

Dr. Rebeka Sinha

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PERSONAL DETAILS

- 1. Name** : Dr. Rebeka Sinha
2. Date of Birth : 27th December 1990
3. Gender : Female
4. Address for correspondence : Dr. Rebeka Sinha, Assistant Professor, Department of Animal Science, Palli Siksha Bhavana, Institute of Agriculture, Visva-Bharati, Sriniketan, West Bengal-731236
5. E-mail ID : rebeka.sinha@visva-bharati.ac.in
6. Academic Qualification : Ph.D. (Animal Genetics and Breeding)
7. Designation: Assistant Professor and Teacher-In-Charge, Department of Animal Science, Visva-Bharati (An Institution of National Importance), Sriniketan, West Bengal-731236

ACADEMIC QUALIFICATION

Name of the Exam/Degree	Name of the University/ Board/ Institution	Year of Passing	Subjects
B.V.Sc & A.H.	Central Agricultural University, Imphal	2013	Veterinary Science & Animal Husbandry
Master of Veterinary Science	ICAR – Indian Veterinary Research Institute	2015	Animal Genetics and Breeding
PhD	ICAR – National Dairy Research Institute	2019	Animal Genetics and Breeding

NATIONAL ELIGIBILITY TEST

Qualified the National Eligibility Test conducted by ASRB on 4 August, 2016 in the discipline of Animal Genetics and Breeding.

DETAIL OF THESIS WORK:

Ph.D thesis title: “Genetic Polymorphism in Bovine VDR, PTPRR and HMGA2 Gene – Their Association with Udder Type Traits and Clinical Mastitis in Karan Fries and Sahiwal Cows.”

Institute/Organization/University: ICAR – National Dairy Research Institute

Year of Award: 2021

The thesis was awarded the **Best Doctoral Thesis 2018-19 in Dairy Production Group** by the ICAR-National Dairy Research Institute, Karnal, Haryana (Deemed University)

MVSc thesis title: "Genetic polymorphism in porcine Mucin13 gene and its association with *E. coli* adhesion pattern."

Institute/Organization/University: ICAR – Indian Veterinary Research Institute

Year of Award: 2015

PUBLICATIONS

RESEARCH PAPERS PUBLISHED/ACCEPTED

1. **Rebeka Sinha**, Nihar Ranjan Sahoo, Pushpendra Kumar, Salauddin Qureshi, Amit Kumar, G. V. P. P. S. Ravi kumar and Bharat Bhushan. 2018. Comparative jejunal expression of MUC 13 in Indian native pigs differentially adhesive to diarrhoeagenic *E. coli*. **Journal of Applied Animal Research**, 46(1), 107-111. **NAAS Score: 7.99**
2. **Rebeka Sinha**, Nihar Ranjan Sahoo, Kush Shrivastava, Pushpendra Kumar, Salauddin Qureshi, Amit Kumar, Gandham Venkata Papa Pydi Siva Ravi Kumar and Bharat Bhushan. 2018. Effect of Mucin13 gene polymorphism on diarrhoeagenic *E. coli* adhesion pattern and its expression analysis in native Indian pigs. **Archives Animal Breeding**, 61, 321–328. **NAAS Score: 7.78**
3. **Rebeka Sinha**, Nihar Ranjan Sahoo, Kush Shrivastava, Pushpendra Kumar, Salauddin Qureshi, Amit Kumar, G.V.P.P.S. Ravi Kumar and Bharat Bhushan. 2020. Sequence analysis of Mucin 13 gene region associated with piglet diarrhea in Indian pigs. **Indian Journal of Animal Research**, 54(2), 163-167. DOI: 10.18805/ijar.B-3757. **NAAS Score: 6.43**
4. **Rebeka Sinha**, Nihar Ranjan Sahoo, Kush Shrivastava, Vineeth M.R., Pushpendra Kumar, Salauddin Qureshi, Amit Kumar and Bharat Bhushan. 2021. Effect of season, age and sex on *E. coli* adhesion patterns in Indigenous Ghurrah pigs - a comparative analysis of phenotypic classifications. **Biological Rhythm Research**, 52(8), 1217-1228. **NAAS Score: 7.36**
5. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Vineeth M R, Archana Verma, Ishwar Dayal Gupta. (2021). Effect of season, stage of lactation, parity and level of milk production on incidence of clinical mastitis in Karan Fries and Sahiwal cows. **Biological Rhythm Research**, 52(4), 593-602. **NAAS Score: 7.36**

6. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, M.R. Vineeth, Nisha Sharma, Archana Verma, Ishwar Dayal Gupta (2021). Effect of Non-genetic Factors on Udder and Teat Morphometric Traits in Sahiwal and Karan Fries Cows. **Indian Journal of Animal Research**, 1(6). NAAS Score: 6.43
7. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, M. R Vineeth, Kush Shrivastava, Archana Verma and I. D. Gupta (2022). Udder and teat morphometry in relation to clinical mastitis in dairy cows. **Tropical Animal Health and Production**, 54(2):99. NAAS Score: 7.89
8. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Vineeth MR, Nisha Sharma, Archana Verma, and Ishwar Dayal Gupta (2022). Association of udder type traits with single nucleotide polymorphisms in Sahiwal (*Bos indicus*) and Karan Fries (*Bos taurus* × *Bos indicus*) cattle. **Animal Biotechnology**, 34(1):1-12. NAAS Score: 8.14
9. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, M.R. Vineeth, Revanasiddu D, Archana Verma, and Ishwar Dayal Gupta (2022). Unravelling the relationship between udder morphometric traits and milk production, composition and clinical mastitis in Karan Fries cattle via principal component analysis. **Indian Journal of Dairy Science**. 76(3): 268-278.
10. Ragini Kumari, Rakesh Kumar, Beena Sinha, **Rebeka Sinha**, Ishwar Dayal Gupta and Archana Verma (2022). Novel polymorphisms of the KCNB1 gene and their association with production traits in Indian Sahiwal cattle. **Indian Journal of Animal Sciences**, 92 (12): 1422-1428. NAAS Score: 6.29
11. Shweta Sachan, I D Gupta, Archana Verma, M. R Vineeth and **Rebeka Sinha** (2020). Growth hormone-Msp1 loci polymorphism and its association with first lactation traits in Sahiwal cattle. **Indian Journal of Animal Sciences**, 90 (4): 655–657. NAAS Score: 6.29
12. Nisha Sharma, Revanasiddu D, Sushil Kumar, Beena Sinha, Ragini Kumari, **Rebeka Sinha**, ID Gupta and Archana Verma (2022). Non - genetic factors affecting milk composition traits and association of milk quality parameters with udder and teat type traits of Sahiwal and Karan Fries cows. *Indian Journal of Dairy Science*. 75(4): 353-358. <https://doi.org/10.33785/IJDS.2022.v75i04.008>.
13. Mohd. Faheem Khan, Kush Shrivastava, **Rebeka Sinha**, Virender Kumar, A.K. Jaitly. 2015. Dataset for distribution of INGI/RIME and SLACS CRE transposable elements in *Trypanosoma brucei* genome. **Data in Brief**, 5, 818–821.
14. Mohd. Faheem Khan, Kush Shrivastava, **Rebeka Sinha**, Virendra Kumar & A.K. Jaitly. 2016. Genome wide occurrence and insertion preferences of INGI/RIME and SLACS CRE transposable elements in *Trypanosoma brucei*. **Mobile Genetic Elements**, 6(6), e1240747. <http://dx.doi.org/10.1080/2159256X.2016.1240747>.
15. Kush Shrivastava, Pushpendra Kumar, Mohd. Faheem Khan, Nihar Ranjan Sahoo, Om Prakash, Amit Kumar, **Rebeka Sinha**, Anuj Chauhan, Manjit Panigrahi, Bharat Bhushan, Arvind Prasad, A. Nasir, B.H.M. Patel. 2018. 5' UTR of IgE epsilon (ε) heavy chain and

