

Curriculum Vitae

Shahzad Ashraf

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Summary of Qualification

Year	Degree Obtained	Institute	Marks obtained
2020	PhD Animal Nutrition	Institute of Animal and Dairy Sciences, University of Agriculture Faisalabad	CGPA 3.68/4.00
2016	MSc (Hons) Animal Nutrition	Institute of Animal and Dairy Sciences, University of Agriculture Faisalabad	CGPA 3.55/4.00
2013	DVM	University College of Veterinary and Animal Science, The Islamia University of Bahawalpur, Bahawalpur	CGPA 3.49/4.00
2008	FSc (Pre-Medical)	Government Degree College, Yazman, District Bahawalpur	777/1100 Grade A
2005	Matric (Science Group)	Government High School, Yazman, District Bahawalpur	535/850 Grade B

Professional Work Experience

April 2019– present

Product Manager/Team Lead – Feed Tech Division, Ghazi Brothers, Pakistan.

Job Responsibilities:

- Closely worked with livestock farmers and feed millers to provide the optimum solutions related to cost-effective and optimized feed production
- Develop core positioning of the different feed additive products as per product strategy and road map
- Manage and oversee company seminar/training program for promotion of key products
- Executing research trials of feed additives products in different scenarios

January 2017 to March 2019

Nutrition Manager – Moon Star Feeds, Five Star Industries, Chinot, Pakistan

Job Responsibilities:

- In this position, I was responsible for providing the technical support on feed formulation of poultry and dairy animals.

- Provide technical services to farmers of Punjab and KPK for feeding management of dairy and beef animals at different physiological stages.
- August 2017 to January 2018** **Teaching Assistant** - Institute of Animal and Dairy Sciences, University of Agriculture Faisalabad, Pakistan
Job responsibilities:
- Assist the Senior Teachers/Professors in practical classes/training of undergraduate students of Veterinary, Animal and Agriculture Sciences
- June 2013 to September 2014** **Assistant Manager (Production)** - Shamim Feed Industries, Bahawalpur, Pakistan.
Job responsibilities:
- Oversees product and manufacturing procedures to verify conformance to the high standards of feed quality in collaboration with Production Manager/Nutritionist.

Professional Trainings

Date	Training	Organization
October, 2018 to November, 2018	Hands-on-Training on Atomic Absorption Spectroscopy	Central Hi-Tech Laboratory, University of Agriculture Faisalabad, Pakistan.
February 2013 to May 2013	Internship (Dairy Farming)	ProFarm Pakistan, Lahore, Pakistan.
June 2012 to September 2012	Artificial Insemination and Breeding Management	Artificial Insemination Center, Yazman, Pakistan.
June 2011 to September 2011	Animal Health	Civil Veterinary Hospital, Yazman, Pakistan.

Awards and Achievement

- Travel grant by World Poultry Science Association for oral presentation at Poultry Nutrition Symposium, Bangkok, Thailand. (Postponed due to COVID-19)
- Won research grant (Rs 3 Lac) from Arms and Hammer Animal Nutrition, USA and UM Enterprises for MSc research.
- Certificate of appreciation from the office of Senior Tutor- University of Agriculture Faisalabad for 3rd LayallPur Art and Literature Festival, 2015.
- Certificate of appreciation from ProFarm Pakistan for good work during internship.
- Second position in Poster Competition on Vets for Society, on World Veterinary Day April 29, 2011 organized by University College of Veterinary and Animal Science, The Islamia University of Bahawalpur, Bahawalpur.

