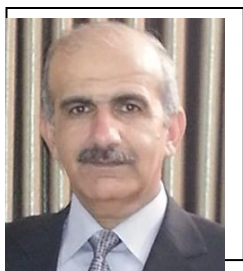




**Ministry of Higher Education and Scientific Research \_ Diyala University**  
**College of Agriculture / Department of**  
**Curriculum Vitae of a faculty member**



**First: Personal Information**

<b>Full name</b>	<b>Khalid Hamid Hassan</b>	<b>Phone Number</b>	<b>009647710735101</b>
<b>DOB</b>	<b>1 / 8 / 1961</b>	<b>Email Address</b>	<b>khalidhamid@uodiyala.edu.iq</b> <b>dr.khalid29875@gmail.com</b>
<b>Certificate</b>	<b>PhD</b>	<b>Scientific Title</b>	<b>Professor</b>

**Second: Scientific Activities: Master's and Doctoral Degrees**

<b>Title of Master Thesis</b>	<b>Comparison fertility between natural mating and artificial insemination using different dilution rate in indigenous chickens</b>
<b>Title of PhD Thesis</b>	<b>Genetic selection for some semen characters for indigenous barred cocks and their effects on reproductive and productive traits in the offspring</b>

### **Third: Administrative Tasks**

<b>No.</b>	<b>The Administrative Tasks Assigned to You</b>	<b>Period</b>
<b>1</b>	<b>Vice of Dean – College of Veterinary Medicine Univ. of Diyala</b>	<b>5 June 2003 to 5 Feb. 2005</b>
<b>2</b>	<b>Head of the Animal Resources Department Coll. Of Agriculture</b>	<b>1 Oct. 2009 to 25 May 2012</b>
<b>3</b>	<b>Chief Editor of Diyala Agricultural Sciences Journal</b>	<b>2009 to 2016</b>
<b>4</b>		
<b>5</b>		

### **Fourth: Number of Committees in Which You Participated : ( sixty Committees )**

#### **The Most Important of which:**

- 1. Member of Central Scientific Promotions Committee in Univ. of Diyala.**
- 2. Chairman of the Central Objections Committee in Univ. of Diyala.**
- 3. Chairman of the Committee of evaluation University of Tikrit.**
- 4. Chairman of the Committee of evaluation the scientific laboratories of the University of Diyala.**
- 5. Representative of the University of Diyala in the drafting committee of proposals at the conference of the Ministry of Higher Education and Scientific Research.**
- 6. Member of the Scientific Committee in the Planning Council Conference in University of Diyala.**
- 7. Chairman of the Committee of Statistical Evaluation of the MS and PhD Thesis in the College of Agriculture - University of Diyala.**
- 8. Chairman of the Committee of Scientific Experts in the College of Agriculture, University of Diyala.**

#### **Fifth: Member's Participation of the University and Community Service**

No.	Participation Name	Participation Type	Period
1	Continuous Education activities	Lecture on scientific research and its ethics	2014
2	A training course for postgraduate students	Lecture on the Iraqi Virtual Library and the	2015
3	A training course for Academic staff- Coll. Of	A training course on SPSS Software in statistical	2016
4	A training course for Academic staff- Coll. Of	A training course on SPSS Software in statistical	2017
5	Evaluation of patent applications	The evaluation of patents (9 patents) for	2016-2011
6	A scientific calendar for doctoral dissertations	Doctoral thesis (2 Items) commissioned by the	2016-2011
7	A scientific calendar for Master Thesis	Scientific evaluation of a master's thesis	2013

#### **Sixth: Published and Accepted Researches**

**Note: Research is written in the Manner Approved in the Writing of Scientific Research for the Journal of Diyala Agricultural Sciences.**

1. Al-Daraji, H. J., Al-Tikriti, B. T. O., Hassan, K. H., and Al-Rawi, A. A. .2002. New techniques for determination of avian spermatozoa abnormalities. *Res. J. Bio. Tech*, 4(1), 47-64.
2. Hassan , K. H. 2009 . Comparison of productive performance of Fabrow, Lohmann and Hubbard broiler breeder flocks in Iraq. *The Iraqi Journal of Agricultural Sciences*, 41( 1) : 58 – 64.
3. Hassan , K. H. 2009 . Fertility of broiler breeder males and females at various ages by using artificial insemination. *Diyala Agricultural Sciences Journal*, 1(2) 25 – 30.