- its association with mixed natural infestation of *Haemonchus contortus* in Rohilkhandi goat. **International Journal of Genetics**, 10 (6), 452-454. **NAAS Score: 4.07**
16. Kush Shrivastava, Pushpendra Kumar, Mohd. Faheem Khan, Shankar Dayal, Nihar Ranjan Sahoo, **Rebeka Sinha**, Om Prakash, Amit Kumar, Manjit Panigrahi, Anuj Chauhan, Bharat Bhushan, Arvind Prasad, A. Nasir, BHM Patel. 2018. Sequence Characterization of Ovine MHC Class II (DRB I Gene) in Indian Sheep Breeds. **International Journal of Current Microbiology Applied Sciences**, 7(7), 490-499.

REVIEW ARTICLES

1. **Rebeka Sinha**, Nihar Ranjan Sahoo, Kush Shrivastava, Pushpendra Kumar, Salauddin Qureshi, Ujjwal Kumar De, Amit Kumar, Gandham Venkata Papa Pydi Siva Ravi Kumar and Bharat Bhushan. 2019. Resistance to ETEC F4/F18-mediated piglet diarrhoea: opening the gene black box. **Tropical Animal Health and Production**, 51, 1307–1320. <https://doi.org/10.1007/s11250-019-01934-x>. **NAAS Score: 7.89**
2. Kush Shrivastava, **Rebeka Sinha** and Mohan Singh Thakur. 2018. Molecular DNA markers in conservation of wildlife: A brief review. **Journal of Entomology and Zoology Studies**, 6(3), 1519-1522.
3. Kush Shrivastava, **Rebeka Sinha**, Prajwalita Pathak and Vivek Kumar Nayak. 2018. Open Nucleus Breeding System to Improve Livestock Population: A review. **International Journal of Pure and Applied Bioscience**, 6 (5), 892-899.
4. Kush Shrivastava, **Rebeka Sinha**, Shweta Singh Chauhan, Mohan Singh Thakur. 2018. Microsatellite Markers in Conservation and Management of Wildlife: A Brief Perspective. **International Journal of Current Microbiology Applied Sciences**, 7(7), 2274-2282.
5. Prajwalita Pathak, Vivek Kumar Nayak and **Rebeka Sinha**. 2017. Comparison of Various Economic Traits in Divergent Stocks of Chicken: A Review. **Trends in Biosciences**, 10 (40), 8255-8260.
6. Prajwalita Pathak, Vivek Kumar Nayak, **Rebeka Sinha** and Bilal Ahmad Ganaie. 2020. Review on small ruminant conservation status and prospects in India. **Tropical Animal Health and Production**, 52(6): 2817-2827. <https://doi.org/10.1007/s11250-020-02356-w>. **NAAS Score: 7.89**

BULLETINS & NEWS LETTERS/ EDITORIALS

1. **Rebeka Sinha** and team. 2018. Piglet Mortality due to Diarrhoea Desi pigs as remedy. *Science Last Fortnight*, 114(1), 15.
2. **Rebeka Sinha**, I. D. Gupta and Archana Verma. 2019. Udder Morphometry a Remedy for Minimizing Economic Losses due to Mastitis. *NDRI News. A Quarterly Newsletter of Dairy Science & Technology, ICAR-National Dairy Research Institute, Karnal*, 24 (1), 3.
3. **Rebeka Sinha**, Kush Shrivastava and Vineeth M. R. 2019. Food security in North East India: Does pig production holds the key?. *AGRICULTURE & FOOD: e-Newsletter*, 1(5), 268-276.

SHORT COMMUNICATION

1. **Sinha, R.** and Shrivastava, K. 2018. Breeding for Reduced Methane Emissions in Livestock Species. Open Access Journal of Veterinary Science & Research, 3 (2), 000159.

