

Curriculum Vitae

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Designation: Professor

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Students Supervised

PhD

- | | |
|---|----|
| 1. As a Major Supervisor/Co-Supervisor: | 02 |
| 2. As Member: | 02 |

MSc (Hons.)/M.Phil.

- | | |
|---------------------------|----|
| 1) As a Major Supervisor: | 47 |
| 2) As Member: | 60 |

Currently Students under supervision

- | | |
|---|----|
| 1. As Major Supervisor (MSc (Hon.)/M.Phil.): | 9 |
| 2. As Supervisory Committee Member (MSc (Hons.)/M.Phil.): | 10 |
| 3. As Major Supervisor (PhD Student) | 04 |
| 4. Member of PhD Student Supervisory Committee | 03 |

Impact Factor Publications

1. Muhammad G., M. Sarwar and **M. Sharif**. 2009. Working conditions and nutritional aspects of pneumatic cart pulling camels in Faisalabad metropolis. **J. Camel Prac. Res.** 16: 183-187.
2. Nisa, M., M. A. Shahzad, M. Fahad, **M. Sharif** and M. Sarwar, 2009. Nutritional profile, in situ nutrient digestibility and in kinetics of five Sadabahar varieties harvested at different stages in buffalo bulls. *Pak. J. Zoology*. 9:721-726.
3. **Sharif, M.**, M. A. Shahzad, M. Nisa and M. Sarwar. 2010. Influence of varying levels of dietary cation anion difference on nutrient intake, ruminal characteristics, nitrogen metabolism and in situ digestion kinetics in Nili Ravi buffalo bulls. **Anim. Sci. J.** 81: 657–665.
4. **Sharif, M.**, M. A. Shahzad, M. and M. Sarwar. 2010. Dietary Cation Anion Difference: Impact on Productive and Reproductive Performance in Animal Agriculture. *African J. Biotechnol.* 9: 7976-7988.
5. Khan, M.L., **M. Sharif**, M. Sarwar, Sameea and M. Ameen. 2010. Chemical composition of Different Varieties of Linseed. *Pak. Vet. J.* 30: 79-82.
6. Sarwar, M., M.A. Shahzad, M. Nisa, D. Afzal, **M. Sharif** and H.A. Siddiqi. 2011. Feeding value of urea molasses-treated wheat straw ensiled with fresh cattle manure for growing crossbred cattle calves. **Trop. Anim. Health Prod.** 54: 543-548.
7. Shahzad M.A., **M. Sharif**, M. Nisa, M. Sarwar, M. F. Khalid and H. A. Saddiqi. 2011. Changing certain dietary cationic and anionic minerals: Impact on blood chemistry, milk fever and udder edema in buffaloes during winter. *African J. Biotechnol.* 10:13651-13663.

