

1. **Full name of the faculty member:** DR. STEPHEN SOREN
2. **Designation** : Assistant Professor (stage-2)
3. **Specialisation** : Animal Nutrition
4. **Contact information** : Phone: 9432892932 e-mail ID: drsoren1507@gmail.com
5. **Academic qualifications:**

College/ university from which the degree was obtained	Abbreviation of the degree
West Bengal University of Animal and Fishery Sciences	BVSc & AH in 2005
West Bengal University of Animal and Fishery Sciences	MVSc in 2007
West Bengal University of Animal and Fishery Sciences	PhD in 2024

6. **Positions held/ holding or Work Experience:** Assistant Professor

7. **Awards:**

- a) ANSI best paper award-2025, Animal Nutrition Society of India
- b) Best PhD thesis award, GRIAST-2025 held at Indra Gandhi Krishi Viswavidyalaya, Raipur

8. **Publication:**

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

National Journal

1. **Soren S**, Samanta G and Halder G. (2009) Variable sources of dietary fat on the performance of Khaki Campbell ducks. *Indian Journal of poultry Science*. 44(2): 219-222. (NAAS-5.3)
2. **Soren S**, Samanta G, Halder G. and Mondal L. (2009) Effect of organic zinc and selenium on the performance of the Khaki Campbell ducks. *Indian Journal of poultry Science*. 44(2): 199-201. (NAAS-5.3)
3. Saravanan E, **Soren S** and Samanta G (2010). Replacement of fishmeal with yeast nucleotide on the performance in ducklings. *Indian Journal of poultry Science*. 45(1): 74-76. (NAAS-5.3)
4. Roy P S, Roy A, Pathak P K, Mandal N, **Soren S** and Kumar S (2018). Effect of Azolla supplementation on milk yield and economics under farmers' field. *Journal of Crop and Weed*, 14(2): 77-80. (NAAS-5.27)
5. **Soren S**, Roy B, Biswas P, Gore J A, and Das A K. (2019). Impact of nutrisigma® on performance of young garole lambs. *Indian Journal of Animal Health*, 58(2): 227-232. (NAAS-5.01)
6. **Soren S**, Roy B, Gore J A, Pakhira M C and Ray P R. (2019). Influence of nutrisigma® on lactational performance of sahiwal cows in declining milk production stage. *Indian Journal of Animal Health*, 58(1): 101-110. (NAAS-5.01)
7. Biswas P, **Soren S**, Roy B, Das A K and Gore J A. (2020). Effects of Rice Distillers Dried Grains with Soluble on Laying Performance of Khaki Campbell Duck. *Agricultural Science Digest*. 40(4): 396-399. (NAAS-5.52)
8. Parveen S, Mandal G P, Samanta I, Patra A K, **Soren S** and Roy B. (2020). Effect of essential oil blend on intestinal morphology, gut microbiota and immune response of broiler chickens. *Indian journal of Animal Health*, 59(2): 228-236. (NAAS-5.01)
9. **Soren S**, Mandal G P, Roy B, Samanta I and Hansda R N (2023): Assessment of *Bacillus subtilis* based probiotics on health and productive performance of poultry: A review. *Indian Journal of Animal Health*, 62(2)- Special Issue. DOI: <https://doi.org/10.36062/ijah.2023.spl.00923> (NAAS-5.01)
10. **Soren S**, Mandal G P, Roy B, Samanta I and Hansda R N (2023): Fructooligosaccharide as a prebiotic: A substitute for antibiotic growth promoters in poultry production. *International Journal of Veterinary Sciences and Animal Husbandry*, 8(5): 95-102. (NAAS- 4.61)
11. **Soren S**, Mandal G P, Samanta I and Hansda R N (2023): *Saccharomyces cerevisiae* based postbiotics: Assessment of their effects on the health and productive performance of poultry. *The Pharma Innovation Journal*, 12(8): 572-575. (NAAS- 5.23)
12. **Soren S**, Mandal G P, Samanta I and Hansda R N (2023): Assessing the impact of synbiotics on the health and productive performance of poultry. *International Journal of Development Research*, 13(08): 63535-63541.
13. Singh B, Hansda R N, Mondal S, Pradhan S, Mukhopadhyay S K, Hoque R, **Soren S**, and Baidya, S. (2023). Histocompatibility influence, vulnerability and immunity to RSV infection of layer (CARI-Priya) chicken. *The Pharma Innovation*. 12(7): 1129-1137.
14. Singh B, Hansda R N, Mondal S, Pradhan S, Mukhopadhyay S K, Hoque R, **Soren S**, and Baidya, S. (2023). Prevalence of poultry coccidiosis in West Medinipur district of West Bengal State. *The Pharma Innovation*. 12(7): 34-38. (NAAS- 5.23)

