023
- **Md. Asif Ikbal**, Viscoelastic Blood Flow Through Stenosed Artery in Presence of Magnetic Field, ***International Journal of Biomedical Engineering and Technology*** (Inder Science), Vol. 30, No.1, pp-1-15, 2019
- **Md. Asif Ikbal**, Viscoelastic blood flow through arterial stenosis-Effect of viscosity International ***Journal of Non-Linear Mechanics, (Elsevier), Vol 47 888-894, 2012.***
- **Md. A. Ikbal, S. Chakravarty, Sarifuddin and P.K. Mandal**, Unsteady analysis of viscoelastic blood flow through arterial stenosis, ***Chemical Engineering and Communication, (Taylor & Francis), Vol. 199, 40-62, 2012.***
- **Md. A. Ikbal, S. Chakravarty, Sarifuddin and P.K. Mandal**, Numerical simulation of mass transfer to micropolar fluid flow past a stenosed artery. ***International Journal for Numerical Methods in Fluids, (John. Welley & Sons.)Vol. 67, 1655-1676, 2011.***
- **Md. A. Ikbal, S. Chakravarty and P.K. Mandal**, Two-layered micropolar fluid flow through stenosed artery: Effect of peripheral layer thickness ***Computers and Mathematics with Applications, (Elsevier), Vol. 58, 1328-1339, 2009.***
- **Md. A. Ikbal, S. Chakravarty, Kelvin K..L. Wong, J. Mazumdar and P.K. Mandal**, Unsteady response of non-Newtonian blood flow through a stenosed artery in magnetic field, ***Journal of Computational and Applied Mathematics, (Elsevier) Vol. 230, 243-259, 2009.***
- **Md. A. Ikbal, S. Chakravarty and P.K. Mandal**, An unsteady peristaltic transport phenomenon of non-Newtonian fluid – A generalised approach, ***Applied Mathematics and Computation, (Elsvier), Vol. 201, 16-34, 2008.***

➤ Book Chapters:

- Education in Transition, Mirroring 21st Century, **Chapter-6, “E-Content Development for Teaching and Learning Higher Mathematics”**, Crescent Publishing Corporation, ISBN: 978-93-91771-51-5, Page No.- 64-76, 2022

- Calculus and its Application in Economics and Business, **Chapter 3, “Limit and Continuity”**, Pub.: Netaji Nagar Day College, Kolkata-92, W.B., ISBN: 978-81-956899-0-3, Page No.- 65-85, 2022.

- **Paper Presentation:**

- International Seminar on Classical to Quantum Computing, 15/02/2020 to 16/02/2020, Dept. of Physics, B.Voc., Computer Science & Mathematics. Egra SSB College, Purba Mednipur
- International Conference on Mathematical Science and Application, 26/02/2020 to 28/02/2020, Department of Mathematics, University of Kalyani, W.B.
- International Conference on Revisiting Ancient Mathematical Sciences, Feb. 18 -20, 2015, Dept. of Mathematics, , UGC Special Assistance Programme (DSA-I), The University of Burdwan
- National Seminar on Advances in Mathematical Sciences, Dec. 21-22, 2015, ASSAM Academy of Mathematics & Dept. of Mathematics, Gauhati University

- **Training Course:**

- Online Refresher Course in “Moocs and E-Content Development”, 17th Nov. to 30th Nov., 2020, UGC, HRDC, Pondicherry University, Pondicherry
- Refresher Course, 24.7.2018-13.8.2018, UGC, HRDC, The University of Burdwan, Burdwan, W.B
- 64th ORIENTATION PROGRAMME, 06-02-2017 to 04-03-2017, UGC, HRDC at Jadavpur University
- TIMC-BU Regional UG-Teacher Enrichment Programme on Curves and Surfaces, 13-01-2016 to 19-01-2016, Dept. of Mathematics, The University of Burdwan