8. **Sharif, M.**, M.A. Shahzad, S. Rehman, S. Khan, R. Ali, M.L. Khan and K. Khan. 2012. Nutritional evaluation of distillery sludge and its effect as a substitute of canola meal on performance of broiler chickens. **Asian-Aust. J. Anim. Sci.** 25: 401-409.
9. **Sharif, M.**, M. A. Shahzad, M. Nisa, M. Sarwar. 2012. Nutrients intake and ovarian profile as affected by cationic anionic diets in Nili-Ravi buffaloes in winter. *J. Anim. Plant Sci.* 22: 305-311.
10. **Sharif, M.**, M. Idrees, M.A. Shahzad, N.A. Tauqeer, M. Nisa, M. Sarwar and M.L. Khan. 2012. Effect of water treatment of sorghum on broiler chicks performance. *South African J. Anim. Sci.* 42: 189-194.
11. Ali, M., **M. Sharif**, J. I. Sultan, S. Rehman, K. Farooq and M. L. Khan. 2012. Influence of varying levels of bergafat on performance of broiler chicks. *J. Anim. Plant Sci.* 22: 853-856.
12. Shahzad, M.A., M. Afzaal, **M. Sharif**, M. Nisa, M.S. Rehman, M. Sarwar, N.A. Tauqir and M. Riaz. 2013. Graded replacement of corn grain by wheat grain in Sahiwal calves: Influence on nutrients intake, digestibility, blood metabolites and growth performance. *Buffalo Bulletin.* 32: 904-907.
13. Tauqir, N.A., M.A. Shahzad, Y. Mahmood, **M. Sharif**, M. Nisa and M. Sarwar. 2013. Performance of Nili-Ravi buffalo calves fed urea-corn steep liquor treated corn cobs. *Buffalo Bulletin.* 32: 918-923.
14. **Sharif, M.**, M. Nazar, J.I. Sultan, M.Q. Bilal, M. Shahid and A. Hussain. 2014. Effect of replacing cotton seed cake with guar meal on growth performance and economics in Sahiwal calves. *J. Anim. Plant Sci.* 24:28-32.
15. Rehman, A.U., M.U. Nisa, A. Shazad, M. Sarwar, O.A Khan and **M. Sharif**. 2014. Chemical composition and digestion kinetics of urea-molasses treated wheat straw ensiled with fibrolytic enzyme in ruminally cannulated buffalo bulls. *J. Anim. Plant Sci.* 24:36-39.
16. Javed, M. Z., **M. Sharif**, S. A. Bhatti, M. Q. Bilal, F. Ahmed, F. Ahmad, M. S.Rehman and M. Tariq. 2016. Nutrient intake, nitrogen balance and growth performance in buffalo calves fed citrus pulp as a concentrate source. *African J. Agric. Res.* 11: 2562-2568.
17. Khan, M.K., S.I. Zamir, A. Khaliq, **M. Sharif**. 2016. Effect of tillage practices on the forage yield and quality of mixed sowing of maize and cowpea. *Sylwan.* 12: 159-169.
18. **Sharif, M.**, M. Subhan, Shahid Ibni Zamir, M. Tariq, M. Riaz and A. Javaid. 2017. Evaluation of intercropping maize with cowpea for chemical composition and in situ digestion kinetics in Nili Ravi buffalo bulls. *Transylvanian Review:* 15:3867-72.
19. Ullah, A., **M. Sharif**, M. A. Mirza, M. S. Rehman and A. U. Hayder. 2017. Effect of different levels of yeast culture on digestibility, nitrogen balance and ruminal characteristics in buffalo bulls. *Buffalo Bulletin (October-December 2017)* 36: 653-660.
20. **Sharif M.**, M. S. Ashraf, N. Mushtaq, H. Nawaz, M. I. Mustafa, F. Ahmad, M. Younas and A. Javaid. 2018. Influence of varying levels of dried citrus pulp on nutrient intake, growth performance and economic efficiency in lambs. *J. Appl. Anim. Res.* 46: 264–268.
21. Ullah, Z., M. Yousaf, M. M. Shami, **M. Sharif**, and Kh. Mahrose. 2018. Effect of graded levels of dietary corn steep liquor on growth performance, nutrient digestibility, haematology and histopathology of broilers. **J. Anim. Physiol. Anim. Nutr.** 102: 395-402.
22. **Sharif M.**, M. Shoaib, M. Aziz Ur Rahman, F. Ahmad and Shahid Ur Rehman. 2018. Effect of distillery yeast sludge on growth performance, nutrient digestibility and slaughter parameters in Japanese quails. **Scientific Reports.** 8: 26741-6.
23. Alvi, T., M. K. I. Khan, A. A. Maan, A. Nazir, M. H. Ahmad, M. I. Khan, **M. Sharif**, A. U. Khan, M. I. Afzal, M. Umer, S. Abbas and S. Qureshi. 2019. Modelling and kinetic study of novel and sustainable microwave-assisted dehydration of sugarcane juice. *Processes.* 7: 712.
24. Ashraf, M., A. U. Haq, F. Ahmad, Z. D. Sindhu, A. R. Asif, U. Farooq, M. F. Khalid, M. Auon and **M. Sharif**. 2019. Right choice and proportion can make blend of edible oils a