15. Singh B, Hansda R N, Mondal S, Pradhan S, Mukhopadhyay S K, Hoque R, **Soren S**, Ray T and Baidya, S. (2023). Histopathomorphological alterations in natural infestation of intestinal coccidiosis in backyard chicken. *International Journal of Veterinary Sciences and animal Husbandry*, 8(4): 437-442. (NAAS-4.61)
16. Singh B, Hansda R N, Mondal S, Pradhan S, Mukhopadhyay S K, Hoque R, **Soren S**, Ray, T and Baidya, S. (2024). Sub cellular alterations in natural infestation of intestinal coccidiosis in backyard chicken. *International Journal of Veterinary Sciences and animal Husbandry*, 9(1): 1161-1165. (NAAS-4.61)
17. Ghosh R, Mandal GP, Mandal S, Samanta I, Bhattacharyya D, Monda T and **Soren S**. (2024). Isolation of *Lactobacillus* sp. from Indigenous poultry (*Gallus gallus*) and their antagonistic activity against bacterial pathogens. *Indian Journal of Animal Health*. DOI: <https://doi.org/10.36062/ijah.2024.16923> (NAAS-5.01)
18. Hazra P, Kumar P, **Soren S**, Samanta I and Mandal GP. (2025). Performance of Broiler Chicken Supplemented with Zinc oxide Nano Particles. *Indian Journal of Animal Nutrition*, 42(2): 119-127. (NAAS-5.19)
19. Samanta S, Roy B, Samanta I, Pradhan S and **Soren S**. (2025). Efficacy of *Bacillus xiamenensis* probiotic supplementation on growth performance and gut health of commercial broiler chickens. *International Journal of Veterinary Sciences and Animal Husbandry*, 10(5): 1-6. (NAAS-4.61)
20. Seikh A, Mandal GP, Mandal S, Mandal S, Samanta I, and **Soren S**. (2025). Influence of Probiotics Derived from *Lactobacillus* DH42 as an Alternative to Antibiotics on the Growth Performance, Gut Health, and Immune Response in Broiler Chickens. *Indian Journal of Veterinary Science and Biotechnology*, 21(4): 43-49. (NAAS-5.58)
21. Rahangdale HJ, Roy B, Patra G, Batabyal S, **Soren S**. (2025). Effect of Dietary Supplementation of a Combination of Probiotics, Enzymes and Yeast on the Growth Performance, Carcass Traits and Gut Morphology of Broiler Chickens. *Indian Journal of Veterinary Science and Biotechnology*, 21(4): 116-121. (NAAS-5.58)
22. **Soren S**, Mandal GP, Roy B, Mondal S, Mandal S and Samanta I. (2025). Effect of prebiotic (fructooligosaccharide) and probiotic (*Lactobacillus rhamnosus* NCDC 298) as alternative to antibiotics on the growth performance, gut health, and immune response in broiler chickens. *Indian Journal of Animal Health*, DOI: <https://doi.org/10.36062/ijah.2025.01825> (NAAS-5.01)
23. **Soren S**, Ghosh R, Mukherjee J, Mandal S, Mandal S, Samanta I and Mandal G.P. (2025). Effect of synbiotic as replacement for antibiotics on the growth performance, gut health, and immune response in broiler chickens. *Indian Journal of Animal Nutrition*, 42(2):251-260. (NAAS-5.19)
24. Mondal S, Seikh A, Mandal G.P, Roy B, Mukherjee J, Mondal S, Samanta I, Roy A. and **Soren S**. (2025). Evaluation of an essential oil blend derived from thymol, cinnamaldehyde, and menthol on the growth performance and gut health of broiler chickens. *Indian Journal of Animal Health*, DOI: <https://doi.org/10.36062/ijah.2025.05225> (NAAS-5.01)
25. Seikh A, Mandal GP, Mandal S, Mandal S, Samanta I, and **Soren S**. (2025). Comparative study of probiotics and postbiotics on growth performance, carcass traits, and blood biochemical profiles in broiler chickens. *International Journal of Veterinary Sciences and Animal Husbandry*, 10(10): 45-50. (NAAS-4.61)
26. **Soren S**, Ghosh R, Mandal G.P, Mandal S, and Samanta I (2025). Impact of Postbiotic Produced from *Lactobacillus rhamnosus* NCDC 298 as a Replacement for Antibiotics on the Growth Performance, Gut Health and Immune Response in Broiler Chickens. *International Journal of Bio-resource and Stress Management*, 16(12): 01-11. (NAAS-5.40)
27. Mahata P, **Soren S**, Mandal GP, Biswas P, Patra G, Biswas S and Roy A (2026). Effect of shrimp meal on growth performance, digestibility, carcass characteristics, intestinal morphology, and immunological responses of broiler chicken. *Exploratory Animal and Medical Research*, 16(1): 108-115. (NAAS-5.00)

