

## CURRICULUM VITAE

### *1- Personal Info*

- **Full Name: Ibrahim Omar Saeed Malko Al-Hamdany**
- **Date and place of Birth: 1977 Nienevah**
- **Marital Status: Married**
- **Number of Children: 4**
- **Academic Attainment: Doctorate**
- **Major: General: Biology**  
**Specific: Ecology/Plant Environment**
- **Job Title: University Professor**
- **Scientific Rank: Professor**
- **Current Position: instructor**
- **Work Address: Tikrit Univ./College of Science**
- **Mobile No. : 07701723099**
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### **\*FIRST: ACADEMIC QUALIFICATIONS**

| No. | Degree    | Major             | University | Country | Grade     | Date Obtained |
|-----|-----------|-------------------|------------|---------|-----------|---------------|
| 1.  | Bachelors | Biology           | Mosul      | Iraq    | Good      | 1999          |
| 2.  | Masters   | Plant Texture     | Mosul      | Iraq    | Very Good | 2002          |
| 3.  | Doctorate | Plant Environment | Tikrit     | Iraq    | Very Good | 2010          |

### **\*SECOND: ACADEMIC RANK**

| Rank                | Date obtained |
|---------------------|---------------|
| Assistant Lecturer  | 2003          |
| Lecturer            | 2006          |
| Assistant Professor | 2011          |
| Professor           | 2017          |

### **\*THIRD: UNIVERSITY TEACHING**

| No. | College                                      | University        | Period from – to |
|-----|--|-------------------|------------------|
| 1.  | College of Science–<br>Department of Biology | Tikrit University | 2003–till now    |

### **\*FOURTH: COURSES TAUGHT**

| No. | Undergraduate         | Postgraduate                          |
|-----|-----------------------|---------------------------------------|
| 1   | General Biology       | Plant Physiology – Advanced for M.Sc. |
| 2   | Plant Anatomy         | Plant Environment for M.Sc.           |
| 3   | Plant Classification  | Growth and Disclosure for M.Sc.       |
| 4   | Plant Physiology      | Environment– Advanced for M.Sc.       |
| 5   | Plant Environment     | Plant Environment–Advanced–for Ph.D.  |
| 6   | Ecology and Pollution | Plant Extracts for Ph.D.              |
| 7   | Biological Control    | Plant Metabolism for Ph.D.            |
| 8   |                       | Animal Environment for M.Sc.          |

**\*FIFTH: – SUPERVISION OF THESES & DISSERTATIONS**

| No. | Title of Dissertation or Thesis   | Department | M.Sc. or Ph.D. | Year |
|-----|---|------------|----------------|------|
| 1   | Treatment of wastewater by physical methods and the study of its physiological, textural and anatomical effects in celery plant <i>Apiumgraveolens L.</i> and radish <i>RaphanussativusL.</i> | Biology    | M.Sc.          | 2013 |
| 2   | A study of the culture of the Lower Zab tributary and its impact on the Tigris River.   | Biology    | M.Sc.          | 2014 |
| 3   | An environmental and bacteriological study of the Wund River and its effect on the Diyala River   | Biology    | M.Sc.          | 2016 |
| 4   | Wastewater treatment using types of algae   | Biology    | M.Sc.          | 2017 |
| 5   | Pollution of road edges with a combination of heavy elements  | Biology    | M.Sc.          | 2017 |

**\*SIXTH: ACADEMIC CONFERENCES, SEMINARS AND SCIENTIFIC WORKSHOPS ATTENDED**

| No. | Title   | Year | Place   | Type of Participation<br>(Researcher, Poster, Attendance) |
|-----|---|------|---|---|
| 1.  | The first scientific agricultural conference under the slogan Towards self-sufficiency of agricultural products in the Kurdistan Region of Iraq.        | 2012 | Duhok University,<br>College of Agriculture   | Researcher  |
| 2.  | The First scientific conference of Biology  | 2012 | Baghdad University,<br>College of Science     | Researcher  |
| 3.  | Second Scientific Conference of Environmental Research  | 2012 | Madina AlElm University College/<br>Baghdad   | Researcher  |
| 4.  | 'Our environment is the legacy of our forefathers, and honesty for our grandchildren'.  | 2012 | Mosul University /<br>College of Environme    | Researcher  |
| 5.  | Second Scientific Conference of the Department of Biology   | 2012 | Mosul University /<br>College of Education    | Researcher  |
| 6.  | The Second Scientific Conference of the Faculties of Pure Sciences / under the slogan: (Pure Science is creativity renewed and formation deeply rooted) | 2012 | Al-Anbar University /<br>College of Science   | Researcher  |
| 7.  | The Second International Scientific Conference / Under the slogan : Agricultural Scientific Research is a strategic path to achieving food security     | 2013 | Kirkuk University /<br>College of Agriculture | Researcher  |
| 8.  | Seventh International Scientific Conference of the  | 2014 | Tikrit University /<br>College of Education   | Researcher  |