POPULAR ARTICLES

1. **Rebeka Sinha**, Prajwalita Pathak, Kush Shrivastava and Deepandita Barman. Basics of gene mapping: Applications to farm animals. Livestock technology, September - 2017, Vol-7 (04).
2. **Rebeka Sinha**, Kush Shrivastava, Prajwalita Pathak and Deepandita Barman. Sperm mediated gene transfer. Dairy planner, October – 2017, Vol. 14: No. 10.
3. **Rebeka Sinha**, Kush Shrivastava, Prajwalita Pathak and Deepandita Barman. Testes mediated gene transfer: An approach to create transgenic animal. Livestock technology, Vol-8, Issue-01, 38-42.
4. **Rebeka Sinha**, Kush Shrivastava, Prajwalita Pathak and Vivek Kumar Nayak. Indigenous Breeds of Chicken: Their Diversity and Unique traits. Poultry Technology, August – 2018, Vol. 13, Issue- 04, 96-98.
5. **Rebeka Sinha**, Kush Shrivastava, Prajwalita Pathak and Vivek Kumar Nayak. Preventing Zoonotic Disease on the Dairy. Dairy planner, June – 2018, Vol. 15: No. 6.
6. Prajwalita Pathak, **Rebeka Sinha**, Pranesh Kumar and Vivek Kumar Nayak. Uses and management of poultry litter. Poultry planner, October – 2017, Vol. 19: No. 10.
7. Prajwalita Pathak, **Rebeka Sinha**, Vivek Kumar Nayak and Pranesh Kumar. Radiation hybrid mapping – Advantages, limitations and future prospects. Livestock technology, December 2017, Vol-7 (07).
8. Prajwalita Pathak, **Rebeka Sinha**, Vivek Kumar Nayak and Deepandita Barman. Hygienic and economical disposal of livestock farm manure, Dairy Planner, November – 2017, Vol.14, No. 11.
9. Kush Shrivastava, **Rebeka Sinha** and Prajwalita Pathak. Cattle breeds of India: Their diversity and unique traits. Dairy Planer, September – 2017, Vol.14, No. 09.
10. Kush Shrivastava, **Rebeka Sinha**, Prajwalita Pathak and Deepandita Barman. Poultry genome. Poultry planner, September – 2017, Vol. 19: No. 09.
11. Kush Shrivastava, **Rebeka Sinha**, Prajwalita Pathak and Deepandita Barman. Prospects of genomic selection in poultry. Poultry Technology, September – 2017, Vol. 12, No. 05.
12. Kush Shrivastava, **Rebeka Sinha**, Prajwalita Pathak and Deepandita Barman. Present status of gene mapping in livestock and poultry. The Indian Cow, Jan-March, 2017, Issue-51, 40-44.
13. Kush Shrivastava, **Rebeka Sinha**, Prajwalita Pathak and Deepandita Barman. Open Nucleus Breeding System to Improve Livestock Population. Raksha Technical Review, Feb. 2018, Vol. VII, Issue 2, 6-9.

14. Kush Shrivastava, **Rebeka Sinha**, Shweta Singh Chauhan. The Future of Broiler Breeding. Poultry planner, June – 2018, Vol. 20: No. 6.
15. Kush Shrivastava, **Rebeka Sinha**, Shweta Singh Chauhan. Human Diseases and ailments – Transgenic goat milk for the rescue. Indian Farmer, November-2018, 5(10): 1233-1227.
16. Kush Shrivastava and **Rebeka Sinha**. Genomic Selection for Dairy Cattle. Indian Farmer, July-2018, 5(07): 698-702.
17. Kush Shrivastava, **Rebeka Sinha** and Mohan Singh Thakur. Goat farming for rural livelihood security in India. Indian Farmer, Vol. 8 (04): 316-321. April-2021.

LEAD PAPER PUBLISHED

1. P P Dubey, S K Sahoo, **Rebeka Sinha** and Ramandeep Kaur (2023). Breeding Strategies for Productivity Enhancement in Dairy Animals. Lead Paperin XXI NAVS Convocation-cum-Scientific Convention in July 1-2, 2023, GADVASU, Ludhiana.

LECTURE DELIVERED

1. Delivered an **invited lecture** on one day awareness programme on ‘Intellectual Property Under IPR Component of MSME Innovative Scheme’ under National IP Outreach Mission in Viksit Bharat on March 8, 2025, at the Seminar Hall, Department of Plant Pathology, Palli-Siksha Bhavana, Visva-Bharati, Sriniketan sponsored by the Ministry of MSME, Government of India organised by: IP Facilitation Centre, Visva-Bharati.

ABSTRACTS

1. **Rebeka Sinha**, N. R. Sahoo, P. Kumar, S. Qureshi, A. Kumar, G.V.P.P.S. Ravi Kumar, S. Kumar and B. Bhushan. Polymorphism in MUC13 associated with differential adhesion pattern of diarrhogenic *E. coli* in Indian pigs. National symposium on "Policy planning for livelihood security through domestic Animal Biodiversity & XIII Annual Convention of society for Conservation of Domestic Animal Biodiversity" held at SKUAST, Jammu, India. Feb 11-12, 2016, pp: 246.
2. Nihar Ranjan Sahoo, **Rebeka Sinha**, Chandrakanta Rawat, Shivaji S Wagh, Pushpendra Kumar, Salauddin Qureshi, Amit Kumar, Subodh Kumar and Bharat Bhushan. Genetic polymorphism of candidate genes in SSC13q41 region affecting Indian pigs differentially adhesive to diarrhoeagenic *E. coli*. **36th International Society of Animal Genetics (ISAG) Conference** held at Dublin, Ireland. July 16-21, 2017, pp: 129, MT24R.
3. **Rebeka Sinha**, Nihar Ranjan Sahoo, Pushpendra Kumar, Kush Shrivastava. Genetic polymorphism at SSC13q41 Mucin13 gene in Native Indian Pig. International Conference on "Recent Trends in Bioinformatics and Biotechnology for Sustainable Development" held at FVSc & AH, SKUAST-J, R.S. Pura, Jammu, India. Oct 12-13, 2017, pp: 81.