International Journal

1. **Soren S**, Mandal G P, Mondal S, Pradhan S, Mukherjee J, Banerjee D, Pakhira M C, Amla, Mondal A, Nsereko V and Samanta I (2024): Efficacy of *Saccharomyces cerevisiae* fermentation product and probiotic supplementation on growth performance, gut microflora and immunity of broiler chickens. *Animals*, 14:866. (NAAS-10.20)
2. Khan MH, **Soren S**, Jas R, Mondal S, Mukherjee J, Pakhira MC, Paul A, Samanta I, Mondal A, Nsereko V, and Mandal GP. (2025). Effects of *Saccharomyces cerevisiae* fermentation product (SCFP) and phytogenic feed additive as alternatives to antibiotic growth promoters on pathogen mitigation, immunomodulation and production performance in commercial broiler chickens, *Poultry Science*, 104: 105743. (NAAS-10.20)

3. Shit N, Hajra DK, Mukherjee RD and **Soren S.** (2026). Production dynamics and cost-benefit analysis of cross bred grower piglets under kitchen and chicken wastes management. *Livestock Science*, 17: 429-435 (NAAS-7.90).
4. Raj V, **Soren S**, Goswami S, Seikh A, Mandal GP, Mondal S, Samanta I, Ghosh P and Roy, B. (2026). Effects of Dietary Supplementation of Lactobacillus-based Probiotic and Postbiotic on Growth Performance, Carcass Traits, Blood Biochemical Profiles and Gut Health in Rainbow Rooster Chickens. *European Journal of Nutrition & Food Safety*, 18(9), 178-188. <https://doi.org/10.9734/ejnf/2026/v18i92147>(NAAS-5.14)

b. Books/ Books chapter:

Books

1. Soren S, (2024). Fodder production and principles of Animal Nutrition. Brillion Publishing. New Delhi. ISBN: 978-81-968848-5-7
2. Soren S and Roy A. (2024). Rabbit Farming. Nipa. Genx electronic Resources & Solution P. Ltd, New Delhi. ISBN: 978-93-58878-5
3. Soren S, (2024). Applied Ruminant Nutrition. Nipa. Genx electronic Resources & Solution P. Ltd, New Delhi. ISBN: 978-93-58875-57-7
4. Biswas P, Roy A, Pakhira MC, Saha D, Das SK, Biswas S, Tudu NK, Soren S, Sau SK, Das S and Das K. (2025). Jiban Jibikay Mishra Chash. Mahnati Prakasoni, Hooghly, WB – 712306. ISBN: 978-81-985036-6-4

Book Chapter

1. Soren, S. (2023). Mitigating antibiotic resistance in poultry: strategies for effective solutions. In: *Advances in veterinary sciences (Volume - 19)*". In: "Advances in Veterinary Sciences (Volume - 19)", Akinik publication, New Delhi. Page: 39-56, ISBN 978-93-5570-913-4.
2. Soren S. (2023). The Impact of Fermented Feeds on the Performance of Broiler Chickens. In: "Current Research in animal Husbandry and Veterinary Sciences". Integrated Publications, New Delhi. Page: 1-20, ISBN: 978-93-5834-586-5
3. Soren S. (2023). The Impact of Heat Stress on Poultry Production and Strategies for Amelioration. In: "Current Research in Animal Husbandry and Veterinary Sciences (Volume - 7)", Integrated publication, New Delhi. Page: 47-66, ISBN 978-93-5834-968-9.
4. Soren S. (2024). Nutritional Strategies for Alleviating Heat Stress in Dairy Animals. In: "Emerging Trends in Animal Husbandry & Veterinary Sciences (Volume - 2)" Bright Sky Publication, New Delhi. Page: 49-65, ISBN 978-81-968309-6-0.

5. Soren S. (2024). Potential Human Health Concerns Associated with Antibiotic use as Livestock Feed Additives. In: "Advanced Studies in Veterinary Science and Animal Husbandry (Volume - 1)", Helmand Publication, New Delhi. Page: 73-91, ISBN 978-93-93992-69-7.