|            |   |             |   |                   |
|------------|---|-------------|---|-------------------|
|            | <b>College of Education for Pure Sciences</b>   |             | <b>For Pure Sciences</b>                                  |                   |
| <b>9.</b>  | <b>The second scientific conference of the University of Germian under the slogan: "Science in the service of society and its development"</b>                            | <b>2015</b> | <b>Germian University</b>                                 | <b>Researcher</b> |
| <b>10.</b> | <b>Environmental Pollution</b>  | <b>2014</b> | <b>Tikrit University / College of Education for Women</b> | <b>Researcher</b> |
| <b>11.</b> | <b>Environmental pollution studies as a cornerstone of development</b>  | <b>2016</b> | <b>Tikrit University / College of Science</b>             | <b>Attendance</b> |
| <b>12.</b> | <b>A workshop in question-asking and test-construction strategies</b>   | <b>2013</b> | <b>Tikrit University / Continuing Education Center</b>    | <b>Researcher</b> |
| <b>13.</b> | <b>The 8th International Scientific Conference on Biological Sciences in conjunction with the 21st International Conference of the Egyptian-German Society of Zoology</b> | <b>2016</b> | <b>University of Tanta / Convention Center / Egypt</b>    | <b>Researcher</b> |
| <b>14.</b> | <b>The Second Annual International Scientific Conference of the Southern Technical University</b>   | <b>2017</b> | <b>Southern Technical University/ Basra Governorate</b>   | <b>Researcher</b> |
| <b>15.</b> | <b>The Sixth Scientific Conference of Agricultural Research 28 - 29/3/2017</b>  | <b>2017</b> | <b>Tikrit University / College of Agriculture</b>         | <b>Attendance</b> |
| <b>16.</b> | <b>The First National Symposium on Plant Pathology Management and Fungal toxins</b>   | <b>2017</b> | <b>Baghdad University / College of Agriculture</b>        | <b>Attendance</b> |
| <b>17.</b> | <b>The 13th International Scient</b>  | <b>2017</b> | <b>Trakya University /</b>                                | <b>Researcher</b> |

|     |  |      |   |   |
|-----|--|------|---|---|
|     | Conference on Ecology and Environment  |      | Turkey  |   |
| 18. | Environmental and climatic changes in Iraq and the World   | 2017 | Baghdad University / College of Engineering / Al-Khawarizmy | Researcher  |
| 19  | Awareness about the excess use of antibiotics  | 2017 | Tikrit University / Faculty of Engineering / Khwaja Hall    | Chairman of the scientific committee of the symposium |
| 20  | The Second International Conference of Science and Literature under the slogan: Towards a Scientific Research the Period of 7-8 March 2018 the University of Babylon | 2018 | University of Babylon                                       | Researcher  |
| 21  | Conference on Genetics and Fifth International Environmental   | 2018 | Baghdad   | Member of the Media Committee of the Conference       |

**\*SEVENTH: - COMMITTEES**

| No. | Committee Type   |            |           |           | Position in Committee |
|-----|--|------------|-----------|-----------|-----------------------|
|     | Administrative   | Scientific | Financial | Technical |                       |
| 1.  | Committee for visiting student dormitories of the College of Science   |            |           |           | Head                  |
| 2.  | Procurement Committee  |            |           |           | Head                  |
| 3.  | Committee for the application of Academic Leave of the College of Science for the academic years 2014-2017                   |            |           |           | Head                  |
| 4.  | Committee for the distribution of students in the scientific departments for the years 2014-2017                             |            |           |           | Head                  |
| 5.  | Psychological and Educational guidance committee   |            |           |           | Head                  |
| 6.  | Committee for the receipt of scientific and cultural activities in the College of Science for the year 2014-2015             |            |           |           | Head                  |
| 7.  | Auditing Committee for students admission documents for the academic year 2014-2015  |            |           |           | Head                  |
| 8.  | Preparatory Committee for the Fourth Scientific Student Conference of the College of Science For the academic year 2014-2017 |            |           |           | Head                  |
| 9.  | Records inventory and missing grades committee   |            |           |           | Head                  |