Research Publications

Papers published in peer reviewed Journals

1. Shoaib, M., S. A. Bhatti, H. Iqbal, **Shahzad Ashraf**, N. U. Sahar, M. M. A. Hamid, M. Asim and M. Hussain. 2022. Production efficiency, nutrient digestibility and meat quality of broilers reared on different fat sources and emulsifiers. Turkish Journal of Veterinary and Animal Sciences, (Accepted). DOI: 10.3906/vet-2110-15. Impact factor 0.691.
2. **Ashraf, S.**, S. A. Bhatti, H. Nawaz and M. S. Khan. 2020. Assessment of dietary selenium sources in commercial male broiler breeders: Effects on semen quality, antioxidant status and immune responses. Pakistan Veterinary Journal, 40: 13-18. Impact factor 1.390.
3. **Ashraf, S.**, S.A. Bhatti, Z. Kamran, F. Ahmed and S.U. Rahman. 2019. Assessment of refined functional carbohydrates as substitution of antibiotic growth promoters in broilers: effects on growth performance, immune responses, intestinal micro-flora and carcass characteristics. Pakistan Veterinary Journal, 39: 157-162. Impact factor 1.390.
4. Iqbal, Z., Z. Kamran, J. I. Sultan, A. Ali, S. Ahmad, M. I. Shahzad, U. Ahsan, **S. Ashraf** and M. U. Sohail. 2015. Replacement effect of vitamin E with grape polyphenols on antioxidant status, immune, and organs histopathological responses in broilers from 1- to 35-d age. Journal of Applied Poultry Research, 24:127–134. Impact factor 0.576
5. Iqbal, Z., R. Ali, J. I. Sultan, A. Ali, **S. Ashraf** and U. Ahsan. 2014. Impact of replacing grape polyphenol with vitamin E on growth performance, relative organs weight and antioxidant status of broiler. Journal of Animal and Plant Sciences, 24:1579-1583. Impact factor 0.638
6. **Ashraf, S.**, H. R. Chaudhry, M. Chaudhry, Z. Iqbal, M. Ali, T. Jamil, N. Sial, M. I. Shahzad, F. Basheer, S. Akhter, S. H. U. Rehman and A. Yasin. 2014. Prevalence of common diseases in camels of Cholistan desert, Pakistan. Journal of Infection and Molecular Biology, 2:49 – 52.
7. **Ashraf, S.**, Z. Iqbal, M. Ali, H. R. Chaudhry, N. Sial, U. Ahsan, A. Ali and M. Z. Asif. 2014. Seasonal prevalence of *Fasciola hepatica* infection in buffaloes of Bahawalpur District of Punjab, Pakistan. Journal of Infection and Molecular Biology, 2:30-31.
8. **Ashraf, S.**, H. R. Chaudhry, Y. S. Mustafa and T. Jameel. 2013. The effect of phytase enzyme on the performance of broilers (Review). Biologia (Pakistan), 59:99-106.
9. **Ashraf, S.**, H. R. Chuadry, U. Farooq, Y. S. Mustafa, H. Fatima and S. Akhter. 2013. Prospective of dairy farming in Cholistan. Science International, 25:345-346.
10. Ali, M., N. Sial, **S. Ashraf** and A. Hasanat. 2013. A survey of subterranean Termite (isoptera) Fauna and its population diversity in district Bahawalpur. Standard Scientific Research and Essays. 1:289-293.
11. Ahsan, U., H. R. Chaudhry, Y. S. Mustafa, **S. Ashraf**, I. Raza and T. Jamil. 2013. Bacteriology of sub-clinical mastitis in the dairy buffaloes maintained at private farms of Yazman, Distt. Bahawalpur. Biologia (Pakistan) 59:259-262.
12. Haider, M. K., N. Sial, M. Ali, **S. Ashraf**, A. Hasnat and Riaz-ul-Din. 2013. Effect of *Tilapia mossembica* stocking on larval growth of mosquitoes with special reference to Toaedes Mosquitoes in village ponds of tehsil Yazman, Pakistan. Journal of Ecology, 107:277-281.