- good growth promoter and a potential source for designer meat production in chicken. Pak. J. Agri. Sci. 56: 969-975.
25. Mobeen, A., M. Riaz, S. H. Raza, **M. Sharif** and M. U. Yaqoob. 2019. Effect of bypass fat supplementation on milk yield in lactating cows and buffaloes. Pak. J. Agri. Sci. 56: 743-746.
 26. Saeed, M., M. Naveed, J. Leskovec, A. Ali Kamboh, I. Kakar, K. Ullah, F. Ahmad, **M. Sharif**, A. Javaid, M. Rauf, M.E.Abd El-Hack, M.A. Abdel-Latif and S. Chao. 2020. Using Guduchi (*Tinospora cordifolia*) as an eco-friendly feed supplement in human and poultry nutrition. **Poult. Sci.** 99:801-811.
 27. Rahman, M.A., Z. Tyaab, **M. Sharif**, M. Yousaf, M. R. Virk, M.A. Mirza, F. Ahmad and N. Faisal. 2020. Effect Oflysozyme, Tributyrin, Bacillus Amyloliquefaciens SC06 and Enramycin on growth performance, nutrient digestibility and carcass characteristics of broiler during finisher phase. Pak. J. Agri. Sci. 57: 949-956.
 28. **Sharif, M.**, M.A. [Rahman](#), B.Ahmed, R.Z. Abbas and F. Hassan. 2020. Copper nanoparticles as growth promoter, antioxidant and anti-bacterial agents in poultry nutrition: prospects and future implications. **Bio. Trace Elem. Res.** <https://doi.org/10.1007/s12011-020-02485-1>.
 29. **Sharif, M.**, A. Ali, U. Anwar, F.A. Chisti, S. Jameel, M.Q. Bilal, M. Hussain, F. Ahmad, M. Yousaf, A. Naveed, A.G. Kibria, H.M. Ishaq and M.A. Rahman. 2020. Effect of different levels of energy and lysine on the production performance of laying hens. Pak. J. Agri. Sci. 57:1653-1659.
 30. Shahid, I., **M. Sharif**, M. Yousaf, F. Ahmad, U. Anwar, A. Ali, M. Hussain, M.A. Rahman. 2020. Emulsifier Supplementation Response in Ross 308 Broilers at 1-10 Days. Braz. J. Poult. Sci. 22:001-006.
 31. Abbas, R.Z., M.A. Zaman, Z.D. Sindhu, **M. Sharif**, A. Rafique, Z. Saeed, T. Rehman, F. Siddique, T. Zaheer, M.K. Khan, M.S. Akram, A.J. Chattha, U.Fatima, T. Munir and M. Ahmad. 2020. Anthelmintic effects and toxicity analysis of herbal dewormer against the infection of *Haemonchus contortus* and *Fasciola hepatica* in goat. Pak. Vet. J. 40: 455-460.
 32. **Sharif, M.**, M.H. Zafar, S. Rahman, S. Anam, K. Ashfaq and A.I. Aqib. 2020. Isolation and identification of *Saccharomyces cerevisiae* for fermentation of rice polishing in livestock feeding. **An. Acad. Bras. Cienc.** 92: e20191140.
 33. **Sharif, M.**, M.H. Zafar, A.I. Aqib, M. Saeed, M.R. Farag, M. Alagawany. 2021. Single cell protein: Sources, mechanism of production, nutritional value and its uses in aquaculture nutrition. **Aquaculture.** 531: 735885.
 34. Riaz, M., M.A. Azhar, **M. Sharif**, M. Yaqoob, H. Rashid and M.A.U. Rahman. 2021. Effect of rearing methods on the growth performance and welfare status of calves. Pakistan J. Agric. Sci. 58:253-260.
 35. Badar, S.N., Z. Iqbal, M.S. Sajid, H.M. Rizwan, **M. Shareef**, M.A. Malik and M.N. Khan. 2021. Comparative anthelmintic efficacy of arundo donax, areca catechu, and ferula assafoetida against haemonchus contortus. Rev. Bras. Parasitol. Vet. 30.
 36. Imran, M., M.A.U. Rahman and **M. Sharif**. 2021. Effect of hydrolysable tannin based product on feed intake, protein digestibility, ruminal characteristics and blood urea nitrogen in buffalo bulls. Buffalo Bull. 40:591-598.
 37. Nisar, H., **M. Sharif**, M.A. Rahman, S. Rehman, A.A. Kamboh and M. Saeed. 2021. Effects of dietary supplementations of synbiotics on growth performance, carcass characteristics and nutrient digestibility of broiler chicken. Rev. Bras. Cienc. Avic. 23:1-10.
 38. Iqbal, J., **M. Sharif**, M.N. Suleman, M. Saeed, F. Ahamd, A.A. Kamboh, T. Ayaşan and M. Arslan. 2022. Effect of dietary supplementation of a non-antibiotic growth promoter on growth performance and intestinal histomorphology in broilers. Pak. J. Zool. 54:1629-1635.
 39. Shabbir, A., **M. Sharif**, K. Ashfaq, A.I. Aqib, M. Saeed, A. Di Cerbo and M. Alagawany. 2021. Effect of yeast-fermented citrus pulp as a protein source on nutrient intake,