4. Hassan, K. H. and M. S. Jassim. 2009 . Study of productive performance traits in Lohmann, Hubbard, and Fabrow broiler in Iraq. The First Scientific Conference in Diyala University.
5. Hassan, K. H. , M. S. Jassim and R. I. Khalil. 2008 . Effect of force molting on qualitative semen traits and fertilizing ability of broiler breeder males. Mesopotamia Journal of Agriculture , 36 ( 4 ) : 96 – 100.
6. Hassan, K. H. 2008. The effect of various semen diluents on fertility of Lohmann breeder flock . Journal of Diyala, 27 : 158 – 164.
7. Hassan, K. H. 2006. Study for cock semen traits after holding at various storage temperatures in broiler breeder flock. Al-Fattah Journal, 26: 21 – 32.
8. Hassan, K. H. , K.A. Al- Soudi and B.T. O. Al- Tikriti. 2002 . Response to genetic selection for some semen traits of local barred cocks. The Iraqi Journal of Agricultural Sciences, 33(5) : 195 – 200.
9. Hassan, K. H. , K.A. Al- Soudi and B.T. O. Al- Tikriti. 2002 .Genetic parameters for semen traits of barred indigenous cocks. The Iraqi Journal of Agricultural Sciences, 33(5) : 185 – 188.
10. Hassan, K. H. , K.A. Al- Soudi and B.T. O. Al- Tikriti . 2002 .The effect of genetic selection for some semen traits of local barred cocks on reproductive and productive traits of offspring. The Iraqi Journal of Agricultural Sciences, 33(5): 189 – 191.
11. Hassan , K. H. and H. J. Al- Daraji . 2003 . Effect of various cryoprotectant agents on fertility of cock semen freezing in liquid nitrogen . The Iraqi Journal of Agricultural Sciences, 34(2): 203 – 208 .
12. Hassan , K. H. , K.A. Al- Soudi, H. J. Al- Daraji and B.T. O. Al- Tikriti. 2003 .The effect of genetic selection for some semen traits on histological traits of testes in local barred cocks . The Iraqi Journal of Agricultural Sciences, 34(3): 231 – 236.

13. Hassan K. H. , B.T. O. Al- Tikriti, H. J. Al- Daraji and K.A. Al- Soudi. 2003 . Correlation coefficients between semen traits and histological traits of testes in barred local cocks. The Iraqi Journal of Agricultural Sciences, 34(3): 227 – 230.
14. Al- Daraji H. J. , and K. H. Hassan . 2003 . Effect of age and season on seminal plasma traits of indigenous cocks selected on the basis of spermatozoon concentration and abnormality. The Iraqi Journal of Agricultural Sciences, 34( 6 ) : 209 – 218.
15. Hassan, K. H. , K.A. Al- Soudi and B.T. O. Al- Tikriti . 2003 .The effect of mating systems on fertility and hatchability of indigenous barred chickens. The Iraqi Journal of Agricultural Sciences, 34(2): 203- 208.
16. Al- Daraji, H. J., B.T. O. Al- Tikriti, K. H. Hassan and K.A. Al- Soudi .2003. Study of the histological traits of testes during different ages in local barred roosters . The Iraqi Journal of Agricultural Sciences, 34(1): 143 – 150.
17. Al- Daraji , H. J. , K. H. Hassan and F. F. Ibrahim.2002.Comparison of the effect of various cryoprotective agents on biochemical traits of Iraqi roosters semens. The Iraqi Journal of Agricultural Sciences 33(2): 315 – 320.
18. Al- Daraji, H. J. , K. H. Hassan and F. F. Ibrahim .2002 .Influence of various cryophylactic agents on roosters semen. The Iraqi Journal of Agricultural Sciences, 33(1) : 213 – 216.
19. Al- Daraji H. J., D. H. Al- Hassani , K.A. Al- Soudi , K. H. Hassan and B.T. O. Al- Tikriti. 2002.Study of the seminal plasma traits and fertilizing ability of barred indigenous cocks selected on the basis of spermatozoon concentration and abnormality. The Iraqi Journal of Agricultural Sciences, 33 (2): 207 – 210.
20. Al- Daraji, H. J. , K. H. Hassan and K.A. Al- Soudi. 2005. Effect of selection for percentage of abnormal spermatozoa and number of spermatozoa on certain blood plasma components in indigenous barred chickens The Iraqi Journal of Agricultural

