

DEPARTMENT MATHEMATICS

PROFILE OF TEACHING STAFF AS ON 30-06-2025

Dr. A. Adhikari

- Total Teaching Experience in College: 23 Years 03 months
- Special Paper M.Sc.: Plasma Dynamics / Magneto-Fluid Mechanics

- (a) **Full Name:** DR. ANIMESH ADHIKARI.
- (b) **Present Designation:** Associate Professor in Mathematics
- (c) **Areas of Specialization:** Magneto-Fluid Mechanics
- (d) **E-mail ID:** aamathsdbic@gmail.com
- (e) **WhatsApp Number:** 9874208634

(f) **Academic Qualifications (From UG Onwards):**

Sl. No.	University/College/Institution from which the Degree was obtained	Name of the Degree e.g., M.A.	Year of Obtaining Degree
1.	Uluberia College	B.Sc.(Hons)	1994
2.	University of Calcutta	M.Sc.(Appl. Math.)	1996
3.	University of Calcutta	M.Phil.	1998
4.	University of Kalyani	Ph.D.	2007

(g) **Teaching Experiences:**

Sl. No.	Name of the University/College/Institution	Period (i.e., From.....to
1.	Shyampur Siddheswari Mahavidyalaya	03/05/2002 to 10/02/2015
2.	Shibpur Dinobundhoo Institution (College)	11/02/2015 to till now

(h) **RC/OP/FIP/STC Attended:**

Sl. No.	Academic Session	RC/OP/FIP/STC etc.	University/Institution	Period (i.e., From.....to	Online/Offline
1.	2015-16	RC	Jadavpur University	16/06/2015 to 06/07/2015	Offline
2.	2012-13	RC	Jadavpur University	18/06/2012 to 07/07/2012	Offline
3.	2011-12	RC	Jadavpur University	14/11/2011 to 03/12/2011	Offline
4.	2010-11	RC	Jadavpur University	25/10/2010 to 15/11/2010	Offline
5.	2006-07	OP	University of Calcutta	17/07/2006 to 12/08/2006	Offline
6.	2004-05	RC	University of Calcutta	01/12/2004 to 21/12/2004	Offline

(i) **Projects (Completed):**

Sl. No.	Academic Session	Funding Agency (e.g., UGC-MRP, ICSSR, WBBB etc.)	Project Title	Grant Received (Rs.)	Date of Completion	UC Submitted on
1	2006-07	UGC	Some Aspects of Magnetofluid Mechanics	1,00,000/-	10/08/2007	10/08/2007
2	2012-14	UGC	A Study on Magnetohydrodynamic with Applications in Blood Flows	1,93,500/-	26/02/2014	26/02/2014

NUMBER OF PUBLICATIONS & CONFERENCE/ SEMINARS

Sl. No.	Academic Session	Published Papers in National Journals (Number)	Published Papers in International Journals (Number)	Book published as Author (Number)	Book published as Editor (Number)	Articles/Chapters Published in Books (Number)	Conference/Seminar Volumes (Number)	Papers accepted/ Presented in Conferences, Seminars, Workshops, Symposia (Number)	Invited Lectures and Chairmanships at National or International Conference/Seminar (Number)	News Paper Publications (Number)	Books Reviewed (Number)

DETAILED LIST OF PUBLICATIONS

(a) **JOURNALS (National)**

Sl. No.	Title with Page No.	Journal	ISSN No.	Whether peer-reviewed.	Impact factor, if any.	No. of Co-Authors	Whether you are the sole author
1	Effects of Radiative Heat Transfer on MHD Flow in Vertical Porous slip Boundary	Journal of the Indian Academy of Mathematics, Vol.35, No.1, 2013	ISSN: 0970-5120	Yes		NA	Yes
2	Steady MHD flow of a Micropolar Fluid on a Vertical Plate with Surface Heat Flux, pp79-94	Review Bulletin of the Calcutta Mathematical Society, Vol. 21, No. 1, 2013,	ISSN:0008-0659	yes		NA	Yes
3	Heat and Mass Transfer Effects of Steady MHD Flow Past a Vertical Surface with Slip Velocity through Porous Medium, Pp 39-52	Indian Journal of Theoretical Physics, Vol. 61, No. 1, 2013,	ISSN: 0019-5693	yes		NA	Yes

4	Unsteady Free Convection MHD Flow between Two Heated Vertical Parallel Conducting Plates, pp219-235	Indian Journal of Theoretical Physics, Vol. 54, No.3, 2006,	ISSN: 0019-5693	yes		01	NA
5	Effect of Radiation on MHD Vertical Channel Flow, pp487-496	Bull. of Calcutta Mathematical Society, Vol. 98, No. 5, 2006	ISSN:0008-0659	Yes		01	NA
6	Two-dimensional Laminar MHD Boundary Layer Flow Past a Wedge with Slip Velocity, pp361-372	Journal of the Indian Academy of Mathematics Vol. 28, No. 2, 2006	ISSN:0970-5120	Yes		01	NA

(b) **JOURNALS (International)**

Sl. No.	Title with Page No.	Journal	ISSN No.	Whether peer-reviewed.	Impact factor, if any.	No. of Co-Authors	Whether you are the sole author
1	Heat Transfer on MHD Viscous Flow over a Stretching Sheet with Prescribed Heat Flux pp35-47,	Bull. of International Mathematical Virtual Institute, Vol. 3 , 2013,	ISSN: 1840-4367	Yes			