4. **Rebeka Sinha**, Nihar Ranjan Sahoo, Pushpendra Kumar, Kush Shrivastava. Comparative expression of snp g.22304a>g at porcine muc13 gene in native Indian pig. National Symposium on “Sustainable Management of Livestock and Poultry Diversity for enhancing the Farmers’ Income” held at RAJUVS, Bikaner, Rajasthan, India. Feb 08-10, 2018, pp: 127.
5. **Rebeka Sinha**. Microscopic Adhesion Test (MAT): A tool to phenotype native Indian pigs for resistance to Piglet Diarrhoea. 18th Indian Veterinary Congress and XXV Annual Conference of IAAVR and National Symposium on “Indian Veterinary Leadership to Promote National and International Collaboration, Coalitions and Linkages for Global Competitiveness in Animal Health and Production, Research and Education” held at College of Veterinary Science, Tirupati (AP). Feb 23-24, 2018, pp: 114.
6. **Rebeka Sinha**, Dr I D Gupta, Archana Verma, Beena Sinha, Ragini Kumari, Vineeth M.R., Anshuman Kumar and Sushil Kumar. Polymorphism in VDR gene and its association with udder and teat type traits, milk production and mastitis in Sahiwal cows. XVI SOCDAB National symposium on “Animal Genetic Resources for Food and Social Security” held at ICAR-NBAGR, Karnal, India. Feb 7-8, 2019, pp: 186.
7. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Vineeth M.R., Archana Verma and I.D. Gupta. Comparative effect of non-genetic factors on incidence of clinical mastitis in indian dairy cattle. XIV Annual Convention of ISAG&B-2019 & National symposium on “Exploring the potential for sustainable use of Indigenous animal genetic resources for enhancing productivity & profitability” held at SKUAST-J, R.S. Pura, Jammu. May 29-30, 2019, pp: 88.
8. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Vineeth M.R., Archana Verma and Ishwar Dayal Gupta. Principal Component Analysis of Linear Udder Type Traits for Sustainable Milk Production in Sahiwal Cattle. National conference on “Livelihood improvement through sustainable livestock production & IV Annual convention of Pashu Poshan Kalyan Samittee (PPKS)” held at ICAR-Central Institute for Research on Cattle, Meerut. Nov 3-4, 2019, pp: 44.
9. **Rebeka Sinha**, Nihar Ranjan Sahoo, Kush Shrivastava, Vineeth M.R. Effect of Season, Age and Sex on E. coli Adhesion Patterns in Ghurrah Pigs. National conference on “Livelihood improvement through sustainable livestock production & IV Annual convention of Pashu Poshan Kalyan Samittee (PPKS)” held at ICAR-Central Institute for Research on Cattle, Meerut. Nov 3-4, 2019, pp: 97.
10. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Vineeth M.R., Archana Verma and Ishwar Dayal Gupta. Selection of Udder and Teat Morphometric Traits for Sustainable Milk Production in Sahiwal Cattle. International Conference on “Innovations in Plant and Animal Sciences for Sustainable Agriculture and Rural Development (IPASSARD 2019)” held at Rajasthan Agricultural Research Institute, (SKNAU), Jaipur (India) from 07-09 December 2019, pp: 271.
11. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Vineeth M.R., Archana Verma and Ishwar Dayal Gupta. Selection of Udder and Teat Morphometric Traits for Safe and Quality Milk Production in Crossbred Cattle. International Conference on “Livestock, Food Security and Food Safety – Challenges, Opportunities and Strategies” held at Madras Veterinary

College, Tamil Nadu Veterinary and Animal Sciences University, Chennai (India) from 28-29 January 2020, pp: 51.

12. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Vineeth M.R., Archana Verma and Ishwar Dayal Gupta. Effect of udder conformation traits on milk production in crossbred cattle of tropical region. International Conference on “Advances and Innovations in Agriculture and Allied Sciences (AIAAS- 2020)” held at Jawaharlal Nehru University Convention Centre, Delhi (India) from 31st January-01 February 2020, pp: 57.
13. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Sushil Kumar, Vineeth M.R., Archana Verma and Ishwar Dayal Gupta. Principal component analysis of linear udder type traits for milk production in Karan Fries cattle. XVII National Symposium on Enhancement of Farmers’ Income through Management of Animal Genetic Resources Organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB) held at NDVSU-College of Veterinary Science and Animal Husbandry Mhow (M.P.) from 10-11 February 2020, pp: 152-153.
14. **Rebeka Sinha**, Beena Sinha, Ragini Kumari, Sushil Kumar, Vineeth M.R., Archana Verma and Ishwar Dayal Gupta. Effect of udder and teat morphometry on clinical mastitis and milk production in Sahiwal cattle. XVII National Symposium on Enhancement of Farmers’ Income through Management of Animal Genetic Resources Organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB) held at NDVSU-College of Veterinary Science and Animal Husbandry Mhow (M.P.) from 10-11 February 2020, pp: 257-258.
15. **Rebeka Sinha**, Beena Sinha, Sushil Kumar, Ragini Kumari, Vineeth M.R., Archana Verma, Ishwar Dayal Gupta. Genetic polymorphism of candidate genes in BTA 5 affecting udder morphometry and differential mastitis resistance in Sahiwal cows. XVIII Annual Convention and National Webinar: Harnessing Potential of Indigenous Animal Genetic Resources for Enhancement of Productivity and Profitability, organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB), Karnal & ICAR-National Bureau of Animal Genetic Resources, Karnal held at ICAR-National Bureau of Animal Genetic Resources, Karnal. SOCDAB-2021/Abst/II-025. PP: 129. February 11-12, 2021
16. **Rebeka Sinha**, Jayanta Kumar Chatterjee, Vineeth Muzhupilezhikethu Raveendran, Ishwar Dayal Gupta. Single nucleotide polymorphism in VDR, PTPRR and IL 22 genes and their association with clinical mastitis and milk production in Indian dairy cows. National Seminar on Recent Advances in Animal Science RAASVB 2024 organized by Department of Zoology, Siksha Bhavana (Institute of Science), Visva-Bharati (A Central University, Santiniketan - 731235. Pp: 73. March 07-08, 2024.
17. Labanya Ray, Jayanta Kr. Chatterjee, **Rebeka Sinha**. Routine Farm Operation and Management in Dairy and Poultry Farm, Sriniketan. Symposium on Application and Fostering of Zoological and Biomedical Sciences organized by Zoology Alumni Association of Burdwan University (ZAABU) in association with Department of Zoology, The University of Burdwan, West Bengal, India. Pp: 35. March 29-30, 2024.
18. Sourav Porel, J.K. Chatterjee and **Rebeka Sinha**. The effect of dietary supplementation of prebiotics (*Moringa oleifera*) as a growth promoter on growth performance of broiler chicken. 7th International Symposium on Minor Fruits, Medicinal and Aromatic Plants

organized by Department of Horticulture & Postharvest Technology, Institute of Agriculture, Visva-Bharati, Sriniketan, West Bengal, India in collaboration with Society for Minor Fruits, Medicinal and Aromatic Plants. Pp: 110. November 22-23, 2024.