Abstracts/Poster Presentations/Oral Presentations

1. **Ashraf, S.**, S. A. Bhatti, Faiz-ul-Hassan, M. S. U. Rehman, N. U. Sahar, M. Shoaib and M. Yousaf. Enrichment of poultry eggs with omega-3 fatty acids as functional food through dietary manipulations. 3rd WPSA International Layer Quality Conference at Institute of Animal and Dairy Sciences, University of Agriculture, Faisalabad Pakistan. October 23-24, 2019. pp 18
2. Shoaib, M., N. U. Sahar, **S. Ashraf**, M. M. Javaid, S. A. Bhatti. Preservation of shell-eggs and open-out eggs. 3rd WPSA International Layer Quality Conference at Institute of Animal and Dairy Sciences, University of Agriculture, Faisalabad Pakistan. October 23-24, 2019. pp 19
3. Tahir, A. S., N. A. Tauqir, M. Yousaf, S. A. Bhatti, **S. Ashraf** and M. Riaz. Effect of replacing cotton seed cake on milk production and nutrients digestibility in lactating Nili-Ravi Buffaloes. International Buffalo Congress at Hotel Pearl Continental Lahore Pakistan. February 18-20, 2019. pp 42.
4. **Ashraf, S.**, S. A. Bhatti, H. Nawaz and M. S. Khan. Effects of dietary selenium sources in broiler breeder on day-old chick quality parameters. National Poultry Symposium on Health and Welfare, organized by World's Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018. pp 29
5. **Ashraf, S.**, S. A. Bhatti, H. Nawaz and M. S. Khan. Effects of maternal dietary selenium sources on carcass and meat quality parameters of subsequent broiler progeny. National Poultry Symposium on Health and Welfare, organized by World's Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018. pp 55
6. Gulzar, S., S. A. Bhatti, **S. Ashraf**, M. A. Rehman and F. Ahmed. Effect of phytase supplementation with various levels of phosphorus on growth performance, carcass characteristics, bone mineralization and serum phosphorus level in broilers. National Poultry Symposium on Health and Welfare, organized by World's Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018. pp 21
7. Yousaf, W., S. A. Bhatti, M. Shoaib, **S. Ashraf**, T. Mahmood and N. U. Sahar. Effect of organic acid as replacement of antibiotic growth promoter on growth performance, carcass characteristics and immune response in broilers. National Poultry Symposium on Health and Welfare, organized by World's Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018. pp 22
8. Subhani, A., S. A. Bhatti, G. Ahmad, T. Mahmood, **S. Ashraf** and N. Sahar. Effect of flaxseed on omega-3 fatty acid composition, sensory evaluation, quality of eggs and production performance in layers. National Poultry Symposium on Health and Welfare, organized by World's Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018. pp 32.
9. Shoaib, M., M. Sharif, N. U. Sahar, **S. Ashraf** and S. A. Bhatti. Effect of feed form and different pelleting temperatures on growth performance in broilers. National Poultry Symposium on Health and Welfare, organized by World's Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018. pp 55.
10. Bhatti, S. A., M. K. Qadeer, M. S. Khan, H. Nawaz, **S. Ashraf**. Incidence of calf scours in Friesian calves raised on milk or milk replacer under Pakistani environment.

