

1. **Full name of the faculty member:** Dr. Samir Dey
2. **Designation:** Associate Professor
3. **Specialisation:** Veterinary Microbiology
4. **Contact information:** Phone: ph: 9732760781 e-mail ID:samirddy@yahoo.co.in
5. **Academic qualifications:**

College/ university from which the degree was obtained	Abbreviation of the degree
WB University of Animal and Fishery Sciences, Kolkata	B.V.Sc. & A.H.
WB University of Animal and Fishery Sciences, Kolkata	M.V.Sc
ICAR-Indian Veterinary Research Institute, Deemed University, Izatnagar	Ph.D

6. **Positions held/ holding or Work Experience:** Ex- Head, Department of Veterinary Microbiology, WBUAFS(2022-24), Teaching and research for more than 14 years

Awards:

- Best Oral Paper Presentation Award- National Seminar and 5th Annual Convention of Society for Veterinary Sciences and Biotechnology (ISVIB) at Bhubaneswar, College of Vety. Science, OUAT, Odisha, 2017
- 2nd Best oral presentation award in 9th Annual Convension of Society of Veterinary Biochemists & Biotechnologists of India (SVBBI) and National Symposium in Kolkata, WBUAFS, 2025

7. **Other notable activities:** Acted as Co-PI/Co-Investigator : 2, Reviewer of National and International Journals

8. **Publication:**

- a. Journals (National & International): **with NAAS, IF rating**

Research articles: National- 31, International- 18

- b. Popular Articles: Two
- c. Books/ Books chapter: Book chapters (Two)
- d. Manuals: Two

Few selected articles:

1. S. Abhiram, T. Mondal, S. Samanta, K. Batabyal, S. N. Joardar, I. Samanta, D.P. Isore and **S. Dey** (2023). Occurrence of Canine parvovirus type 2c in diarrhoeic faeces of dogs in Kolkata, India. Virus Disease (34):339-344. <http://doi.org/10.1007/s13337-023-00817-y> .[NAAS score 5.80].
2. S Banerjee, K Batabyal, SN Joardar, DP Isore, **S Dey**, I Samanta, TK Samanta, S Murmu (2017). Detection and characterization of pathogenic *Pseudomonas aeruginosa* from bovine subclinical mastitis in West Bengal, India, Veterinary World, 10(7): 738-742. [NAAS score 5.71]
3. Zahid Hussain Hazarika, Sharmila Latchubhukta, Tousif Mondal, Siddhartha Narayan Joardar, **Samir Dey**, Indranil Samanta, Shyam Sunder Kesh, Kunal Batabyal(2025). The portrayal of extended-spectrum- β -lactamases positive *Klebsiella pneumoniae* from domestic animals in West Bengal, India, with the evaluation of therapeutic efficacy *in-vitro*. Explor Anim Med Res. Vol. 15, Issue 1, 2025, DOI: 10.52635/eamr/15.1.89-99, [NAAS Score 6.00]
4. Tousif Mondal, S. Samanta, S. Dey, I.Samanta, SN Joardar, S. Abhiram, A. Paul, R. Bardhan, S. Bhowmick, K Batabyal(2024). Detection of antimicrobial resistance in *Salmonella enterica* isolated from ducks and their environments in West Bengal, India. Explor Anim Med Res.; 14 (Superbug Spl.), DOI:10.52635/eamr/14(S2)96-104.[NAAS score 6.10].
5. **S. Dey**, V.P.Singh, A.A.Kumar, B.Sharma, S.K.Srivastava and Nem Singh (2007). Comparative sequence analysis of 16S rRNA gene of *Pasteurella multocida* serogroup B isolates from different animal species. Research in Veterinary Science, **83**:1-4. [NAAS score 7.5].
6. Sushmita Pal, **S. Dey**, K Batabyal, A Banerjee, SN Joardar, I Samanta, DP Isore (2017). Characterization of *Salmonella* Gallinarum isolates from backyard poultry by polymerase chain reaction detection of invasion (*invA*) and *Salmonella* plasmid virulence (*spvC*) genes, Veterinary World, 10(7): 814-817. [NAAS score 5.71]