- digestibility, nitrogen balance and in situ digestion kinetics in Nili Ravi buffalo bulls. *Animals*.11:1713.
40. Jatta, K., M.F.A. Chishti, M.A.U. Rahman, S. Khan, M. Riaz, Q. Bilal and **M. Sharif**. 2022. Effect of different dietary levels of concentrate and roughage for optimum growth performance in Thalli lambs. *Pak. J. Agric. Sci.* 59:503-510.
 41. Khan, M., **M. Sharif**, M.F. Naeem, H. Munir, A. Rafique, M.F.A. Chishti, U. Anwar, Q. Bilal, M. Riaz, M. Hussain, S. Imran, F. Hussain and M.A.U. Rahman. 2021. Effect of lactobacillus plantarum and lactobacillus buchneri on composition, aerobic stability, total lactic acid bacteria and *E. Coli* count of ensiled corn stover with or without molasses supplementation. *Pak. J. Agric. Sci.* 58:677-684.
 42. Qadir, A., N. Mahr and **M. Sharif**. 2022. Evaluating the health effects of RS2 supplemented diet in healthy rats. *J. Hunan Univ. Nat. Sci.* 49:25-31.
 43. Rahman, M.A.U., S. Shehzad, F. Ahmad, M. Ashraf, S. Hassan, M. Shoaib, S. Jameel, M.Q. Bilal, M. Riaz and **M. Sharif**. 2022. Impact of dietary isoleucine to lysine ratio on the growth performance of broilers birds. *Pak. J. Agric. Sci.* 59:685-691.
 44. Raza, A., **M. Sharif**, F. Ahmad, A.A. Kamboh, M. Saeed, M. Ashraf and A.U. Hayder. 2022. Effect of vitamin d and phytase on growth, blood mineral level and slaughter parameters of broilers. *Pak. J. Zool.* 54:1493-1496.
 45. Fawwad, A., **M. Sharif**, M. Ashraf, M. Riaz, M. Shoaib, T. Siddique, A. Ahmed, A.H. Sheir, M.A. Yaseen and M.M.A. Hamid. 2023. Effect of different light intensities and colors on growth performance and reproductive characteristics in Japanese *quails*. *Turk. J. Vet. Anim.Sci.* 47:185-193.
 46. Sabir, M., J. Iqbal, S.H. Khan, **M. Sharif**, M. Ashraf, Z.U. Rehman. 2023. Effects of cholecalciferol levels on productive traits, egg quality, and blood biochemistry in late-phase laying hens. *Acta. Vet. Eurasia.* 49:13-18.
 47. Hassan, S., **M. Sharif**, M.A. Mirza and M.S. Rehman. 2023. Effect of dietary supplementation of zinc nanoparticles prepared by different green methods on egg production, egg quality, bone mineralization, and antioxidant capacity in caged layers. *Biol Trace Elem. Res.* 201:5794–5804.
 48. Ahmed, B., **M. Sharif**, S. Hassan, M. K. Bashir and Fawwad Ahmad, 2024. Evaluation the effects of copper nanoparticles dietary supplementation on growth performance, carcass characteristics, and serum antioxidant status in broilers. *Biol Trace Elem. Res.* <https://doi.org/10.1007/s12011-024-04383-2>
 49. Mushtaq, M.M., S. Hassan, M. Sharif, A. Asghar, F. Ahmad, M.K. Bashir, M. Ashraf, M. Bashir, T. Fatima, M. Mushtaq. 2024. Effect of dietary supplementation of humic acid on blood parameters, antioxidant activity, serum and bone minerals in laying hens. *J. Anim. Health Prod.* 12(4): 639-646.
 50. Hassan, S., S.A. Bhatti, F. Ahmad, A.U. Hyder, M. Arslan, A. Mehfooz, I. Saleem, M.U. Yaqoob, M. Nazir, M. Sharif. 2024. Dietary effect of zinc on growth performance, carcass characteristics and immune response in hubbard broilers raised under hot climate. *J. Anim. Health Prod.* 12(1): 78-84.
 51. Ahmed, B., **M. Sharif**, S. Hassan, M. K. Bashir and Fawwad Ahmad. 2024. Evaluation the effects of copper nanoparticles dietary supplementation on growth performance, carcass characteristics, and serum antioxidant status in broilers. *Biol Trace Elem. Res.* <https://doi.org/10.1007/s12011-024-04383-2>.
 52. Mushtaq, M.M., S. Hassan, M. Sharif, A. Asghar, F. Ahmad, M.K. Bashir, M. Ashraf, M. Bashir, T. Fatima, M. Mushtaq. 2024. Effect of dietary supplementation of humic acid on blood parameters, antioxidant activity, serum and bone minerals in laying hens. *J. Anim. Health Prod.* 12(4): 639-646.
 53. Khaliq, H., M. Younas, **M. Sharif**, S. Hussain, U. Younas, M. Sajid, Qudratullah, M.F. Khan, M. Usman and Q. Ullah. 2025. Comparative analysis of biogas production efficiency