19. **Rebeka Sinha** and Vineeth M R. Digital Interventions in Livestock Management for Sustainable Livelihoods in Hill Ecosystems. National Conference on Digital Interventions & Sustainable Livelihoods in Hill Ecosystem: Towards Vision Viksit Bharat@2047 organized by Department of Agricultural Economics, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati & Indian Council of Social Science Research (ICSSR), New Delhi. Pp: 26. January 10-11, 2025.
20. Sunil Todawata, **Rebeka Sinha** and J. K. Chatterjee. Summer Feeding Management for Sustainable Poultry Production. National Conference on Digital Interventions & Sustainable Livelihoods in Hill Ecosystem: Towards Vision Viksit Bharat@2047 organized by Department of Agricultural Economics, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati & Indian Council of Social Science Research (ICSSR), New Delhi. Pp: 39. January 10-11, 2025.
21. Srijan Ghoshal, J.K. Chatterjee and **Rebeka Sinha**. Housing Management for Sustainable Poultry Production in Rural India. National Conference on Digital Interventions & Sustainable Livelihoods in Hill Ecosystem: Towards Vision Viksit Bharat@2047 organized by Department of Agricultural Economics, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati & Indian Council of Social Science Research (ICSSR), New Delhi. Pp: 46. January 10-11, 2025.
22. Anju Mondal and **Rebeka Sinha**. Revolutionizing Indian Poultry Farming: Embracing Digital Transformation for a Sustainable Future. National Conference on Digital Interventions & Sustainable Livelihoods in Hill Ecosystem: Towards Vision Viksit Bharat@2047 organized by Department of Agricultural Economics, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati & Indian Council of Social Science Research (ICSSR), New Delhi. Pp: 46. January 10-11, 2025.
23. Sourav Porel, **Rebeka Sinha** and J.K. Chatterjee. The Effect of Prebiotic Supplementation on Carcass Characteristics of Broiler Chicken for Sustainable Poultry Production. National Conference on Digital Interventions & Sustainable Livelihoods in Hill Ecosystem: Towards Vision Viksit Bharat@2047 organized by Department of Agricultural Economics, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati & Indian Council of Social Science Research (ICSSR), New Delhi. Pp: 38. January 10-11, 2025.
24. Srijan Ghoshal, J.K. Chatterjee and **Rebeka Sinha**. Effect of different litter materials on feed conversion ratio in broiler production. National Seminar cum Farmers' Training Programme on "Role of Traditional Indian Knowledge System (IKS) for Sustainable Mechanization in Rice and Groundnut Crop", organized by Department of Agricultural Engineering, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati (A Central University), Sriniketan, West Bengal in Association with IQAC, Visva-Bharati and Department of Plant Pathology, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati during 20-23 February, 2025, Pp: 43.
25. Sunil Todawata, **Rebeka Sinha**, J.K. Chatterjee. Impact of wet feeding on carcass characteristics of broiler chicken. National Seminar cum Farmers' Training Programme

- on “Role of Traditional Indian Knowledge System (IKS) for Sustainable Mechanization in Rice and Groundnut Crop”, organized by Department of Agricultural Engineering, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati (A Central University), Sriniketan, West Bengal in Association with IQAC, Visva-Bharati and Department of Plant Pathology, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati during 20-23 February, 2025, Pp: 44.
26. Suman Kumar Sutradhar, Jayanta Kumar Chatterjee, **Rebeka Sinha**. Neem (*Azadirachta Indica*) leaves: a natural booster for growth and performance in broiler chickens. National Seminar cum Farmers’ Training Programme on “Role of Traditional Indian Knowledge System (IKS) for Sustainable Mechanization in Rice and Groundnut Crop”, organized by Department of Agricultural Engineering, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati (A Central University), Sriniketan, West Bengal in Association with IQAC, Visva-Bharati and Department of Plant Pathology, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati during 20-23 February, 2025, Pp: 45.
 27. Sourav Porel, J.K. Chatterjee, **Rebeka Sinha**. Exploring the potential of *Moringa Oleifera* and *Coliphage* supplementation as a natural growth promoter for sustainable poultry production. National Seminar cum Farmers’ Training Programme on “Role of Traditional Indian Knowledge System (IKS) for Sustainable Mechanization in Rice and Groundnut Crop”, organized by Department of Agricultural Engineering, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati (A Central University), Sriniketan, West Bengal in Association with IQAC, Visva-Bharati and Department of Plant Pathology, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati during 20-23 February, 2025, Pp: 46.
 28. Labanya Ray, Jayanta Kr. Chatterjee, **Rebeka Sinha**. Common diseases affecting Cattle in tropical regions of India. 36th All India Congress of Zoology and International Conference on Innovations in Life Sciences for Sustainable Development: Biodiversity, Environment, Health and Food Security-2025 (ILSSD-2025) organized by Department of Zoology, Faculty of Science, University of Lucknow, Lucknow-226007, UP, India in Collaboration with Zoological Society of India, Gaya, Bihar during 24-26 April, 2025, Pp: 155.
 29. **Rebeka Sinha**, Arindam Mandal, Anulina Pyne and Jayanta Kumar Chatterjee. Comprehensive Evaluation of Tulsi (*Ocimum tenuiflorum*) Supplementation on Performance of Commercial Broiler Chickens. AAAS National Conference on Transformative Approaches and Smart Technology in Plant & Animal Health for Sustainable & Climate-Ready Agriculture September 18-19, 2025 Organized by Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati Academy for Advancement of Agricultural Sciences (AAAS), Kalyani. Pp: 152.
 30. Rebeka Sinha, Shouvik Pramanik, Mohit Yadav and Jnanendra Rath. Evaluation of *Chlorococcum* Sp. As A Functional Feed Additive On Growth Performance, Carcass Characteristics and Haematological Parameters In Broiler Chickens. International Conference on “Precision Animal Breeding through Genomics, Artificial Intelligence and Machine Learning” of Indian Society of Animal Genetics and Breeding (ISAG&B) organized by Department of Animal Genetics and Breeding, West Bengal University of Animal and Fishery Sciences during November 13-14, 2025. Pp: 134.

BOOKS AND BOOK CHAPTER

1. **Rebeka Sinha**, Kush Shrivastava and Vineeth M. R. 2019. Animal Proteomics: A Brief Introduction. In Advances in Veterinary Sciences (Volume - 4). AkiNik Publications. Rohini, New Delhi, India. pp: 59-82. ISBN: 978-93-5335-511-1.
2. **Rebeka Sinha**, Vineeth M. R. and Kush Shrivastava. 2019. Role of Livestock in Organic Farming. In Organic Farming Practices and Sustainable Agriculture (Volume - 3). AkiNik Publications. Rohini, New Delhi, India. pp: 21-34. Ref. No: OFPSA-03-02.
3. Nandani Kumari, **Rebeka Sinha**, Sushil Prasad and Bharti Kumari. 2022. A Manual of Biostatistics & Computer Application. Satish Serial Publishing House, ISBN-10 : 9390660475, ISBN-13: 978-9390660476
4. Nihar Ranjan Sahoo and **Rebeka Sinha**. 2023. Animal Genetic Resources: A Global Overview. pp: 4-13. Characterization and Conservation Strategies for Domestic Animal Biodiversity. Elite Publishing House H1/60, Sector - 16, Rohini, New Delhi – 110089. ISBN: 978-93-58994-33-9.
5. **Rebeka Sinha** and Vineeth M. R. 2025. Transforming Livestock Sector for Viksit Bharat @2047. Pp: 71-80. Nutritional Regulation of Epigenetic Modifications in Livestock. Agra Book International, ISBN: 978-93-48791-47-4.