(c) **BOOKS/BOOK CHAPTER**

● **Books Published as Author**

Sl. No.	Title	Type of Book and Authorship	Publisher and ISBN No.	Whether Peer Reviewed	No. of co-authors	Whether you are the Sole author
1	Some aspects of Magnetofluid Mechanics: Theoretical Modelling of Incompressible, Electrically Conducting Viscous or Elastico-viscous Fluids	Research Level,	Scholar's Press, Germany ISBN: 978-3-639-51339-4	Yes	01	NA

● **Conference/ Seminar Volumes**

Sl. No.	Title with Page No.	Details of Conference Publication	ISSN/ ISBN	No. of co-authors	Whether you are The Sole author
1	Effect of Heat Transfer on a Steady MHD Flow over a Stretching Sheet: Pages: 97-103	Mathematics and Computing - Current Research and Developments, Editors: Sk. M.A. Nayeem, J. Mukhopadhyay, S.B. Rao, Publisher: Narosa, Year: 2013,	ISBN: 978-81-8487-321-4	NA	Yes
2	Effect of Heat Transfer of Unsteady MHD Flow through a Porous Medium: pages 96-104	Proceedings of UGC National Seminar on 'Recent trends in Fuzzy set theory,.....' : 23-24 September 2011, Uluberia College, Howrah	ISBN: 978-81-922305-5-9	1	No

● **Papers accepted/Presented in Conferences, Seminars, Workshops, Symposia**

Sl. No.	Title of the Paper Presented	Title of Conference / Seminar	Organized by	Whether International /National/State/Regional/ College or University Level
1	MHD micropolar fluid flow towards a stagnation point on a vertical surface with induced magnetic field and radiative heat flux	Recent trends in Mathematics and its Applications (ICRTMA 2013)	Department Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University,	International Conference: 20-21 March 2013
2	Radiation effects on a MHD micropolar fluid with suction towards a vertical stretching / shrinking sheet,	Advances in Mathematics & Applications (AMA 2013),	Department Mathematics, Burdwan University,	National Seminar: 06-07 March, 2013
3	Stagnation point flow of a MHD micropolar fluid with suction towards a vertical stretching / shrinking plate by surface heat flux,	Emerging trends in Physics of Fluids & Solids	Department of Mathematics, Jadavpur University	National Conference: 27-28 February, 2013.
4	Steady MHD flow of a micropolar fluid on vertical plate with surface heat flux,	Frontiers on Mathematical Sciences with Applications (ICFMSA 2012),	Calcutta Mathematical Society, W.B,	International conference : 07-09 December, 2012
5	Heat transfer effect on a MHD viscous flow over a stretching sheet with prescribed surface heat flux,	Current Research and Developments in Mathematics and Computing (CRDMC 2012),	Department Mathematics, Aliah University, Salt Lake, W.B,	National Seminar: 03-04 October 2012
6	Uniform Mass and Heat Transfer of Steady MHD Flow through Porous Medium Under Vertical Slip Boundaries,	Recent Trends in Real World Problems on Applied Mathematics,	Narsinha Dutt College and in collaboration with ISI -Kolkata,	UGC National Seminar, 21st-22nd Dec.2011
7	Unsteady MHD Oscillatory Flow Through Porous Medium Bounded by Vertical Porous Plate with Slip Boundaries,	Recent Advances in Mathematical Sciences & Applications (ICRAMSA 2011),	Calcutta Mathematical Society, Salt Lake.	International Conference, 9th - 11th Dec. 2011

8	Effects of Heat Transfer of Unsteady MHD Flow Through a Porous Medium,	Recent Trend in Fuzzy Set Theory, Rough Set theory & Soft Set theory,	Dept. of Maths., Uluberia College	UGC National Seminar, 23rd & 24th Sept. 2011
9	Effects of Convection on MHD Coupled Flow Bounded by a Highly Porous Bed and Imperfectly Conducting Walls,	Recent Advances in Mathematics and Applications (ICRAMA-2010)	Dept. of Maths., Burdwan University,	International Conference, 13th - 15th Jan. 2010
10	Laminar Magnetohydrodynamic Slip Flow past a Circular Cylinder,	Mathematical Sciences and Applications: State of the Art (NCMSA 2010)	Dept. of Maths., & Centre for Math. Biology and Ecology, Jadavpur University	National Conference, 14th -16th January 2010

ASSOCIATION WITH UNIVERSITIES/ COMMISSION/ BOARD/ INSTITUTIONS FOR CONFIDENTIAL ASSIGNMENTS

Sl. No.	Name of Universities/ Commission/ Board/ Institutions etc.
1.	University of Calcutta

MEMBERSHIP OF ACADEMIC/PROFESSIONAL BODIES/SOCIETIES

Sl. No.	Name of the Society/Association/Professional Bodies etc.
1	Life Member, Indian Statistical Institute, Kolkata
2	Life Member, Calcutta Mathematical Society,
3	Life Member, Indian Academy of Mathematics, Indore
4	Life Member, Institute of Theoretical Physics, Kolkata
5	Life Member, Bangiya Bijnan Parisad, Kolkata
6	Life Member, Ramkrishna Mission Institute of Culture, Golpark, Kolkata.