



Dr. Biswajit Pal

48 YEARS, MALE, INDIAN, MARRIED

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Date and Place of Birth: December 03, 1970 at Arambagh, Hooghly, West Bengal, India

Academic Profile:

Sl. No.	College/University/Institution/Board	Degree Awarded	Year of Passing	Studied/Area
1	Scottish Church Collegiate School, Calcutta (WBCHSE)	H.S.(10+2)	1987	Mathematics, Physics, Chemistry, Biology
2	Ramkrishna Mission Residential College, Narendrapur (CU)	B.Sc. (Honours)	1991	Mathematics (Honours), Statistics, Physics
3	IIT, Kharagpur	M. Sc.	1993	Mathematics
4	IIT, Kharagpur	Ph. D.	1999	Mathematics

Position and Employment:

Sl.No.	Institution/Place	Under the Affiliation of	Position	From	To
1	Ramsaday College, Amta, Howrah	The University of Calcutta	Associate Professor	May 11, 2010	Continuing
2	Netaji Mahavidyalaya, Arambagh, Hooghly	The Burdwan University	Associate Professor	July 01, 2009	May 10, 2010

3	Netaji Mahavidyalaya	The Burdwan University	Reader	July 01, 2006	June 30, 2009
4	Netaji Mahavidyalaya	The Burdwan University	Lecturer (Senior Scale)	July 01, 2001	June 30, 2006
5	Netaji Mahavidyalaya, Arambagh, Hooghly	The Burdwan University	Lecturer	July 01, 1997	June 30, 2001
6	IIT, Kharagpur		SRF	August 04, 1995	June 30, 1997
7	IIT, Kharagpur		JRF	August 04, 1993	August 03, 1995

Present Designation: Associate Professor in Mathematics

PG Teaching Experience: 04 years (distance education under Vidyasagar University): 2010-2014 (M. Sc. in Mathematics and M. Com in Commerce)

M. Tech. Courses Completed at the Department of Mathematics, IIT, Kharagpur (duration: 6 months):

1. Algorithm & Data Structure,
2. Programming Languages and
3. Numerical Analysis

Title of the Ph. D. Thesis: “Some Flow Problems in Newtonian and non-Newtonian Fluids Having Physiological Applications”
(under the supervision of Professor J C Misra, and Professor A S Gupta)

List of Research Paper Publications:

Seven research papers were published in reputed National and International journals (list attached separately)

Other Publications:	Six text books were published as per latest CBCS pattern UGC recommended syllabi
UGC Approved Project (MRP):	Reference: F. PSW-116/15-16(ERO), dated 16 NOV 2016 Granted Amount: Rs. 2,70,000/-. Tenure: Two years. Successfully completed and submitted final report on March 20, 2019
List of Awards:	1. NET (CSIR individual) in June 1993, 2. GATE (95.12 percentile) in 1993 and 3. MCM Scholarship by IIT, Kharagpur (during 1991-93)
University Assignments:	Acted as 1. Head Examiner of B. Sc. Part I (General) Examination, 2014, C.U. and 2. Examiner and Scrutineer of Paper VIII and Paper IX (Honours) under the Burdwan University during 2007-2010 3. Examiner and Scrutineer of three Honours Papers in each year under the University of Calcutta w.e.f. 2017
Other Academic Activities:	Acted as 1. Paper Setter of all India level ACET Examination since 2017 2. External Question Paper Setter-cum-Moderator of Mathematics (General) of Ramkrishna Mission Vidyamandira, Belur Math, Howrah since 2013
Seminars/Conference Attended:	Participated in more than 25 subject based UGC sponsored National Level seminars/conferences
Administrative Activities:	Held the post of

1. **Secretary, Teachers' Council in 2004-05 session at Netaji Mahavidyalaya, Arambagh, Hooghly**
2. **Member, Governing Body, Tarakeswar Degree College, Hooghly during 2009-2014**
3. **Member, Governing Body, Ramsaday College, Amta, Howrah during 2016-2018**

List of Seminars/Workshops/Symposiums Organised:

1. **State Level Seminar** on “Some Basic Aspects in UG Level Mathematics”. Sponsored by Directorate of Higher Education (Social Education Branch, Govt. of West Bengal) at Ramsaday College, Amta, Howrah on **January 19, 2012**.
2. **State Level Workshop and Symposium** on “Discovering the Beauty in Mathematics”, under the theme “Mathematics for All”. In Celebration of National mathematics day, 2018. Sponsored by WBSCST and Supported by NCSTC, DST, GoI, at Ramsaday College, Amta, Howrah on **March 06, 2019**.

