



Lasbela University
of Agriculture, Water & Marine Sciences
Uthal District Lasbela, Balochistan
Postcode: 90150, Tel: 0853-610770

Name:	Muhammad Asif		
Designation:	Assistant Professor		
Email:	asifarain77@yahoo.com		
Cell No.:	0092333-2712714		
Research Area:	Dairy and poultry sciences		
QUALIFICATION			
DEGREE	PASSING YEAR	MAJORS	UNIVERSITY
MPhil	2010	Dairy Technology	Sindh Agriculture University Tandojam
DVM	2007	Animal And Veterinary Sciences	Sindh Agriculture University Tandojam
PUBLICATIONS (NATIONAL/INTERNATIONAL)			
2021			
<ol style="list-style-type: none">1. Effect of azomite on growth performance, nutrient utilization, serum biochemical index and bone mineralization of broilers fed low protein diet. Shoaib Ahmed Pirzado, Faizul Hassan, Muhammad Asif Arain, Wu Zhengke, CaiHuiyi, TesfayHagos Haile and Liu Gouhua. (2021). italian journal of animal science. (Accepted for publication). (IF 2.2).2. Effect of Azomite on growth performance, immune function and tibia breaking strength of broiler chickens during starter period. Shoaib Ahmed Pirzado, Muhammad Asif Arain, CaiHuiyi, Sarfraz Ali Fazlani, Mahmoud Alagawany, and Liu Gouhua (2021). Animal Biotechnology. (IF 2.2).3. A comprehensive review on the health benefits and nutritional significance of fucoidan polysaccharide derived from brown seaweeds in human, animals and aquatic organisms. Saeed, Muhammad, Muhammad A. Arain, Sarfraz Ali Fazlani, Illahi B. Marghazani, Muhammad Umar, JameelaSoomro, Zohaib A. Bhutto et al. 2021. Aquaculture Nutrition. (IF 2.231)4. Importance of Quinoa (Chenopodium Quinoa) in Poultry Nutrition. Muhammad Asif Arain, Mahmoud Alagawany, Muhammad Saeed, Muhammad Umar, Nasrullah, FerozaSoomro, Mayada R. Farag and Mohamed E. Abd El-Hack. 2021. Natural Feed			

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5. Nutritional and Promising Therapeutic Potential of Chia Seed as a Feed Additive in Poultry. Muhammad Saeed, Muhammad Sajjad Khan, **Muhammad Asif Arain**, Mohamed E. Abd El-Hack, Mayada R. Farag and Mahmoud Alagawany. 2021. Natural Feed Additives Used in the Poultry Industry. 139-153. (Book chapter).
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10. Bangulzai, A.N. Khoso, J. Soomro, I.B. Marghazani, M.H. Kakar, A.H. Baloch, S.A. Brohi, and **M.A. Arain**. Comparative investigation of feeding habits and apparent digestibility of maize, millet and sorghum fodders in sheep and goat. 2020. Pakistan Journal of Agricultural Research, 33(3), 433-439.

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TEACHING EXPERIENCE

Designation	From	To	Organization
Assistant Professor	14-12-2017	To date	Lasbela University of Agriculture, Water & Marine Sciences
Lecturer	01-09-2010	13-12-2017	Lasbela University of Agriculture, Water & Marine Sciences

WORKSHOPS/SEMINARS/TRAININGS ATTENDED AND CONDUCTED:

1. Participant - **Bio-risk Management** - 2020. Organized by Association of the Bio-risk Management Pakistan at LUAWMS. September 21 to 25/ 2020.
2. Participant - **The World Dairy Goat Conference & 2nd International Symposium of Dairy Goat Healthy Farming and Goat Milk Processing in China** - 2016. Organized by World Dairy Goat Industry, China. September 13-14 2016.
3. Participant - **Workshop on Semen Preservation and Artificial Insemination in Bovines** - 2016. Organized by IMV International. September 20-21 2016.
4. Participant - **Workshop on Modern and Efficient Animal Farming and Engineering** - 2016. Organized by IMV International. August 29, 2016.
5. Participant - **3rd International Asian Australian Dairy Goat Conference (AADGC)** - 2016, Organized by College of Animal Science & Technology, Northwest A&F University, Yangling, Shaanxi, China. May 9th to 13th 2016.
6. Participant - **International Training Workshop on Soil & Water Conservation and Dry-land Farming** - 2015, Department of International Cooperation Ministry of Science and Technology, People's Republic of China. August 26 to September 14, 2015.
7. Participant - **International Training Workshop on Soil & Water Conservation and Dry-land Farming in Developing Countries** - 2014, Yangling Demonstration Zone International Exchange Center, Department of International Cooperation Ministry of Science and Technology, P.R. China. August 28 to September 16, 2014.
8. **Participant - Teacher Learning Innovation Training** - 2012, Jointly organized by Lasbela University of Agriculture, Water & Marine Sciences Uthal Balochistan, and Higher Education Commission, Pakistan. January 05 to 07 2012.

9. Participant - 1-day workshop entitled: **Economic Development of Pakistan- 2011**, Lasbela University of Agriculture Water and Marine Sciences Uthal Pakistan (LUAWMS). Funded by Planning Commission of Pakistan. September 25th, 2011.
10. Participant - **Professional Competency Enhancement Training for Teachers, (Pcept)**- 2010, Jointly Organized by Lasbela University of Agriculture, Water and Marine Sciences, Uthal, Balochistan & National Academy of Higher Education (Nahe, Phase-11), HEC, Islamabad. December 28th, 2010 To January 21st, 2011.
11. PARTICIPANT - 1stINTERNATIONAL CONFERENCE ON **AGRICULTURE, FOOD AND ANIMAL SCIENCES**-2008, SINDH AGRICULTURE UNIVERSITY TANDOJAM, PAKISTAN. 12-14 MAY 2008.

SHORT BIOGRAPHY:

Muhammad Asif, MPhil.

Position & Department: Assistant Professor; Department Animal Products Technology (APT), Faculty of Veterinary and Animal Science, Lasbela University of Agriculture Water and Marine Sciences, (LUAWMS).

Research Interests: Animal Products technology is an ever-expanding profession, in processing, packaging, preservation, value addition, nutrition, and consumer food safety. Pakistan (5th largest milk-producing country) needs to be exploited in processing and production technology (cheese, butter, yoghurt, condensed milk, ghee, sweets) to compete in the World market utilizing effective resources. Opportunities for value-added products: Nutritional and Functional foods are the potential areas yet to be designed and roofed in Pakistan. To accomplish the needs of industrial technology in this regard is a fascinating challenge. Hence, to work with the objectives stated herein is of great personal and professional interest, while simultaneously providing services for safe, qualitative and versatile food with respect better communications for science and humanity.