**CURRICULUM VITAE**

**Dr. Aman Rathaur**

Assistant Professor

School of Advanced Agriculture Sciences & Technology,

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**Education/Qualifications:**

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| **Degree of** | **University/Board/Institute** | **Year** |
| **Ph.D. in****A. H. & Dairying (Livestock Production Management)** | Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh | 2022 |
| **M.Sc. (Ag.) in** **A. H. & Dairying (Livestock Production Management)** | Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, Uttar Pradesh | 2016 |
| **B.Sc. (Ag.) Honors**  | CCS PG College Etawah Affiliated to CSJM University, Kanpur, Uttar Pradesh | 2014 |
| Field of specialization: **Animal Science, Dairy Science and Food Science** |

**Honors / Awards:**

* 2017 | National UGC-BHU Fellowship in Ph.D.
* 2021 | Best Oral Presentation Award | Agriculture and Environment Technology Development Society (AETDS)
* 2020 | Best Poster Presentation Award | National WEBCON.
* 2019 | Best Poster Presentation Award | Agriculture and Environment Technology Development Society (AETDS)
* 2021 | Joint Organizing Secretary | Agriculture and Environment Technology Development Society (AETDS)
* 2023 | Young Scientist | Kalash Research and Welfare Society

**Lifetime Member**

* Animal Nutrition Association
* Indian Society of Animal Production and Management
* Agriculture and Environment Technology Development Society