- Sciences, 36 (3): 69 – 74.
21. Hassan, K. H. 2005 . Study of some reproductive and productive traits at Puberty of local cocks. Journal of Diyala, 20 : 183 – 188.
  22. Hassan, K. H. 2006 .Effect of insemination dosages and the time of artificial insemination on fertility of broiler breeder flock. Journal of Diyala, 22: 43 – 54.
  23. Hassan, K. H. 2006 . Study of some body measurements at various ages and its correlations with some productive traits in local barred chickens. Journal of Diyala, 24 : 1 – 7.
  24. Raad, S. M. , S. M. Al- Mohammadi and K. H. Hassan. 1991. Comparison of fertility between natural mating and artificial insemination using various dilution rates in indigenous chicken . The Iraqi Journal of Agricultural Sciences, 22 (2) 81 – 88.
  25. Raad, S. M. , S. M. Al- Mohammadi and K. H. Hassan. 1991. Effect of age and plumage colors on some productive traits in indigenous chickens. The Iraqi Journal of Agricultural Sciences, 22 (2) 117-125.
  26. Hassan, K. H. 2013. EVALUATION OF PRODUCTIVE PERFORMANCE OF JAPANESE QUAIL IN SUMMER OF IRAQ. Diyala Agricultural Science Journal, 5 (2): 69 – 80.
  27. Hassan, K. H. , Ahmad A. Ahmad, Thana A. Dawood, Noor K. Fadil. 2013 . STUDY OF DRESS PERCENTAGE AND RELATIVE WEIGHTS OF CARCASS PARTS IN VARIOUS AGES OF JAPANESE QUAIL IN IRAQ. Diyala Agricultural Science Journal, 5 (2): 92 – 103.
  28. Hassan Khalid Hamid, Ali Rafea Abd – Alsattar, Homam Abed Alkareem Yassen, Haeder Thier Abed, Dalal Abed Alrazak Abdul Wahab. 2015. Effect of Variety, Age and Sex in Some Productive Traits in Japanese Quail in Iraq. American Journal of Bio-Science. Vol. 3, No. 2, 2015, pp. 55-58.  
doi:10.11648/j.ajbio.20150302.15
  29. Khalid Hamid Hassan, Ali Rafea Abd–Alsattar. Effect of Genotype and Genotype – Environment Interaction on Productive Performance of Japanese Quail Varieties. American Journal of BioScience. Vol. 4, No. 4, 2016, pp. 49-52. doi: 10.11648/j.ajbio.20160404.12