AWARDS

1. Awarded **Best Doctoral Thesis 2018-19 (Dairy Production Group)** for Doctoral Dissertation entitled "Genetic Polymorphism in VDR, PTPRR and HMGA2 Gene- Their Association with Udder Type Traits and Clinical Mastitis in Karan Fries and Sahiwal Cows " carried out in Animal Genetics and Breeding Division, **ICAR-National Dairy Research Institute** under the guidance of Dr. I. D. Gupta, Principal Scientist.
2. **Outstanding / Best M.V.Sc Thesis Award – 2019** for her quality research work on “Genetic polymorphism in porcine Mucin 13 gene and it’s association with *E. coli* adhesion pattern” in International Conference on “Innovations in Plant and Animal Sciences for Sustainable Agriculture and Rural Development (IPASSARD 2019)” held at Rajasthan Agricultural Research Institute, (SKNAU), Jaipur (India) from 07-09 December 2019.
3. **Third position for the poster presentation** entitled “Principal Component Analysis of Linear Udder Type Traits for Sustainable Milk Production in Sahiwal Cattle (TS-02-06)” in National conference on “Livelihood improvement through sustainable livestock production” organised at ICAR-Central Institute for Research on Cattle, Meerut Cantt in collaboration with Pashu Poshan Kalyan Samittee (PPKS) during Nov 3-4, 2019.
4. **Best article award**, AGRICULTURE & FOOD: e-Newsletter, Volume 1 – Issue 5 – May 2019, ISSN: 2581- 8317, <http://www.agrifoodmagazine.co.in>.
5. **Best Paper Award** in the Session II for the research paper “Selection of Udder and Teat Morphometric Traits for Safe and Quality Milk Production in Crossbred Cattle” during International Conference on “Livestock, Food Security and Food Safety – Challenges,

- Opportunities and Strategies” held at Madras Veterinary College, Tamil Nadu Veterinary and Animal Sciences University, Chennai-600007, India during January 28-29, 2020.
6. **Best Oral Presentation Award** for the research paper “Effect of udder conformation traits on milk production in crossbred cattle of tropical region” during International Conference on “Advances and Innovations in Agriculture and Allied Sciences (AIAAS- 2020)” held at Jawaharlal Nehru University Convention Centre, Delhi (India) from 31st January-01 February 2020.
 7. **Associate Young Scientist Award** for outstanding contribution in the field of Animal Genetics and Breeding on the occasion of International Conference on “Advances and Innovations in Agriculture and Allied Sciences (AIAAS- 2020)” held at Jawaharlal Nehru University Convention Centre, Delhi (India) from 31st January-01 February, 2020.
 8. **Best Paper Award** in the Session I for the research paper “Principal component analysis of linear udder type traits for milk production in Karan Fries cattle”. XVII National Symposium on Enhancement of Farmers’ Income through Management of Animal Genetic Resources Organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB) held at NDVSU-College of Veterinary Science and Animal Husbandry Mhow (M.P.) from 10-11 February 2020.
 9. **Best Poster Award** in the Session III for the research paper “Effect of udder and teat morphometry on clinical mastitis and milk production in Sahiwal cattle”. XVII National Symposium on Enhancement of Farmers’ Income through Management of Animal Genetic Resources Organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB) held at NDVSU-College of Veterinary Science and Animal Husbandry Mhow (M.P.) from 10-11 February 2020.
 10. Institute Fellowship award, ICAR-IVRI, for M.V.Sc.
 11. Institute Fellowship award, ICAR-NDRI, for Ph.D.
 12. **First position in Essay Competition** on the topic “Work Ethics and Value System” under the Category of Teachers and Scientists held at Birsa Agricultural University, Ranchi on 41st Foundation Day’ 26th June, 2021.
 13. **Krantijyoti Savitribai Phule Women’s Achiever’s Award-2025** was presented to Dr. Rebeka Sinha, Assistant Professor and Teacher-In-charge, Dept of Animal Science, Visva-Bharati, West Bengal for Outstanding Individual Accomplishment and Distinguished Professional Services to the Nation, on the occasion of Republic Day of India, 26th Jan. 2025 by PASHUDHAN PRAHAREE, RNI NO.: JHAHIN/2012/46453, ISSN: 2319-6971 (Print), www.pashudhanpraharee.com
 14. **Best Paper Award** was presented to Srijan Ghoshal, J.K. Chatterjee and **Rebeka Sinha** of Dept. of Animal Science, PSB, Visva Bharati for presenting a paper entitled “Effect of different litter materials on feed conversion ratio in Broiler Production” in the National Seminar cum Farmers’ Training Programme on “Role of Traditional Indian Knowledge System (IKS) for Sustainable Mechanization in Rice and Groundnut Crop”, organized by Department of Agricultural Engineering, Institute of Agriculture, Visva-Bharati in

Association with Department of Plant Pathology, Institute of Agriculture and IQAC, Visva-Bharati during 20-23 February, 2025.

15. **Associateship of the Academy for Advancement of Agricultural Sciences (AAAS)**, Kalyani, Nadia, West Bengal, was awarded to Dr. Rebeka Sinha in recognition of her significant contributions to Animal Science.
16. **Best Paper Award** in oral presentation titled “Comprehensive Evaluation of Tulsi (*Ocimum tenuiflorum*) Supplementation on Performance of Commercial Broiler Chickens” at the National Conference on “*Transformative Approaches and Smart Technology in Plant & Animal Health for Sustainable & Climate-Ready Agriculture*” held on September 18–19, 2025 organized by Department of Plant Pathology, PSB, Visva-Bharati and AAAS.

EXPERIENCE

Research Experience

1. Six months work experience from 29th March to 30th September, 2019 as Senior Research Fellow in ICAR Research Project “National Innovations on Climate Resilient Agriculture” (NICRA) under Dr. (Ms.) Anjali Aggarwal, PS & PI, DCP Division, NDRI, Karnal.
2. Technical Consultant in Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry & Dairying, GoI, New Delhi, India from 1st October, 2019 to 30th November, 2020.