- International Conference on Dairy Animal Health Challenges, organized by Faculty of Veterinary Sciences, University of Agriculture, Faisalabad. January 17-18, 2018. pp 42
11. Shahzad, K., S. A. Bhatti, M. A. Sultan, M. Sharif, M. Q. Bilal, **S. Ashraf**. Effect of moringa leaves on milk production and composition in Nili-Ravi buffaloes and Sahiwal cows. International Conference on Dairy Animal Health Challenges, organized by Faculty of Veterinary Sciences, University of Agriculture, Faisalabad. January 17-18, 2018. pp 43
 12. Sahar, N. U., H. Nawaz, S. A. Bhatti, T. Mahmood, **S. Ashraf**, M. Shoaib. Dry Yeast (*Saccharomyces cerevisiae*) in Japanese Quails nutrition: the dynamics of growth performance, carcass characteristics and economic evaluation. International Conference on Poultry Processing. Organized by Department of Poultry Production, University of Veterinary and Animal Sciences, Lahore. November 1-2, 2017. pp 59.
 13. **Ashraf, S.**, S. A. Bhatti, Z. Kamran, F. Ahmad, N. U. Sahar, M. Shoaib. Effect of replacing antibiotic growth promoters with yeast derived carbohydrates on growth performance, nutrients efficiency, gut microbiota and carcass characteristics of broilers. International Conference on Poultry Processing. Organized by Department of Poultry Production, University of Veterinary and Animal Sciences, Lahore. November 1-2, 2017. pp 58.
 14. **Ashraf, S.**, S. A. Bhatti, Faiz-ul-Hassan, N. U. Sahar, M. Shoaib. Enrichment of poultry meat with omega-3 fatty acids as functional food through dietary manipulations. International Conference on Poultry Processing. Organized by Department of Poultry Production, University of Veterinary and Animal Sciences, Lahore. November 1-2, 2017. pp 88.
 15. Hayat, M. N., H. Nawaz, **S. Ashraf**, F. Ahmed, N. U. Sahar. Effect of organic acids supplementation on growth performance and carcass characteristics in Japanese quails (*Coturnix japonica*). International Conference on Foods of Animal Origin, organized by National Institute of Food Science and Technology, University of Agriculture, Faisalabad. March 30-31, 2017. ICFAO-P-101.
 16. Bhatti, S. A., **S. Ashraf**, M. K. Qadeer, A. Subhani. Enrichment of Poultry Meat and Eggs with Omega-3 Fatty Acids as Functional Food through Dietary Manipulations: A New Horizon for Processed Food Entrepreneurs International Conference on Foods of Animal Origin, organized by National Institute of Food Science and Technology, University of Agriculture, Faisalabad. March 30-31, 2017. ICFAO-O-54.
 17. **Ashraf, S.**, S. A. Bhatti, F. Ahmad. Production of Antibiotics Free Chicken Using Yeast Products as Growth Promoters. International Conference on Foods of Animal Origin, organized by National Institute of Food Science and Technology, University of Agriculture, Faisalabad. March 30-31, 2017. ICFAO-P-5.
 18. Mustafa, Y. S., S. A. Khan, H. R. Chaudary, T. Jamil, **S. Ashraf**. "Biometry and Pathology of Internal Genital Organs of Female Camel (*Camelus dromedaries*) in Lahore, Pakistan". International Camel Conference, December 19-21, 2013. pp. 55
 19. **Ashraf, S.**, M. Ali, Z. Iqbal, H. R. Chaudary, H. Fatima and I. Raza. "Prevalence of Common Diseases in Camels of Cholistan Desert, Pakistan". International Camel Conference, December 19-21, 2013. pp. 64
 20. **Ashraf, S.**, M. Ali, H. R. Chaudary, M. Riaz and F. Bashir. "Quality Analysis of Camel Milk". International Camel Conference, December 19-21, 2013. pp. 77

21. Riaz, M., **S. Ashraf**, M. Ali, Z. Batool, Z. Iqbal, M. I. Shahzad and M. A. Majeed. "Migratory Patterns in Camels of Cholistan: Breed Dependent Specifications". International Camel Conference, December 19-21, 2013. pp. 75
22. **Ashraf, S.**, M. Ali, H. R. Chaudary, M. Z. Asif, Z. Iqbal, U. Ahsan, I. Raza and H. Fatima. "*Fasciola Hepatica* Infestation in Buffalos in Bahawalpur District of Punjab, Pakistan". 2nd International Workshop on Dairy Science Park, Agriculture University Peshawar. November 18-20, 2013. pp 74.
23. Ahsan, U., H. R. Chaudary, **S. Ashraf**, I. Raza and T. Jamil. "Bacteriology of Sub-Clinical Mastitis In Dairy Buffaloes Maintained At Private Farms Located In Urban And Peri Urban Areas of Yazman". 2nd International Workshop on Dairy Science Park, Agriculture University Peshawar. November 18-20, 2013. pp 75.
24. **Ashraf, S.**, H. R. Chaudary, M. Ali, Z. Iqbal, M. Riaz and F. Bashir. "Quality Evaluation of Raw Milk Sold In Bahawalpur District of Punjab, Pakistan". 2nd International Workshop on Dairy Science Park, Agriculture University Peshawar. November 18-20, 2013. pp 85.
25. **Ashraf, S.**, H. R. Chuadry, U. Farooq, H. Fatima, S. Akhter. "Prospective of dairy farming in cholistan". International Workshop on Dairy science Park, Agriculture University Peshawar. Nov 21-23, 2011. pp 49
26. Chaudhry, H. R., M. Chaudhry, T. Jameel, **S. Ashraf** and M. Sufyan. Evaluation of microbiological quality of boiled and raw milk sold in the markets of Bahawalpur. International Workshop on Dairy science Park, Agriculture University Peshawar. Nov 21-23, 2011. pp 54
27. Chaudhry, H. R., Abdusamad, M. Chaudhry, H. B. Rashid, H. Riaz and **S. Ashraf**. "Variation in milk prices at collection and retailer shops in Bahawalpur." International Workshop on Dairy science Park, Agriculture University Peshawar. Nov 21-23, 2011. pp 66
28. **Ashraf, S.**, H. R. Chaudhry, H. Fatima and F. Bashir. "Problems of dairy farming in cholistan". International Workshop on Dairy science Park, Agriculture University Peshawar. Nov 21-23, 2011. pp 67.