30. Khalid Hamid Hassan, Ali Rafea Abd Alsattar. Effect of Egg Storage Temperature and Storage Period Pre-incubation on Hatchability of Eggs in Three Varieties of Japanese Quail. *Animal and Veterinary Sciences. Special Issue: Recent Trends in Animal Production and Healthcare. Vol. 3, No. 6-1, 2015, pp. 5-8.*  
doi: 10.11648/j.av.s.2015030601.12.
31. Hussain, I. A., and K. H. Hassan. 2017. EFFECT OF DIALLEL CROSS BETWEEN THREE VARIETIES OF JAPANESE QUAIL *Coturnix coturnix japonica* IN SOME BLOOD TRAITS. *Diyala Agricultural Sciences Journal*, 9(2) 72 – 89.
32. Hassan, K. H. and I. A. Hussain. 2017. EFFECT OF DIALLEL CROSS BETWEEN VARIETIES OF JAPANESE QUAIL ON MEAT PRODUCTION TRAITS. *Diyala Journal of Agricultural Sciences*, 9(Special Issue): 52-65.
33. Hassan, K. H. and M. M. Ali. 2017. The Performance of Ross 308 and Arbor Acres Broiler Breeder and their Commercial Broiler in Iraq. *Journal of Global Pharma. Technology*, 12(09): 376-379.
34. Hassan, K. H. and M. M. Ali. 2018. EFFECT OF RECIPROCAL CROSS BETWEEN ROSS 308 AND ARBOR ACRES BROILER BREEDER LINES ON GROWTH PERFORMANCE OF PROGENY. *Diyala Journal of Agricultural Sciences*, 10(Special issue): 194-202.
35. Hassan, K. H. and W. F. Ali. 2018. Effect of Force Molting on Blood Parameters of Broiler Breeder Hens. *Journal of Global Pharma. Technology*, 10(05):71-74.
36. Hassan, K. H. and W. F. Ali. 2018. EFFECT OF FORCE MOLTING ON EGG PRODUCTION AND EGG QUALITY TRAITS OF BROILER BREEDER HENS. *Diyala Journal of Agricultural Sciences*, 10(Special issue): 210-216.
37. Fadhil, M.A. and Hassan, K.H., 2018. Divergent Genetic Selection for Body Weight at Four Weeks Age in Japanese Quail. *Journal of Global Pharma. Technology*, 10(11): 612-616.
38. Hassan K. H., and M. A. Fadhil .2019. Genetic selection for body weight in japanese quail (*Coturnix coturnix japonica*) under different nutritional environments. *Adv. Anim. Vet. Sci.* 7(7): 526-529.

39. Hameed, N.M. and K.H. Hassan . 2019. EFFECT OF AGE AT SEXUAL MATURITY OF DAMS ON MEAT PRODUCTION PERFORMANCE OF JAPANESE QUAILS. Plant Archives, 19(2):1480-1482.
40. Hassan, K. H. and N. M. Hameed. 2019. Effect of Age at Sexual Maturity of Quail Dams on Egg Production and Egg Quality Traits of Their Progeny. Biochemical and Cellular Archives. Accepted for publishing. 02, No. (Issue 1), May 2020.
41. Hassan, B. F. and K. H. Hassan. 2020. EFFECT OF GENETIC SELECTION FOR EGG MASS ON MEAT PRODUCTION TRAITS OF PROGENY IN JAPANESE QUAIL. Biochem. Cell. Arch., 20(1): 339-342.

### Seventh: Curriculum Taught

No.	Subject/ Course Name	Stage
1	Statistics	1 <sup>st</sup> stage
2	Principles of Genetics	2 <sup>nd</sup> stage
3	Experimental Design and Analysis	3 <sup>rd</sup> stage
4	Poultry Breeding	4 <sup>th</sup> stage
5	Advance Experimental Design and Analysis	Postgraduate students
6	Advance Poultry Breeding	Postgraduate students
7	Advance Animal Genetics	Postgraduate students
8	Development	Postgraduate students
9	Computer Application in Statistical Analysis	Postgraduate students
10	Quantitative Genetics	Postgraduate students