7. L. Sharmila, Arijit Pal, Ripan Biswas, Kunal Batabyal, **Samir Dey**, Siddhartha Narayan Joardar, Tapan Kumar Dutta, Samiran Bandyopadhyay, Surajit Pal, Indranil Samanta (2024). In-silico insights of ESBL variants and tracking the probable sources of ESBL –producing *Escherichia coli* in small scale poultry farm. Microbial Pathogenesis, <https://doi.org/10.1016/j.micpath.2024.106710>. [NAAS score 9.80]
8. Tousif Mondal, **Samir Dey**, Devi Prasad Isore, Soumen Samanta, Abhiroop Banerjee, Abhishek D. Singh, Latchubhukta Sharmila, Zahid Hussain Hajarika, Kunal Batabyal (2023). Detection of drug-resistant extended-spectrum and *ampC* β -lactamases producing *Escherichia coli* from poultry faecal samples in West Bengal, India. Explor Anim Med Res, 13(1): 31-38, [NAAS score 6.10]
9. Abhiroop Banerjee, Surajit Pal, Purba Goswami , Kunal Batabyal, Siddhartha Narayan Joardar, **Samir Dey**, Devi Prasad Isore, Tapan Kumar Dutta, Samiran Bandyopadhyay, Indranil Samanta (2022). Docking analysis of circulating CTX-M variants in multi-drug resistant, beta-lactamase and biofilm-producing *E. coli* isolated from pet animals and backyard livestock. Microbial Pathogenesis 170 (2022), 105700. [NAAS score 9.85].
10. Tousif Mondal, Kunal Batabyal, **Samir Dey**, Siddhartha Narayan Joardar, Indranil Samanta, Devi Prasad Isore, Soumen Samanta, Aditya Paul (2022). Detection and characterization of β -lactamases and biofilm producing *Escherichia coli* and *Klebsiella pneumoniae* from ducks and duck environments in West Bengal. Indian Journal of Animal Research, DOI: 10.18805/IJAR.B-4915. [NAAS score 6.50].
11. Amla, **S. Dey**, K. Batabyal, S. N. Joardar, I. Samanta and D. P. Isore (2022). Extended spectrum and AmpC-Beta-lactamase producing *Escherichia coli* in zoo birds and mammals. Indian J Anim Health, 61(1):162-68 [NAAS score 5.01]
12. A. Banerjee, K. Batabyal, A.D. Singh, S.N. Joardar, **S. Dey**, D.P. Isore, T.K. Sar, T.K. Dutta S. Bandyopadhyay and I. Samanta (2020). Multi-drug resistant, biofilm-producing high-risk clonal lineage of *Klebsiella* in companion and household animals. Letters in Applied Microbiology, [NAAS score 7.47] doi:10.1111/lam.13381.
13. Abhiroop Banerjee, Kunal Batabyal, C. Debnath, Siddhartha Narayan Joardar, Devi Prasad Isore, **Samir Dey**, S. Taraphder, Abhishek Dharm Singh, S. Pal, and Indranil Samanta (2020). Antifungal resistance in *cnl1* possessing *Cryptococcus neoformans* isolated from domestic and feral pigeons in West Bengal, India. Indian Journal of Animal Research, 54(2):228-33 DOI: 10.18805/ijar.B-978. [NAAS score 6.15]
14. Aparna Banerjee, R. Bardhan, M. Chowdhury, S.N. Joardar, D.P. Isore, K. Batabyal, **S. Dey**, T.K. Sar, S. Bandyopadhyay, T.K. Dutta and I. Samanta (2019). Characterization of beta-lactamase and biofilm producing *Enterobacteriaceae* isolated from organized and backyard farm ducks. Letters in Applied Microbiology, 69, 110-115 [NAAS score 7.47]
15. Susmita Pal, **Samir Dey**, Kunal Batabyal, Abhiroop Banerjee, Siddhartha Narayan Joardar , Indranil Samanta and Devi Prasad Isore (2020). Prevalence and Characterization of Extended Spectrum Beta Lactamase Producing *Escherichia coli* from Broilers. Int.J.Curr.Microbiol.App.Sci 9(3): 594-602 [NAAS score 5.38].
16. Susmita Pal, **Samir Dey**, Kunal Batabyal, Abhiroop Banerjee, Siddhartha Narayan Joardar and Devi Prasad Isore (2019). Evaluation of a Multiplex PCR Assay for Rapid Diagnosis of Fowl Typhoid. Int. J. Curr. Microbiol. App. Sci, 8(6): 2054-2058. [NAAS score 5.38].
17. S. Banerjee, K. Batabyal, S.N. Joardar, D.P. Isore, **S. Dey**, I. Samanta and T.K. Samanta (2018). Mice pathology study of *tox A* and *exo S* genes bearing *Pseudomonas aeruginosa* isolated from bovine Sub-clinical mastitis in West Bengal with their Antibigram. Indian J. Anim. Res. 52(8):1212-17. [NAAS score 6.15]
18. Cellina Gurung, **S. Dey**, K. Batabyal, S. Bandopadhyay, S. N. Joardar, I. Samanta and D.P. Isore (2017). Detection of methicillin-resistant and sensitive *Staphylococcus aureus* from domestic animals of West Bengal, India. Indian J. Comp. Microbiol. Immunol. Infect. Dis. 38 (2):130-135. [NAAS score 4.49]
19. **S. Dey**, A. Mahanti, K. Batabyal, S.N. Joardar, I. Samanta, D.P. Isore, M.C. Pakhira (2016). Identification and antimicrobial susceptibility of *Salmonella* Gallinarum isolated from fowl Typhoid outbreak in backyard *vanaraja* fowl. Explor Anim Med Res, 6(1): 63-67. [NAAS score 6.00]
20. A. Banik, D.P. Isore, S.N. Joardar, K. Batabyal and **S. Dey** (2016). Characterization and Antibigram of enteropathogenic *Escherichia coli* isolated from diarrhoeic and non-diarrhoeic dogs in South Bengal. Indian Journal of Animal Research, 50(5):773-75. [NAAS 6.15].
21. **S. Dey**, D.P. Isore, S.N. Joardar, U. Biswas, A. Mahanti, S. Pandit, R.N. Hansda, K. Batabyal and I. Samanta (2014). Isolation, molecular identification and antibiogram of *Pasteurella multocida* in Haemorrhagic Septicaemia outbreak of buffaloes in West Bengal. Indian J. Comp. Microbiol. Immunol. Infect. Dis. , 35(2): 92-94. [NAAS score 4.49]