- from anaerobic digestion of cow dung and mixed dung substrates. *Sarhad J. Agric.* 41(2): 881-893.
54. Arif, S., M. Shoaib, S. Hassan, H.E. Şamli, W. Abbas, M. Asnan, M. Yousaf, A. Ameer, S. Nawaz, **M. Sharif**, Q. Hafeez, M.M.A. Hamid. 2025. Effect of phytobiotics supplementation on growth performance, acquired immunity, blood metabolites and nutrient digestibility in broiler chickens. *J. Tekirdag. Agr. Facul.* 22(4): 1100-1110.
 55. **Sharif, M.**, S. Khan, F. Ahmad, M.M.A. Hamid, W. Abbas, M.K. Bashir, M.L. Zafar, A. Alvi, S. Hassan. 2025. Use of potato waste and its effect on ruminal characteristics and in-situ digestion kinetics in cannulated Nili Ravi buffalo bulls. *Pak J Zool.* <https://doi.org/10.17582/journal.pjz/20240625101356>.
 56. Ghauri, M. Z., Sharif, M., Zafar, A., Farooq, U., Talha, M., Hassan, S., Nazir, U., and Ji, D. 2026. Comparative Efficacy of Selenium Yeast Supplements on the Health and Productivity of Commercial Layers. *Animals.* 16(1), 23. <https://doi.org/10.3390/ani16010023>.
 57. Naumanullah, M., Aqsa, S. Hassan, M. Mobashar, F. Ahmad, W. Abbas, M.M.A. Hamid, M. Ashraf, U. Kalsoom, M. Rehan, M. Usama, M.K. Bashir and M. Sharif. 2026. Biological evaluation of chelated trace minerals with multi-strain probiotics and enzymes on production performance of broiler chickens. *Sci Rep.* 1:2702. <https://doi.org/10.1038/s41598-025-32495-9>.