**Publications**

**Research Articles**

* **Rathaur, A.**, Rai, D. C., Yadav, A. K., Upadhyay, P. K., Patel, V., & Singh, U. P. (2024). Growth performance, meat quality and hematological parameters of broiler chickens fed safflower seed. Tropical Animal Health and Production, 56(2), 89. <https://doi.org/10.1007/s11250-024-03927-x>
* **Rathaur, A.**, Rai, D.C., Agrawal, A., Tripathi, A.D. (2023). Effect of Dietary Supplementation of Safflower (Carthamus tinctorius L.) Seed on the Growth Performance, Blood Lipid and Meat Quality of Broiler Chickens. Indian Journal of Animal Research, 57(6): 742-748. <https://doi.org/10.18805/IJAR.B-4807>
* **Rathaur, A.**, Rai, D.C., Bhateshwar, V., Singh, U.P. (2022). Effect of dietary supplementation of linseed (Linum usitatissimum) on the growth performance and lipid profile of broiler chickens. Indian Journal of Animal Science, 92(8): 1024-1026. <https://doi.org/10.56093/ijans.v92i8.122495>
* **Rathaur, A.,** Rai, D.C., Prakash, V., Yadav, A.K. (2022). Effect of dietary supplementation of safflower (Carthamus tinctorius L.) seed on the carcass traits, nutrient utilization, economics cost and blood biochemical of broiler chickens. Animal Nutrition & Feed Technology, 23: 469-478. <https://doi.org/10.5958/0974-181X.2023.00039.2>
* **Rathaur, A.**, Rai, D.C., Yadav, A.K., Singh, U.P. (2022). Effect of dietary supplementation of linseed (Linum usitatissimum L.) on fatty acid profile and meat quality of broiler chickens. Annals of Phytomedicine, 11(1): 731-738. <https://doi.org/10.54085/ap.2022.11.1.88>
* **Rathaur, A.** Rai, D.C., Upadhyay, P.K., Patel, V. (2022). Growth performance, carcass traits, nutrient utilization, and economic cost of broiler chickens fed diet supplemented with linseed. Indian Journal of Poultry Science, 57(3): 251-256. <https://doi.org/10.5958/0974-8180.2022.00043.5>
* Bhateshwar, V., Rai, D. C., Duary, R. K., **Rathaur, A.,** & Singh, U. P. (2022). Effect of Supplementation of β-carotene on Milk Yield and Compositions, Somatic cell count, Dry Matter Intake, Nutrients Digestibility and Nutrient Execration in Lactating Crossbred Sahiwal Cows. Indian Journal of Dairy Science, 74(3) 238-243. <https://doi.org/10.33785/IJDS.2021.v74i03.007>
* Singh, B., Yadav, M. P. S., Yadav, P., Prakash, V., Rai, D. C., & **Rathaur, A**. (2024). Development of Chhana Spread by Incorporating Moringa (Moringa oleifera L.) Leaves Extract as a Source of Antioxidants and Phenolics. Asian Journal of Dairy and Food Research, 43(1): 142-147. <https://doi.org/10.18805/ajdfr.DR-2082>
* Singh, U.P., Rai, D.C., **Rathaur, A.**, Patel, V. (2022). Development of functional shrikhand incorporated with flaxseed (Linum usitatissimum L.) oil microcapsules. Annals of Phytomedicine, 11(1): 745-750. https://doi.org/[10.54085/ap.2022.11.1.90](http://dx.doi.org/10.54085/ap.2022.11.1.90)
* P.K. Gupta, R.K. Pandey, Rajendra Panta, L.K. Tinde, **Aman Rathaur (2024)** Effect of Storage Temperature on Microbiological Quality of Optimized Almond Supplemented Paneer Kheer was conducted to detect the relationship between storage temperature and storage period. Asian Journal of Dairy and Food Research, 43(2): 210-215. <https://doi.org/10.18805/ajdfr.DR-1852>
* Yadav, A. K., Rai, D. C., & **Rathaur, A.** (2024). Process Optimization for the Development of Ashwagandha Root Extract Enriched Shrikhand Using Response Surface Methodology. J Food Chem Nanotechnol, 10(S1), S47-S56. <https://doi.org/10.17756/jfcn.2024-s1-007>
* Patel, V., Rai, D.C., Singh, U.P., **Rathaur, A.**, (2022). Development of functional ice cream using niger (Guizotia abyssinica (L.f.) Cass.) seed oil microcapsules. Annals of Phytomedicine, 11(1): 588-594. <https://doi.org/10.54085/ap.2022.11.1.68>
* Shah, R. P., Paswan, V. K., Alolofi, A. M. A., Abdelrazeq, A. M., & **Rathaur, A**. (2019). Dietary Supplementation of Mannan-Oligosaccharide on Carcass Traits and Physico-Chemical Attributes of Meat of Broiler Chickens. International Journal of Livestock Research, 9(7): 57-64. <https://doi.org/10.5455/ijlr.20190423111516>
* Kumar, B., Meena, S., **Rathaur, A.**, Rai, D. C., Meena, K. K., Prakash, V., & Raj, N. (2023). Development of fiber-enriched probiotic goat milk dahi by incorporating black carrot (Daucus carota subsp. sativus) pomace powder. Annals of Phytomedicine, 12(2), 930-936. https://doi.org/[10.54085/ap.2023.12.2.110](http://dx.doi.org/10.54085/ap.2023.12.2.110)
* Vinod Bhateshwar, Mahesh Datt, Ganesh Ram Jat, Pankaj, **Aman Rathaur** and Hitesh Muwal (2018). Effect of Different Levels of Concentrate Mixture on Yield and Composition of Milk and Lactation Length in Sirohi Goats. International Journal of livestock Research, 8(12): 113-119. <https://doi.org/10.5455/ijlr.20180416095835>
* **Rathaur, A**., Prakash, V., Yamini, S., Yadav, S. P., & Singh, S. J. (2020). Effect of low cost herbal combination and tri-sodium citrate treatment in subclinical mastitis affected crossbred dairy cow. The Pharma Innovation, 9(5): 132-135.
* **Rathaur, A**., andPrakash., V. Gupta, P. K., Singh., S. J., and Bhateshwar., V. (2020) Effect of Subclinical Mastitis in Compositional Change in Blood Parameters of Crossbred Dairy Cow. *International Journal of Chemical Studies* 8(2): 10-12.
* **Rathaur, A.** (2020). Effect of immuno-potentiating herbal agents on milk and haematological parameter of subclinical mastitis affected crossbred dairy cow. *Journal of Pharmacognosy and Phytochemistry*, *9*(2), 2380-2383.
* Gupta, P. K**.,** Pandey, R. K., Andhare, B. and **Rathaur, A**. (2020) Studies on Sensorial and Physico-chemical Properties of Optimized Almond Supplemented *Paneer Kheer*, *Journal of Pharmacognosy and Phytochemistry* **9**(1): 126-131.

**Review Articles**

* Rai, D.C., **Rathaur, A.**, Yadav, A.K., Shraddha (2022). Nutritional and nutraceutical properties of goat milk for human health: A review. Indian journal of Dairy Science, 75(1): 1-10. <https://doi.org/10.33785/IJDS.2022.v75i01.001>
* Prakash, V., **Rathaur, A**., Rai, D. C., & Singh, S. J. (2022). Role of nanotechnology in mastitis treatment for dairy cows: a mini review: Nanotechnology in mastitis treatment. Letters In Animal Biology, 2(2), 29-34. <https://doi.org/10.62310/liab.v2i2.95>
* Kanetkar, P., Paswan, V. K., Rose, H., Shehata, A. M., Felix, J., Bunkar, D. S., **Rathaur, A.** S., Yamini, & Bhinchhar, B. K. (2023). Appraisal of some ethnic milk products from minor milch animal species around the world: A review. Journal of Ethnic Foods, 10(1), 40. <https://doi.org/10.1186/s42779-023-00205-3>
* Zeenat Aman, Sadhna Singh, **Aman Rathaur**, Ashok Kumar Yadav, Rai, D. C., & Upadhyay, P. K. (2024). Current scenario of geriatric nutrition and health correlates: The silver age review. Annals of Phytomedicine: An International Journal, 13(1): 146-157. <https://doi.org/10.54085/ap.2024.13.1.14>