22. **S. Dey** and V.P.Singh (2008). Outer membrane protein profiles of Indian isolates of *Pasteurella multocida* serotype B:2. Indian Journal of Animal Sciences, **78(11)**: 1183-1185 [NAAS score 6.3]
23. Tousif Mondal, S Samanta, K Batabyal, SN Joardar, I Samanta, TK Dutta, S Chaudhury, R Barua, **S.Dey** (2025). Molecular detection of *Listeria monocytogenes* and *L. innocua* isolates in fish skin swabs from retail fish markets in West Bengal, India. Explor Anim Med Res 15(2): DOI: 10.52635/eamr/15.2.271-277. [NAAS Score 6.00].
24. Amla, **S.Dey**, K.Batabyal, S.N.Joardar, I. Samanta and D.P. Isore (2022). Prevalence of shigatoxigenic, enteropathogenic and antimicrobial drug resistant *Escherichia coli* from captive wild animals of Alipore Zoo, Kolkata, India. Indian Journal of Animal Research. 9(7): 1211-1215.DOI: 10.18805/IJAR.B-4839. [NAAS score 6.50].
25. **S. Dey**, V.P.Singh, A.A.Kumar, S.K.Srivastava and N. Singh (2007). Molecular identification of Indian isolates of *Pasteurella multocida* serotype B:2 by different PCR assays. Indian Journal of Animal Sciences: **77**: 317-319.[NAAS score 6.3]