Development of Products

- Production of Golden Nuggets product (dried citrus pulp) which was also certified by relevant body (Pakistan Council of Scientific and Industrial Research (PCSIR) Lahore & Higher Education Commission, Islamabad).
- Developed “Batats Meal” using culled potatoes/processing waste which was also certified by Pakistan Council of Scientific and Industrial Research.

Projects

1. Worked as **Principal Investigator** in the project titled “Evaluation of dried citrus pulp as a concentrate source and its effect on growth performance and milk yield in ruminant animals” by Pakistan Science Foundation. The allocated budget of the project was Rs. 2.334 Million. Duration of the project was 3 years. Funding agency was Pakistan Science Foundation.
2. Worked as **Principal Investigator** in a competitive technology development research project titled “Commercialization of dried citrus pulp as concentrate source in animal feed” amounting 9.89 Million Rs. Duration of the project is 2 years. It was started on 01-07-2017 and will continue for 24 Months. Funding agency is Higher Education Commission, Islamabad.
3. Worked as **Principal Investigator** in a research project titled “Evaluation of *Saccharomyces cerevisiae* as protein source and its effect on rumen fermentation, feed intake, growth performance and milk yield in buffaloes” amounting Rs. 7.4 Millions. Duration of the project is 3 years. Funding agency is Higher Education Commission, Islamabad.
4. Worked as **Principal Investigator** in a research project titled “Development, evaluation and commercialization of potato culls and processing wastes as concentrate source in animal feed for cost effective feed formulation” amounting Rs. 4.88 Millions. Duration of the project is 3 years. . Funding agency is Pakistan Science Foundation.
5. Worked as **Principal Investigator** in the project titled “Improving rumen ecology through dietary manipulation for optimum meat crop in small ruminants” funded by Higher Education Commission, Islamabad. The amount of the project was Rs. 3.095 Million while its duration was 24 months.

6. Worked as **Team Leader** in a research project titled “GHG emissions and providing offset feed options livestock sector in Pakistan” amounting Rs. 3.161 Millions. Funding agency is Nestle-Pakistan.
7. Worked as **Principal Investigator** in a project “Effect of Selenium Yeast 2000 and Toxin binders on growth Performance, carcass characteristics, laying performance and egg quality in poultry” funded by AB-Mauri Company. Duration of the project was 6 months amounting 0.48 Millions.
8. Worked as **Co-Principal Investigator** in a technology development research project titled “Development, promotion and commercialization of eco-friendly herbal dewormer for the control of parasites in livestock”. amounting 11.447 Million PKR. Funding agency is Higher Education Commission, Islamabad.
9. Working as **Co-Principal Investigator** in a project titled “Forage productivity, silage characteristics and digestion kinetics of cereal legume intercropping under different row and seed ratios and its commercialization on large scale” amounting Rs, 2.58 Million. It was started on 03-10-2017 and continued for 24 Months. Funding agency is Higher Education Commission, Islamabad.
10. Worked as a **Co-Principal Investigator** in an Endowment Fund Project entitled “Low cost technologies for enhanced ruminant animal productivity” during 01-03-2009 to 31-05-2012. The allocated budget of the project was Rs. 1.569 Million.