

CURRICULUM VITAE



Personal Information

Mr. Hemin Hussein Ali

M. Sc. in Biotechnology

House No. 224B, Alley 1, 271 Tobzaway Ahmedi Quarter (Zhyan), Erbil, Iraq

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E-mail ID: Hemin.ali@su.edu.krd

Sex: Male , Date of birth: 09/11/1984, Nationality: Iraqi

Academic Record

- **Master of Science (Biotechnology)** from Bangalore University, Bangalore, India. (2013), Overall Mark; **Distinction First Class.**
- **Bachelor of Science (Animal production- Agriculture College)** from Sulaimani University, Sulaimani, Iraq. (2008), (Average grade); **(78.49%)**.

Summary of Qualification after M. Sc.:-

- I went to India on 2/8/2011 to Study M. Sc. And I came back on 28/7/2013 to my country. After, I got M. Sc. in **Biotechnology** from Bangalore University, Bangalore, India. (2013).
- Scientific Title (Assistant Lecturer) on 31st / March/ 2014, Salahaddin University- Erbil, Erbil, Iraq. Working as an assistant lecturer at the department of Animal Resources, College of Agricultural Engineering Sciences, Salahaddin University- Erbil, Erbil, Iraq until now.

Currently, I am a member of the **College Exams Committee** for the year (2021/2022)

Currently teaching modules;

Animal biotechnology, Principle of Microbiology, Principle of Biostatistics, General Zoology, and Principle of Biochemistry for many semesters and supervising final year undergraduate students' Research Projects, at the **Department of Animal Resources and Unit of Basic Sciences in**, College of Agricultural Engineering Sciences, Salahaddin University- Erbil, Erbil, Iraq.

❖ **I have been the following Administrator:**

- **Administrator** (Administrative officer) in our College; **College Registrar** of Registration Section from 24th /October/ 2019 until 24th /September/ 2020, I got corona disease, then I left
- **Administrator of Planning Unite of College** from 19th /May/ 2019 until 8th /September/ 2019
- **Administrator of Library Unite of College** from 22nd /February /2017 to 19th /May/ 2019.

PERSONAL SKILLS

Also, I can teach these modules:

Plant & Agricultural Biotechnology, Genetic Engineering, Environmental Biotechnology, Bioinformatics, Genetics, Molecular Biology, Cell Biology, and Immunology

- Supervisor of Summer Training of 3rd stage undergraduate students of the Department of Animal Resources.
- Supervising final year undergraduate students' research Projects
- Laboratory – Since 2010, I have had extensive laboratory skills due to continuous works in the labs especially in the time of undertaking research projects in India during my M. Sc. study.
- Member of more than 24 committees within the College of Agricultural Engineering Sciences to follow-up and organize all issues related to scientific problems, research projects, field works, laboratories, undergraduate students, academic staff, planning, health, and safety.
- In charge of Microbiology Lab.
- Use of Bioinformatics Resources.
- Research – Extensive research skills using the internet and university libraries.
- Time Management – I understand time management skills that allow me to take care of responsibilities quickly.
- Can work under pressure with/without a leader and capable to find solutions to problems
- Workshops, Seminars, Assignments, Presentations...

Summary of Qualification after B. Sc.:-

- After my graduation, I employed at Registration unite College of Agricultural Engineering Sciences, Salahaddin University- Erbil, Iraq from 20th/August/2009 to 14/9/2010. **My major where was;**
 - 1- Responsible for all administration works related to Creating certifications.
 - 2- Creating Graduate Certification (B. Sc.) with marks and Creating Graduate Certification for employment.
 - 3- Creating supporting latter for Kurdistan Agriculture Engineering Syndicate and other private sectors and Checking students' document
- I transmitted my duty to Animal Resources Dept. same College As sub assistant lecture on 14th /September/2010, **May major duty where was:**
 1. Teaching Assistant in practical lectures including beef production, poultry production, Principle of Microbiology, Principle of meat technology, and Principle of Genetics with teachers Scientific Titled (Prof., Dr., and assistant lecturer).
 2. I have shared the activity of students' projects in the practical field.
 3. I shared in the brooding and management of broiler and their hatchery.

Technical Expertise and Exposure:

- **Molecular Biology:** Isolation of genomic/ plasmid DNA, Isolation of mitochondria, Restriction Digestion Enzyme, Agarose electrophoresis (Agarose, SDS-PAGE), cloning, Transformation, Polymerase Chain Reaction (PCR), Spectrophotometer, and karyotyping, Spectrophotometric Analysis, ELISA.
- **Bio-Chemistry:** Chromatographic techniques, HPLC and TLC. Ultrasonication.
- **Bioinformatics tools:** Restriction mapping, Sequence (FASTA and BLAST) searches, Multiple alignments of sequences, Phylogenetic analysis, Database Search (NCBI), and Primer Design, Ex-Ex Primer & Primer plus3.
- **Microbiology:** Microbial Culture & General Microbiological Techniques, Plate pouring, streaking and spreading, Transformation (in Bacteria), Cell plate counting and cell dilution.

Computer Proficiency

- Windows system
- MS-Office (Word, Excel and PowerPoint).
- AutoCAD Program (2D).

Published Research Projects:

Hemin Hussein Ali Omarbly, Dilger Maghded Khdr, Rozhgar A. Khailany, Aram M. Ahmed, and Shirkoo Ameen Fateh Salai. "EVALUATION OF GENETIC VARIABILITY BETWEEN THREE LINES OF CHICKENS BASED ON RAPD-PCR AND 18S rRNA GENE SEQUENCING IN ERBIL (IRAQI KURDISTAN REGION)." *Mesopotamia Journal of Agriculture* 49, no. 3 (2021): 12-26.

doi:10.33899/magrj.2021.129979.1129, (2021).

Hemin Hussein Ali, Dilger Maghded Khdr, Aram M. Ahmed, Shirkoo Ameen Fateh Salai, and Rozhgar A. Khailany. "Evaluation of Genetic Variability between Local White Chicken and Commercial Lines by RAPD-PCR and Sequencing of 18s rRNA Gene." *Kirkuk University Journal-Scientific Studies* 17, no. 2 (2022): 1-10.

doi:10.32894/kujss.2022.174517

Ongoing Research Projects:

Molecular genetics of mt DNA for detection of adulteration of milk products species by PCR-RFLP technique, Projects' registration number: 3.1.5823 Date: 28.06.2020

Personal Details

Name: Hemin
Date of birth: 09-11-1984
Marital Status: Married
Gender: Male
Father's Name: Hussein Ali
Mother's Name: Fareeda Abdullah
Nationality: Iraqi
Languages known: Kurdish, English, and Arabic
Strengths: Confident, Determined, Team Player
Outside Interest: Playing volleyball, football, Badminton, Reading Books

Date: 16/7/2022

Place: Erbil / Iraq

SIGNATURE