### **Eighth: Supervision of Masters and PhDs**

<b>No.</b>	<b>Master/ PHD</b>	<b>Student's Name</b>	<b>Thesis's Title</b>
<b>1</b>	<b>Master</b>	<b>Ali Rafea Abd- Alsattar</b>	<b>Study of productive performance of three varieties of Japanese quail during Autumn and Spring in Iraq</b>
<b>2</b>	<b>Master</b>	<b>Israa Abood Hussain</b>	<b>Effect of diallele cross between three varieties of Japanese quail on some productive and physiological traits</b>
<b>3</b>	<b>Master</b>	<b>Maha Mahdi Ali</b>	<b>Effect of Diallele Cross between Broiler Breeder Parents on some Production and Physiological Traits</b>
<b>4</b>	<b>Master</b>	<b>Wisal Fadil Abbas</b>	<b>Effect of induced molting of Production and Physiology performance of Ross 308 and Arbor Acres Broiler Breeder and Their progeny.</b>
<b>5</b>	<b>Master</b>	<b>Mona Abbas Fadhil</b>	<b>Divergent Genetic selection for live body weight in Japanese quail and its effect on some productive and Physiological traits of their progeny.</b>
<b>6</b>	<b>Master</b>	<b>Bushra Flaeh Hassan</b>	<b>Divergent Genetic Selection of Egg Production in Japanese Quail.</b>
<b>7</b>	<b>High Diploma</b>	<b>Noora Majid Hameed</b>	<b>Effect of Age at Sexual Maturity of Quail Dams in Some Productive Characteristics of Progeny</b>

### **Ninth: Membership in Scientific Associations**

<b>No.</b>	<b>Association Name</b>	<b>Association Headquarters</b>	<b>Membership Type</b>
<b>1</b>	<b>World Poultry Sciences Association ( WPSA)</b>	<b>USA</b>	<b>Member</b>
<b>2</b>	<b>Iraqi Poultry Sciences Association</b>	<b>Iraq</b>	<b>Founding member</b>
<b>3</b>	<b>Agricultural Engineers Association</b>	<b>Iraq</b>	<b>Member</b>
	<b>Teachers Syndicate</b>	<b>Iraq</b>	<b>Member</b>

## Tenth: Training Courses

No.	Training Course Name	Reconvened place	Reconvened Date
1	Development of Academic staff outside Iraq	Putra - Malaysia	15 / 11 / 2011
2	Interactive smart whiteboard	Univ. of Diyala	18 / 4 / 2012
3	Iraqi Virtual Library Course	Univ. of Diyala	7 / 1 / 2013
4	DESIGNING INTERACTIVE EDUCATIONAL ONLINE COURSES	Malaysia	Certificate url : cert.arid.my/239
5	Improvement of E- Learning according to international Experiments.	Gordon - Swedish Iraqi Studies Network	No.:111      Date: 18 .01.2020
6	Journal Selection Process	Web of Science Group	May 20th, 2020 from 1pm to 2pm via .WebEx
7	E-learning breaking time, Space, and Pandemic	University of Kufa	2020

**Eleventh: Accomplishes and other scientific activities (books author, patented, translated books, assistant book, scientific articles, etc.)**

No.	Accomplish Name	Number and Date Order for accomplish	Accomplish Details
1	Poultry Breeding	Deposit number in the bookstore and documents 267 in 2011 ISBN (978-9922-20-016-3)	Book author: A Curriculum book to teach the course of poultry Breeding for the 4th stage - College of Agriculture - Iraq
2	Guide of Writing Academic Thesis	Deposit number in the bookstore and documents 582 in 2016 ISBN (978-9922-20-017-0)	Book author: Guide for the Postgraduate students
3	Principles of Genetics	Deposit number in the bookstore and documents 26 in 2017 ISBN (978-9922-20-015-6)	Book author: A Curriculum book to teach the course of Principles of Genetics for the 2 <sup>nd</sup> stage - College of Agriculture - Iraq
4	Genetics of Fowl Semen Traits	ISBN 978-620-0-06728-9	Publisher : NOOR Publishing
5	Guide To Agricultural Lab. Analysis	ISBN 978-9922-9769-4-5	
6	Patent 5766	5766 in 12 / 5 / 2019	
4	Patent 6212	6212 in 26 / 2 / 2020	
5	Genetic engineering and continuous debate	New Horizons Magazine Issue 2006	Article
6	The impact factor and its relation to quality standards in scientific Journals	New Horizons Magazine Issue 2016	Interview
7	Scientific research and the welfare of society	College of Agriculture Website	Academic Article
8	Epigenetics inherited across the generations	College of Agriculture Website	Academic Article

<b>9</b>	<b>Production of the Biofuels and its impact on global food security</b>	<b>College of Agriculture Website</b>	<b>Academic Article</b>
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