

Dr. Sherein Hamdy Mohamed

Associate Professor of Animal Nutrition,
Animal production Department, Faculty of Agriculture,
Benha University, Egypt.



CONTACT INFO

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LANGUAGE

- Arabic: Mother tongue
- English: Very Good
Reading/Writing/Speaking

EXPERTISE

Teaching
Training
Animal nutrition
Nano-technology
Animal Farm Supervision
Providing consultations

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EXECUTIVE SUMMARY

Expert in animal and poultry nutrition with over 20 years of experience in teaching, research, and consultancy. I hold a Ph.D. from Cairo University and I have a strong background in feed formulation, livestock productivity, and sustainable nutrition strategies. Also, works as a technical consultant in feed manufacturing and additives and is actively involved in training programs and extension activities at both national and international levels. The areas of the researches include nanotechnology in animal nutrition and improving feeding systems for better performance and environmental sustainability.

WORK EXPERIENCE

Associate Professor of Animal Nutrition

Oct 2022 – Present

Faculty of Agriculture, Benha University, Egypt

- Teaching undergraduate and postgraduate courses in animal and poultry nutrition.
- Supervising M.Sc. and Ph.D. research.
- Managing the university's experimental animal production farm and feed manufacturing unit.
- Planning and conducting laboratory and field research in animal nutrition.
- Member of university strategic committees and national excellence teams.

Animal Nutrition Consultant

2018 – Present

Freelance | Egypt

- Providing technical consultations on animal and poultry nutrition, feed formulation, and feed additives.
- Supporting public and private sector farms with customized feeding programs.
- Conducting training sessions for agricultural engineers and producers in various governorates.

Lecturer of Animal Nutrition

Jan 2017 – Oct 2022

Faculty of Agriculture, Benha University, Egypt

- Delivered academic courses in animal and poultry nutrition.
- Led student projects and supervised theses.

Researcher – Animal Nutrition Dept.

1999 – 2016

Agricultural Research Center (ARC), Ministry of Agriculture, Egypt

- Conducted researches on improving the nutritive value of agricultural residues using Mechanical, chemical and biological treatments.
- Performed laboratory analyses including HPLC, NIR, and digestibility trials.
- Evaluated feed efficiency and formulated balanced rations for various livestock.

Academic background

- **Ph.D. in Animal Nutrition**, Faculty of Agriculture, Cairo University – Egypt 2012 / *Grade: Excellent*
Research focused on innovative strategies in animal nutrition and feed evaluation.
- **M.Sc. in Animal Nutrition**, Faculty of Agriculture, Cairo University – Egypt 2005 / *Grade: Very Good*
Specialized in enhancing the nutritional value of unconventional feedstuffs.
- **B.Sc. in Agricultural Sciences**, Faculty of Agriculture, Cairo University – Egypt 1999 / *Grade: Very Good*
Year Awarded: Major: Animal Production

Skills

- **Industry Knowledge:** Animal production, Animal nutrition, feed additive
- **Technical Skills:** Microsoft Office, Windows, Excel, Word. Also, Excellent using statistical programs for data analysis like Spss and SAS.
- **Soft Skills:** Good Communication, Teamwork, Problem Solving, Critical Thinking, Decision Making, Leadership, Creativity, Public Speaking

Academic Leadership

- Leading undergraduate and postgraduate teaching in animal and poultry nutrition.
- Supervising numerous M.Sc. and Ph.D. theses and undergraduate research projects.
- Active member of strategic and quality assurance committees at Benha University, contributing to institutional planning and accreditation processes.

Professional and Technical Leadership

- Supervisor of the Animal Production Experimental Station and feed mill at Benha University, overseeing operations and research.
- Consultant and technical advisor for national projects like the “30 Million Eggs Project” and several private-sector feed companies.
- Organizer and speaker at scientific workshops, conferences, and training courses, demonstrating leadership in scientific communication and knowledge transfer.
- Leading the technical development of feed additive products at Alpha Chemical Egypt, providing scientific oversight and innovation.
- Organizer and speaker at scientific workshops, conferences, and training courses, demonstrating leadership in scientific communication and knowledge transfer.

Professional and Technical Leadership

- Member of the Strategic Planning Committee of the Faculty of Agriculture.
- Member of the Institutional Governmental Excellence Team, contributing to national-level development strategies and ministry reports.
- Led and participated in numerous national and international training programs, workshops, and technology transfer initiatives.
- Delivered training for agricultural engineers, young graduates, and producers across Egypt in animal nutrition and feed manufacturing.
- Provided consultations to governmental bodies, the private sector, and individuals, bridging research and practical applications.



- Academic Research in area of Animal nutrition and nano-technology
22 research papers
- Published articles in national agricultural magazines and presented in international forums, further establishing leadership in outreach and advocacy.
- Leading the technical development of feed additive products at Alpha Chemical Egypt, providing scientific oversight and innovation.
- Organizer and speaker at scientific workshops, conferences, and training courses, demonstrating leadership in scientific communication and knowledge transfer.

Awards and Certificates of Appreciation From:

- Food and Agriculture Organization (FAO) of the United Nations for outstanding contribution to the theme of World Food Day 2016, “Climate is changing. Food and agriculture must too,”
- Faculty of Agriculture, Benha University for contributions to the success of the 39th Agricultural Student Camp of Egyptian Faculties of Agriculture, held at the Faculty from February 5 to 8, 2017, under the slogan “For the Love of Egypt.”
- Scientific conferences including the Annual Scientific Conference on Climate Change and Agriculture (2022) as inviter speaker.
- Faculty of Agriculture, Benha University for scientific contributions, participation in student conferences, and research achievements (2017–2022).
- Benha University Presidency for excellence in research activities and active participation in university events and conferences.
- Animal Production Department for outstanding teaching performance and dedication to educational and research responsibilities.

Training in Egypt and Abroad

In Egypt participated in numerous **professional development programs** organized by Benha University and national training centers, focusing on:

- Quality assurance, accreditation, Strategic planning, and university administration
- Research ethics, scientific writing, E-learning, digital transformation, data analysis, and project management
- Environmental and sustainable agricultural practices

Attended national workshops and training courses related to:

- Animal nutrition, feed formulation, and production systems
- Climate change impact on agriculture
- Extension services and community outreach

In Abroad Participated in international training programs and workshops in collaboration with organizations such as:

FAO, FARA, CIHEAM Zaragoza focus areas included:

- Sustainable animal production systems
- Genetic resource management
- Innovative feeding strategies and climate-smart agriculture