



1. **Name:** Debashis Biswas

2. **Designation and Official address including telephone and e-mail:-**

Assistant professor
Department of Mathematics, Calcutta Girls' College, Kolkata, 700013, West Bengal,
India, Email address: deba.biswas2010@gmail.com,
Phone No.: 9474790110, 6291768691

3. **Educational background:-**

B.Sc. Honours in Mathematics, University of Kalyani, India
M.Sc. in Applied Mathematics, University of Kalyani, India
Ph.D. in Science, Kalyani University, India
B.Ed. Netaji Subhas Open University, India
Qualified at Joint UGC-CSIR test for Lecturership

4. **Positions held (in chronological order)**

Assistant Teacher in West Sambhupur Netaji Vidyaniketan, Haradham,
Nadia from (23.03.2006 to 02.03.2015)
Assistant professor, Department of Mathematics, Calcutta Girls' College, Kolkata,
700013, West Bengal (3rd March 2015-till date).

5. **Research Experience: -**

Ph.D.: Research experience at Department of Mathematics, University of Kalyani, Kalyani, India
from 2012 to 2018.

Title of the Thesis: Population Dynamics of Horizontally and Vertically Transmitted
Diseases with Non-linear Incidence: Model Based Study.

Field of Special Interest: 1. Bio Mathematics. 2. Modeling in Epidemiology.

6. Member:

- i) Life member and member of the executive council of Calcutta Mathematical Society, Kolkata, India.
- ii) Member of Indian Statistical Institute, Kolkata, India.
- iii) Life member and member of the executive council of Bio-mathematical Society of India.

7. Participation/Invited Lectures in Schools/Workshops/Conferences/

1. District Institute of Education and Training Nadia from 11.11.2009 to 12.11.2009
2. District Institute of Education and Training (DIET), Nadia and District Project Officer, SSM, Nadia from 15.02.2010 to 19.02.2010.
3. Teacher Training from by SSM, Nadia for 2010-11 from 19.07.2010 to 22.07.10 and 27.07.10
4. District Institute of Education and Training (DIET), Nadia and District Project Officer, SSM, Nadia from 23.09.2010 to 25.09.2010
5. District Institute of Education and Training (DIET) , Nadia from 15.12.2010 to 16.12.2010
6. National Seminar on Analysis Modeling and Geometry (NSAMG 2011 10-11 March 2011)
7. Modern Trends of Mathematical Applications in Biology and others systems- September-7 , 2011
8. National Seminar on Analysis , Modeling and Geometric Topology (NSAMGT-2012, 21-22, March 2012)
9. National Seminar on Recent Trends in Mathematics (NSRTM-2013), March 8, 2013
10. Work-shop on B.ED ODL Programmers from 26.12.2013-02.01.2014
11. Work-shop on B.ED ODL Programmers from 12.10.2014-19.10.2014
12. National Seminar On Recent Developments in Mathematics and its Applications (NSRDMA-2016), 21-22, Jan.2016
13. National Level Seminar on Basic Mathematics and its Applications (September 21, - 2016)
14. Workshop on 'Use of ITC in Teaching-Learning & Administrative Practice', April 25, 2017.
15. National level workshop on 'GST & Students Employability' September 6, 2017.
16. International Conference on Understanding Sufism: Reflections from Manuscripts & Popular Culture November 21-23, 2017.
17. National Seminar on 'Contemporary Issues in Accounting and Finance', June 27, 2018.
18. National Seminar on 'Contemporary Issues in Accounting and Finance', January 29-30, 2019.
19. Teachers' Day Felicitation Programme, September 4, 2019.
20. National Seminar on 'Opportunities & Challenges: The Role of IQAC in Governance, Leadership and Management' September 19, 2019.

8. Paper presented: (Seminar/Conferences)

1. National seminar on Contemporary Research in Theoretical and Applicable Mathematics, September 8-9, 2017, Department of Mathematics, The Bhawanipur Education Society College, Kolkata.
2. International Conference on Information Technology And Applied Mathematics ICITAM 2017, October 30-November 01, 2017, SECSI, Haldia, Institute of Technology, Haldia-721657, India.
3. National Seminar on Mathematics and Applications (NSMA-2018), February 22-23, 2018, Department of Mathematics, University of Kalyani, Kalyani-741235.
4. National Seminar on Recent Advances in Mathematics and Its Applications (RAMA-2018), March 8, 2018, Department of Pure Mathematics University of Calcutta.
5. National Symposium on Recent Trends in Applied Mathematics 2018 (RTAM 18), 26-28 March, 2018, Department of Applied Mathematics University of Calcutta.
6. National seminar on Recent Advancement of Mathematics and its Applications (RAMA-2020), February 06-07, 2020, Department of Pure Mathematics University of Calcutta.
7. International Conference on Mathematical Sciences and Applications (ICMSA), February 26-28, 2020, Department of Mathematics, University of Kalyani, Kalyani-741235.

9. Details about publications:-

1. D. Biswas and S. Pal 'Stability Analysis of a delayed HIV/AIDS Epidemic Model with Saturated Incidence.', International Journal of Mathematics Trends and Technology (IJMTT), March 2017, ISSN: 2231-5373.
2. D. Biswas and S. Pal 'Stability Analysis of a Non-linear HIV/AIDS Epidemic Model With Vaccination And Antiretroviral Therapy', International Journal of Advances In Applied Mathematics And Mechanics (IJAAMM), 5(2), 2017, 41-50, ISSN: 2347-2529
3. D. Biswas, S. Pal and N. Das 'Study of a Non-linear HIV/AIDS epidemic model with effect of vaccination', Bull.Cal.Math.Soc. 110(2), 2018.

10. Attended O.P./R.C.:

1. Induction Program (OP), 01.05.2018 to 26.05.2018, IISER PUNE.
2. Refresher course, 07.12.2018 to 27.12.2018, North Bengal University.