Teaching Experience

1. Assistant Professor-cum-Junior Scientist (Contractual) at Department of Animal Genetics and Breeding, Ranchi Veterinary College, Birsa Agricultural University, Kanke, Jharkhand, 834006, Consolidated from 1st December 2020 to 31st December 2021.
2. Assistant Professor at Department of Animal Genetics and Breeding, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, from 3rd January 2022 to 29th September 2023.
3. Assistant Professor at Department of Animal Science, Visva-Bharati (An Institution of National Importance), Santiniketan, West Bengal-731236 from 11.10.2023 to till date.

OTHER POSITIONS HELD:

I. Teacher-In-Charge, Department of Animal Science, Visva-Bharati (An Institution of National Importance), Sriniketan, West Bengal-731236.

II. In-Charge, Dairy and Poultry Farm, Palli Siksha Bhavana, Visva-Bharati (An Institution of National Importance), Sriniketan, West Bengal-731236.

III. Internal member (Veterinarian) of Institutional Animal Ethics Committee, Department of Zoology, Siksha Bhavana, Visva-Bharati (An Institution of National Importance), Santiniketan, West Bengal

IV. Teacher Warden of Sriniketan Girls' Hostel Visva-Bharati, Sriniketan, West Bengal-731236.

V. Assistant Nodal Officer, iSTEM (Indian Science Technology and Engineering Facilities Map), Visva-Bharati (An Institution of National Importance), Santiniketan, West Bengal.

VI. Worked as In-charge, Hatchery Unit, Directorate of Livestock Farms, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana till 29th September 2023.

STUDENTS GUIDED:

I. Guided three M.Sc scholars in M.Sc in Animal Science (Poultry)

[Academic Year: 2022-24]

II. Co-Guided three M.Sc scholars in M.Sc in Animal Science (Poultry)

[Academic Year: 2022-24]

III. Guided two M.Sc. scholars in M.Sc. in Animal Science (Poultry)

[Academic Year: 2023-25]

TRAININGS AND CONFERENCES

1. Participated in training Programme on "Basic course on Use of Bioinformatics Tools in Veterinary Science Research" held at ICAR-IVRI, Izatnagar on November 13-15, 2014.
2. Participated in Training Programme on "R Programming: Basics for Agricultural and Dairy Science", held at ICAR-NDRI, Karnal on Oct 25-27, 2017.
3. Participated in training Programme on "Predictive Analytics in Bioinformatics: A Machine Learning Perspective" held at ICAR-NDRI, Karnal on March 27-28, 2018.
4. Participated in 21 Days National Training Course (NTC-2019) on Livelihood Security through Sustainable Agriculture, Livestock Husbandry, and Allied Enterprises. 25 February-17 March, 2019.
5. Participated in National symposium on "Policy planning for livelihood security through domestic Animal Biodiversity & XIII Annual Convention of society for Conservation of Domestic Animal Biodiversity" held at SKUAST, Jammu, Feb 11-12, 2016.
6. Participated in 44th Dairy Industry Conference, Make in India: Dairying 2030, Held at ICAR-NDRI, Karnal, Haryana on Feb 18-20, 2016.
7. Participated in XVI SOCDAB National symposium on "Animal Genetic Resources for Food and Social Security" held at ICAR-NBAGR, Karnal, India. Feb 7-8, 2019.
8. Participated in National conference on "Livelihood improvement through sustainable livestock production" organised at ICAR-Central Institute for Research on Cattle, Meerut Cantt in collaboration with Pashu Poshan Kalyan Samittee (PPKS) during Nov 3-4, 2019.
9. Participated and presented a paper in International Conference on "Innovations in Plant and Animal Sciences for Sustainable Agriculture and Rural Development (IPASSARD

2019)” held at Rajasthan Agricultural Research Institute, (SKNAU), Jaipur (India) from 07-09 December 2019.

10. Participated and presented a paper in International Conference on “Livestock, Food Security and Food Safety – Challenges, Opportunities and Strategies” held at Madras Veterinary College, Tamil Nadu Veterinary and Animal Sciences University, Chennai (India) from 28-29 January 2020.
11. Participated and presented a paper in International Conference on “Advances and Innovations in Agriculture and Allied Sciences (AIAAS- 2020)” held at Jawaharlal Nehru University Convention Centre, Delhi (India) from 31st January-01 February 2020.
12. Participated and presented a paper and poster in XVII National Symposium on Enhancement of Farmers’ Income through Management of Animal Genetic Resources Organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB) held at NDVSU-College of Veterinary Science and Animal Husbandry Mhow (M.P.) from 10-11 February 2020.
13. Participated in 7 days' Open Online Training on "Laboratory Animal Breeding and Management" in College of Veterinary and Animal Sciences, Maharashtra Animal and Fishery Sciences University, Nagpur, Parbhani-431402 (M.S.), 18-24th July 2020.
14. Participated in International Webinar on “Present and future trends in conservation and breeding technologies to enhance production in indigenous animals” held on 15/12/2020 organized by the Department of AGB, VCRI, Tirunelveli (Tamil Nadu), India.
15. Participated in Virtual International Conference on "Promising Genetic and Genomic Technologies-Frontier in Selection and Animal Improvement" held on 27- 28 January 2021, conducted jointly by TANUVAS and KVASU
16. Participated in XVIII Annual Convention and National Webinar on “Harnessing Potential of Indigenous Animal Genetic Resources for Enhancement of Productivity and Profitability” on February 11-12, 2021 organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB) and ICAR-National Bureau of Animal Genetic Resources, Karnal 132 001 Haryana.
17. Participated in 28 days Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from February 11 - March 13, 2021 under Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission On Teachers and Teaching and obtained A+.
18. Participated in the International Workshop on “Scientific Writing” organized under Institute Development Plan of National Agricultural Higher Education Project (IDP-NAHEP) on June 23rd & 24th, 2021 (Wednesday & Thursday) from 9.00 to 10.30 AM (IST) at ICAR-National Dairy Research Institute, Karnal, Haryana.
19. Participated in One Week National Training Programme on "Statistical tools in Research and Data Analysis” during August 9th to 14th, 2021 organized by Department of Animal

Genetics and Breeding, College of Veterinary and Animal Sciences, Parbhani, Maharashtra, India.