**Book chapters:**

* Gupta, A., Yadav, A. K., Rai, D. C., & **Rathaur, A.** (2024). TRANSFORMATION OF AGRICULTURAL AND FOOD WASTE INTO NANOPARTICLES FOR BIOFUEL PRODUCTION. Futuristic Trends in Agriculture Engineering &amp; Food Sciences Volume 3 Book 14, 62–87. <https://doi.org/10.58532/v3bcag14p4ch2>
* Kumar Paswan, V., Rose, H., Shekhar Singh, C., Yamini, S., & **Rathaur, A.** (2021). Herbs and Spices Fortified Functional Dairy Products. Herbs and Spices - New Processing Technologies. <https://doi.org/10.5772/intechopen.98775>
* **Rathaur, A** **(2021).** An Appraisal of Extension Education Activities in Animal Husbandry Sector by Learning Media Publication, pp: 296-308.
* **Rathaur, A**., Yadav, S. P., Jain, V.K., **Gupta, P. K.** & Kumar., V. (2019). Processing of Meat from Livestock, by *Bharti publications*, Delhi. Pp: 283-290.
* **Rathaur, A.,** Pandey, R. K.Gupta, P. K. & Chauhan, A.K. (2019). Balanced Diet for Livestock Productivity: An Indian Perspectivepublished by Weser Books Zittau, Germany in the book of “New Dimension for Crop Sciences”, pp 201-205.
* Gupta, P. K**.,** Yadav, S. P., Chauhan, A.K. & **Rathaur, A**. (2018). “Role of Dairy Sciences in Enhancing Farmers Income through Value Added Products, Published by *Bharti publications*, Delhi. Pp: 262-266.
* Gupta, P. K**.,** Yadav, S. P., Ram., M. Srivastav., S. **Rathaur., A**. & Panta, R. (2020). Ruminant Animals Producing Detrimental Green House Gases (GHGs) in the Environment and their Scientific Controls. This chapter will be publishing in book title **“**Higher Education and Sustainable Development: Importance Scope and Challenges”. **Accepted and under publishing.**
* Kumar A., **Rathaur A**., Kumar Ankit (2019). “Principles of Preservation by Heat, Low Tempreature and Chemicals. *Bharti publications*, Delhi. Pp: 307-310.
* Kumar. V, **Rathaur. A** (2019). “Seed priming enhanced seed performance in climate change condition”. Bharti Publication. pp199-207.

**Training Attended**

* 7 Days workshop on Setting up of Small Scale Food Processing Units. Organized by Banaras Hindu University.
* One month workshop on Food Preservation Organized by Department of Horticulture and Food preservation, UP.
* 15 Days workshop on Fruit and Vegetable Preservation Organized by Department of Horticulture and Food preservation, UP.
* 05 Days workshop on “Value addition in milk, fruit & vegetable: a success mantra for agripreneurs. Organized by Anand Agricultural University.

**Edited Book:**

* Mahesh Dutt, Dinesh Chandra Rai, Vinod Bhateshwar and **Aman Rathaur** (2021). Recent Research Trends in Animal Husbandry and Dairying: Unlocking the power of Animals. Learning Media Publication, Meerut, U.P. India. Pages: 249. ISBN: 978-93-91872-27-4.

**Seminar:** National 10 International 5

**AGMOOCs:**

**(Agricultural Massive Open Online Courses)**

Online Courses Certificate issue from Centre for Development of Technical Education, IIT, Kanpur & Commonwealth of Learning (COL) Canada.

* **Fundamental of Agricultural Extension** an **Eight Week** Online Course, April 2018.
* **Functional Foods: Employment Generation among Rural Youth through Agripreneurship,** a **Six Week** Online Course, 14June. 2020.

**Computer Course Certificate:**

* **One Year** Diploma in Computer Course issued from Shri Bala Ji Computer & shorthand/typing training Centre, Govt. of U.P.

Course on Computer Concepts **(CCC)** certificate issued from NIELIT, Regional Centre, Gorakhpur, UP, India.

**Thanks and Regards**

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