Dr. Said Shannan Al-Khalasi

Assistant Professor

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Marital Status: ..

Dr Said Al-Khalasi serves as an assistant professor at the UNESCO chair on Aflaj studies at the University of Nizwa in Oman. With a PhD in Animal Nutrition, he possesses a wealth of knowledge and expertise in the field. Over the course of his career, spanning more than 24 years, he has actively engaged in extension work, research, teaching, and the development of animal feed processing and formulation techniques. Dr Al-Khalasi has authored two books on Animal Nutrition and has contributed to numerous published articles focusing on feeds and the utilization of local trees and herbs. Additionally, he demonstrates a keen interest in exploring biofuels as a sustainable and environmentally friendly energy source.

Academic Qualifications

- Doctor of Philosophy in Animal Nutrition , University Putra Malaysia, 2018, Effects of Feeding Raw and Treated Meskit `` Prosopis juliflora (Sw.) DC.`` Pods to Omani Sheep``.
- Master of Science in Animal and Veterinary Sciences , Sultan Qaboos University, Oman, 2009
- Bachelor`s degree in Animal Science , Sultan Qaboos University
- Bachelor`s degree in Islamic Studies ,2019, College of Shari`a Sciences, Sultanate of Oman

Diploma degree in Shari`a Sciences,2016, College of Shari`a Sciences, Sultanate of Oman

Teaching Activities

Man and the Environment BIOL 351, 2022

BIOL 104 Aflaj of Oman , 2023

Research Activities

- Research Interests

• Evaluation of chemical composition and nutritive values of different types of animal feeds. • Studying the effects of feeding agricultural by products-based feeds on the growth and performance of Omani livestock. • Determination of meat and carcass quality of livestock. • Investigate the effects of feeding different types of feeds on the health status of animals. • Formulating animal and poultry feeds from different types of local agricultural by-products. • Studying rumen microbiology to investigate the effects of raw and treated feeds on the type and population of bacteria and protozoa in the rumen. • Histological studies on the effect of non-conventional feeds on kidneys and livers. • Investigation of anti-bacterial activity of raw and treated feed resources.

Antimicrobial activities of plants extracts on pathogonic microbs.

- Conference Presentations

International conference ``Management of Salt-Affected Soils and Water for Sustainable Agriculture`` 11-14/1/2010. Participated in a Poster and Presentation on, Effects of salt tolerant forage crops on performance, carcass, meat quality, and health of Omani sheep., 18/10/2022

Workshop on ``Production and Utilization of Salinity Tolerant Forages`` In Collaboration with International Center of Biosaline Agriculture (ICBA) 29- 30/3/2009, Directorate General of Agriculture and Livestock Research (Rumais), Oman.

- Conference Attendance

International conference ``Management of Salt-Affected Soils and Water for Sustainable Agriculture`` 11-14/1/2010. Participated in a Poster and Presentation on, Effects of salt tolerant forage crops on performance, carcass, meat quality, and health of Omani sheep.

- Publications

Article:

1. 2024 1. Al-Khalasi, S. S., Al-Ghafri, A. S., Al-Saqri, S. N., & Al-Habsi, J. H. (2024). Biodiesel production from waste cooking oil using ethanol produced from sugar or dates syrup. IOP Conference Series: Earth and Environmental Science, 1365(1),012004.IOPPublishing.https://doi.org/10.1088/17551315/1365/1/012004

2. 2024 2. Al-Khalasi, S., Al-Ghafri, A., Al-Saqri, S., Al-Jahdhami, H., Al-Hosni, S. & Elmiligy, Y. (2024). Antifungal Activity of Moringa peregrina Plant Extracts Against Candida kruzei. European Journal of Theoretical and Applied Sciences, 2(2), 87-101.DOI: 10.59324/ejtas.2024.2(2).08

3. 2023 ., Al-Khalasi, S., Al-Ghafri, A., Al-Saqri, S., Al-Jahdhami, H., & Al-Badi, A. (2023). Comparative study between Moringa peregrina plant extracts and a standard antibiotic against Candida albacans. Open Access Research Journal of Science and Technology. 09(02), 022-038, DOI: 10.53022/oarjst.2023.9.2.0065.

4. 2023 ., Al-Khalasi, S., Al-Ghafri, A., Al-Saqri, S., & Al-Khumasi, M. (2023). A comparison of Moringa Peregrina Plant Extract with Standard Antibiotic Against Entrobacter Hormaechi and Staphylococcus Aureus. European Chemical Bulletin. 2(S3), 7172-7190, DOI: 10.31838/ecb/2023.12. s3.797.

5. 2023 .Al-Khalasi, S., Al-Ghafri, A., Al-Saqri, S., & Al-Khatri, M. (2023). , Antibacterial Activity of Moringa oleifera Plant Extracts in Comparison with Ciprofloxacin Antibiotic Against Staphylococcus aureus. European Journal of Theoretical and Applied Sciences, 1(5), 974-994.

6. Al-Khalasi S, Mahgoub O (2018) Carcass and Meat Quality Characteristics of Omani Sheep Fed Diets Based on Raw or Processed Mesquite (Prosopis Julifiora) Pods. J Vet Sci Ani Husb 6(2): 206

7. Al-Khalasi, S., Mahgoub, 0., Yaakub, H. & Yasmin E. (2016). Antibacterial Activity of Raw and Processed Meskit (Prosopis Juliflora) Pods` Extracts. International Journal of Recent Science Research. 7(5), pp. 10877-10881.

8. Al-Khalasi, S., Mahgoub, 0., Yaakub, H. & Mohammed, T. (2016). Effect of Feeding Raw and Treated Meskit (Prosopis juliflora) Pods on Serum Biochemistry and Histopathology of the Liver and Kidney of Omani Sheep. Elixir International Journal, Hormones and signals, 92, (16), 38753-38757.

9. Al-Khalasi, S., Mahgoub, 0. & Yaakub, H. (2015). Management of Meskit (Prosopis juliflora) Tree in Oman: The Case of Using Meskit (Prosopis juliflora) Pods for Feeding Omani

Sheep. World Academy of Science, Engineering and Technology, International Science Index, Animal and Veterinary Sciences, 9(1), 166-168.

10. Al-Khalasi S. Mahgoub O. Kadim T. Al-Marzouqi W. Al-Rawah S.(2010). Health and performance of Omani sheep fed salt-tolerant sorghum (Sorghum bicolor) forage or Rhodes grass (Chloris gayana) Small Ruminant Research, 91 (1) , pp. 93-102.

Book:

1. 2023 Mesquite pods as animal feed

2. 2015 Salt-tolerant sorghum as animal feed

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