Talks delivered:

- "Optimization of production performance in parent stocks with the use of Organic Trace Minerals" at Technical Seminars on Tools for Optimized and Efficient Feed Production for Poultry Birds, organized by Novus International & Ghazi Brothers at Multan, Karachi & Hyderabad Pakistan. December 01-02, 2021.
- "Use of Exogenous Feed Pigments for Egg Yolk Pigmentation – A New Innovation Tool" at 30th All Pakistan Food Science Conference at The University of Lahore, Pakistan. December 10-11, 2019.
- "Effect of replacing cotton seed cake on milk production and nutrients digestibility in lactating Nili-Ravi Buffaloes" at International Buffalo Congress at Hotel Pearl Continental Lahore Pakistan. February 18-20, 2019.
- "Effects of dietary selenium sources in broiler breeder on day-old chick quality parameters" at National Poultry Symposium on Health and Welfare, organized by World's Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018.

- “Effect of flaxseed on omega-3 fatty acid composition, sensory evaluation, quality of eggs and production performance in layers” at National Poultry Symposium on Health and Welfare, organized by World’s Poultry Science Association at PMAS Arid Agriculture University Rawalpindi Pakistan. December 11-12, 2018.
- “Production of antibiotics free chicken using yeast products as growth promoters” at International Conference on Foods of Animal Origin, organized by National Institute of Food Science and Technology, University of Agriculture, Faisalabad. March 30-31, 2017.
- “Enrichment of Poultry Meat and Eggs with Omega-3 Fatty Acids as Functional Food through Dietary Manipulations: A New Horizon for Processed Food Entrepreneurs” at International Conference on Foods of Animal Origin, organized by National Institute of Food Science and Technology, University of Agriculture, Faisalabad. March 30-31, 2017.
- “Production of antibiotic free chicken using yeast products as growth promoters” at National Workshop on “Organic Food and Health: Avenues of Innovation and Entrepreneurship” organized by Pakistan Council of Science and Technology at University of Management and Technology, Lahore, Pakistan. August 29, 2016.

Professional Certification

- Registered Veterinary Medical Practitioner with Pakistan Veterinary Medical Council

Membership of Societies/Organizations

- Member of World Poultry Science Association – Pakistan Branch
- Member of Pakistan Society of Food Scientists and Technologists
- Society of Animal Sciences, Faculty of Animal Husbandry, University of Agriculture Faisalabad

Key Skills:

- Proficient with a vast array of computer programs including Brill Formulation Software, In-Page, Microsoft Office, Power BI, CRM etc.
- Expertise in Documentation/ Report Writing
- Highly research oriented fellow
- Strong Communication and Inter-personal Skills
- Eager to learn new things.

Conferences/Workshops Attended

- Participated in more than forty International/National Conferences, Symposia, Seminars, Workshops, Exhibitions and Congress, related to Poultry, Dairy, Livestock, and Food Sciences.

References:

- **Dr. Shaukat Ali Bhatti**
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Further references and certificates can be furnished on demand