List of Publications of Dr. Pal

1. **B Pal, J C Misra and A S Gupta: “Steady Hydromagnetic Flow in a Slowly Varying Channel”--- *Proceedings of the National Academy of Sciences, India (ISSN: 0369-8203)* , Vol. 66(A), III, pp. 247-262 (1996).**
2. **J C Misra, B Pal and A S Gupta: “Hydromagnetic Flow of a Second Grade Fluid in a Channel-----Some Applications to Physiological System”--- *Mathematical Model and Methods in Applied Sciences (ISSN: 0218-2025)* (Italy), World Scientific, Vol. 8, No. 8, pp. 1323-1342 (1998).**
3. **B Pal, J C Misra and A S Gupta: “Study of Problem of MHD Flow of a Viscoelastic Fluid having Applications in Hemodynamics”--- *Proceedings of International Conference on Theoretical, Applied, Computational and Experimental Mechanics (ICTACEM)*, held in Aerospace Engineering Department, IIT, Kharagpur, during December 1-5, 1998.**
4. **J C Misra and B Pal: “A Mathematical Model for the Study of the Pulsatile Flow of Blood under an Externally Imposed Body Acceleration”---**

Mathematical and Computer Modelling (**ISSN: 0895-7177**), Elsevier, Vol. 29, No. 1, pp. 89-106 (1999).

5. **B Pal, J C Misra, A Pal and A S Gupta:** “Hydromagnetic Flow of a Viscoelastic Fluid in a Parallel Plate Channel with Stretching Walls”--- *Indian Journal of Mathematics* (**ISSN: 0019-5324**), Vol. 41, No. 2, pp. 231-247 (1999).
6. **J C Misra, B Pal, A Pal and A S Gupta:** “Oscillatory Entry Flow in a Plane Channel with Pulsating Walls”--- *International Journal of Non-linear Mechanics* (**ISSN: 0020-7462**), Elsevier, Vol. 36, pp. 731-741 (2001).
7. **B Pal, A Pal, A S Gupta and H S Takhar:** “Hall Effects on Magnetohydrodynamic Flow and Heat Transfer over a Stretching Surface”-- - *International Journal of Applied Mechanics and Engineering (Poland)*, Vol. 8, No. 2, pp. 219-232 (2003).
8. **B Pal:** “Study of Flow of an Electrically Conducting Fluid in a Non-uniform Vessel in the Presence of a Body Force --- Applications to Hemodynamics”, *Budhil*, (**ISSN: 2456-4109**), Vol. 3, No. 1, pp. 16-25 (2018).
9. **B Pal, S Raychaudhuri and S Jana:** **Fundamental Mathematics (Sem-I)**, Santra Publication (**ISBN: 978-83-86911-24-7**), (2018).
10. **B Pal, S Raychaudhuri and S Jana:** **Fundamental Differential Calculus**, Santra Publication (**ISBN: 978-93-86911-33-9**), (2018).
11. **B Pal, S Raychaudhuri and S Jana:** **Fundamental Mathematics (Sem-II)**, Santra Publication (**ISBN: 978-83-86911-44-5**), (2019).
12. **B Pal, S Raychaudhuri and S Jana:** **Fundamental Differential Equations**, Santra Publication (**ISBN: 978-93-86911-46-9**), (2019).
13. **B Pal, S Raychaudhuri and S Jana:** **Fundamental Mathematics (Sem-III)**, Santra Publication (**ISBN: 978-93-86911-60-5**), (2019).
14. **B Pal, S Raychaudhuri and S Jana:** **Fundamental Real Analysis**, Santra Publication (**ISBN: 978-93-86911-66-7**), (2019).