20. Participated in One week Faculty Development Program on Leading for Achieving Academic Excellence from August 7th to 11th, 2023 under IIM, Amritsar.
21. Participated in Four week Faculty Induction/orientation Programme from 21/02/2024 to 19/03/2024 under Teaching and Learning Centre, Ramanujan College, University of Delhi, Ministry of Education, Malaviya Mission Teacher Training Programme.
22. Participated and presented a paper in the National Seminar on Recent Advances in Animal Science RAASVB 2024 organized by Department of Zoology, Siksha Bhavana (Institute of Science), Visva-Bharati (A Central University), Santiniketan - 731235. Pp: 73. March 07-08, 2024.
23. Participated and presented a paper in the National Conference on “Digital Interventions in Livestock & Sustainable Livelihoods in Hill Ecosystems: Towards Vision Viksit Bharat@2047” held at Department of Agricultural Economics, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, Birbhum, West Bengal during 10-11 January, 2025.
24. Participated and presented a paper in National Seminar on “Recent Trends in Modelling: Emphasis on Statistical Methods and Machine Learning Techniques”, organized by the Department of Agricultural Statistics, Institute of agriculture (Palli Siksha Bhavana), Visva-Bharati, Sriniketan, West Bengal during 15th to 16th February, 2025.
25. Participated in 10 Day Workshop on “Recent Advances in Data Analysis and Application Using R” organized by the Department of Agricultural Statistics, Institute of agriculture (Palli Siksha Bhavana), Visva-Bharati, Sriniketan, West Bengal during 17th to 26th February, 2025.
26. Participated in the one day seminar on “Higher Education at the Crossroads” organized by Internal Quality Assurance Cell (IQAC), Visva-Bharati, Santiniketan on 19th March 2025.
27. Participated in Rashtriya Karmayogi Large Scale Jan Seva Program provided by the Capacity Building Commission with Knowledge Partner- Illumine Knowledge Resources on 4th September, 2025.
28. Participated, served as convenor and presented an oral presentation titled “Comprehensive Evaluation of Tulsi (*Ocimum tenuiflorum*) Supplementation on Performance of Commercial Broiler Chickens” at the National Conference on “Transformative Approaches and Smart Technology in Plant & Animal Health for Sustainable & Climate-Ready Agriculture” held on September 18–19, 2025 organized by Department of Plant Pathology, PSB, Visva-Bharati and AAAS.
29. Participated and presented a poster in the XIX Annual Convention and International Conference on “Precision Animal Breeding through Genomics, Artificial Intelligence and Machine Learning” of Indian Society of Animal Genetics and Breeding (ISAG&B) held on November 13-14, 2025 organized by Department of Animal Genetics and Breeding, West Bengal University of Animal and Fishery Sciences.

MEMBERSHIP OF SCIENTIFIC/PROFESSIONAL BODIES

1. Life Member - Society for conservation of domestic animal biodiversity.
2. Life Member - The Indian Society of Animal Genetic and Breeding, New Delhi.
3. Life Member - Society for Bioinformatics and Biological Sciences.
4. Life Member - Academy for Advancement of Agricultural Sciences.
5. Member - Tripura Veterinary Council, Astabal Veterinary Complex, Agartala - 799001, Regd. No. 230, Date- 13/08/2013.
6. Member - Veterinary Council of India, A-Wing, 2nd Floor, August Kranti Bhawan, Bhikaji Cama Place, New Delhi – 110 066, Regd. No. V.C.I./ 008834, Date- 05/12/2018.

OTHER ACADEMIC ACTIVITIES

1. Rapporteur in 7th International Symposium on Minor Fruits, Medicinal and Aromatic Plants organized by Department of Horticulture & Postharvest Technology, Institute of Agriculture, Visva-Bharati, Sriniketan, West Bengal.
2. Organizer in National Seminar on “Sustainable Agriculture, Rural Development and Future Food Security in India: An Interdisciplinary Approach” organized by Department of Agricultural Economics, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, West Bengal & Agricultural Economics and Social Science Research Association (AESSRA), New Delhi.
3. Convenor in the National Conference on “Transformative Approaches and Smart Technology in Plant & Animal Health for Sustainable & Climate-Ready Agriculture” held on September 18–19, 2025 organized by Department of Plant Pathology, PSB, Visva-Bharati and AAAS.

EXTENSION ACTIVITIES

1. You Tube talk in National webinar on sheep & goats under Sathyazero grazing (associated with ISSGPU, NARI, KVA-Karnataka & CSA - Hyderabad). Topic: **Selection of Sheep & Goats for establishing a breeder farm.** <https://youtu.be/xoBv21ITbfM>
2. Delivered a lecture at the Pre-Kharif Campaign on Bharat Krishi Jagran Yatra under Rathindra Krishi Vigyan Kendra on 9th June, 2025.
3. Delivered Radio talk on Akashvani on the topic “Kishanvani: Barsha Kalin Gabadi Pashur Poricharja o Prani Palan” on 29th July, 2025

EXTRACURRICULAR ACTIVITIES

1. Tripura State Level Children’s Science Congress 2001, National Council for Science & Technology Communication, Department of Science & Technology, Govt. of India, Focal Theme: Indigenous Scientific Knowledge for a better tomorrow. 14th -15th October, 2001

2. State Science Seminar 2002 on Remote Sensing Applications for National Development: Potential & Impediments, Birla Industrial & Technological Museum Kolkata, State Council of Educational Research & Training, Govt. of Tripura. 24th September, 2002
3. State Level Science Seminar 2003 on Powered Flight: Century of Innovation and Future of Aviation, State Council of Educational Research & Training, Govt. of Tripura, Birla Industrial & Technological Museum Kolkata. 21th August, 2003
4. Celebration of National Consumer Day, State NSS Cell, Department of Education (Higher), Govt. of Tripura, Deptt. of Food, Civil Supplies & Consumer Affairs, Govt. of Tripura. 24th December, 2006.
5. Involvement in Green Revolution Global Certification Program, an initiative by International Center for Culture & Education to Educate, Inspire & Act Against Climate Change.
6. Participated in Swachh Bharat Abhiyan, Animal Genetics & Breeding Division, ICAR-NDRI, Karnal-132001, Haryana.
7. First position in Essay Competition on the topic “Work Ethics and Value System” under the Category of Teachers and Scientists held at Birsa Agricultural University, Ranchi on 41st Foundation Day’ 26th June, 2021
8. Participated as Co-Organizer in Organization of The Zenith-1: Career Guidance After B.V.Sc. For Pursuing PG Abroad With Scholarship, Exclusively for Undergraduate Students of Ranchi Veterinary College, Birsa Agricultural University, Kanke, Jharkhand, 834006, 29th May, 2021

DECLARATION

I hereby declare that all the information given above here is true and correct to the best of knowledge.



Date: 21-11-2025
Place: Santiniketan

Signature of applicant
Name: Dr. Rebeka Sinha