|     |  |        |
|-----|--|--------|
| 10. | Committee for the ruining or burning of old examination books  | Head   |
| 11. | Committee of the annual inventory compliance of the College of Science   | Head   |
| 12. | Auditing Committee of Examination Books and reviewing objections submitted by applicants for postgraduate studies                                  | Head   |
| 13. | Committee for issuing a letter of all instructions and regulations of the Ministry of Higher Education and Scientific Research for the period 2016 | Head   |
| 14. | Committee for reviewing objections of postgraduate Students for all scientific departments.  | Head   |
| 15. | Committee for Student Discipline in the College of Science for the academic years 2014–2017  | Head   |
| 16  | Committee for Student Discipline in the dept. of Biology for academic years 2017–2018  | Head   |
| 17  | Committee for the preparation of brochures and website of the postgraduate students researches conference  | Head   |
| 18  | Committee for Plagiarism detection of Researches Presented for academic promotion in the department  | Member |
| 19  | Central Committee for supervising the conduct of final examinations for the academic years 2014–2017   | Member |
| 20  | Committee for the development of laboratories in the Dormitories for the academic year 2015  | Member |
| 21  | Graduation Research Project Discussion Committee for the academic years 2014–2017  | Member |
| 22  | Central Committee for the dealing with Hazardous and toxic biological and chemical materials   | Member |
| 23  | Scientific Committee of the General Student Conference in the University   | Member |
| 24  | Examination Committee in the department  | Member |
| 25  | Plagiarism detection committee of M.Sc. Thesis and Ph.D. Dissertations   | Member |
| 26  | Follow-up Committee for students living in the Dormitories   | Member |
| 27  | The central committee for scientific promotions in the College of Science  | Member |

|    |  |        |
|----|--|--------|
| 28 | Central Committee for the selection of the first three Winning graduate students researches for the Academic years 2015–2017   | Member |
| 29 | Supervision and follow–up committee for conducting the competitive exams and applying for postgraduate studies for the academic years 2015–2018  | Member |
| 30 | Auditing committees headed by the University Presidency  | Member |
| 31 | Committee for the study of the actual case of the university concerning the corresponding specializations in the colleges and scientific departments in terms its specialization and genus | Member |
| 32 | Committee for the reformulation and standardization of for frameworks for theses and dissertations   | Member |
| 33 | Committee for preparation and formation of subcommittees for the University Day  | Member |
| 34 | Comprehensive Examination Committee for Ph.D. Students in the Colleges of Science and Agriculture, 2016–2017   | Member |
| 35 |  |        |

**\*EIGHTH: - RESEARCH PROJECTS IN THE FIELD OF SPECIALIZATION FOR SERVING ENVIRONMENT AND SOCIETY OR THE DEVELOPMENT OF EDUCATION**

| No. | Research Title   | Place of Publication                 | Publication Year |
|-----|--|--------------------------------------|------------------|
| 1.  | Effect of <i>Indole– Butyric Acid (IBA)</i> on the growth and production of wheat yield components   | Tikrit Journal of Pure Science       | 2005             |
| 2.  | Effect of different concentrations of <i>Indole– Butyric Acid (IBA)</i> on the growth and components of barley yield type ( <i>Hordeum Vulgar L.</i> ) under different irrigation periods. | Tikrit Journal of Pure Science, No.2 | 2005             |
| 3.  | Effect of Different  | Journal of Tikrit                    | 2006             |

|            |  |   |             |
|------------|--|---|-------------|
|            | <b>Concentrations of Growth Regulator (<i>ANA</i>) on the yield and Components for Two Cotton Classes of Type <i>Gossypium Hirsutum L.</i></b> | <b>University for Agricultural Sciences,</b>  |             |
| <b>4.</b>  | <b>Testing efficiency of plant <i>Convolvulus sp.</i> in plant treatment of Sewage water</b>   | <b>Journal of Tikrit University for Agricultural Sciences,</b>  | <b>2010</b> |
| <b>5.</b>  | <b>Effect of some heavy elements on the growth of wheat plant type <i>Triticum aestivum L.</i></b>   | <b>Journal of University of Anbar For Pure Science</b>  | <b>2011</b> |
| <b>6.</b>  | <b>The validity of some newly dug wells in the Rabia area of Mosul city for different uses</b>   | <b>Tikrit Journal of Pure Science</b>   | <b>2011</b> |
| <b>7.</b>  | <b>Efficiency Evaluation of (<i>Phragmites Australis</i>) as initial treatment for some of the sewage water in Mosul city.</b>                 | <b>Proceedings No.7 of the First Scientific Conference of the Department of Biology on 06 / 03/2012</b> | <b>2012</b> |
| <b>8.</b>  | <b>The validity of some wells in the villages and districts of Salahdin Governorate for different uses</b>                                     | <b>Journal of Education and Science/ Journal 25</b>   | <b>2012</b> |
| <b>9.</b>  | <b>Efficiency testing of (<i>Phragmites Australis</i>) as phytoremediation in the sewage water of Alkarazee valley course in Mosul city.</b>   | <b>Journal of univ.of Duhok, vol,15,No,1.</b>   | <b>2012</b> |
| <b>10.</b> | <b>Effect of lead ,cadmium and zinc on germination and seedling growth of wheat (<i>Triticum aestivum</i></b>                                  | <b>Seventh Scientific Conference of the College of Education/</b>                                       | <b>2012</b> |



|     |   |  |      |
|-----|---|--|------|
|     | L.)   | University of Tikrit<br>For the period<br>6-7 / 2012 /   |      |
| 11. | A qualitative study of groundwater for some wells of Al-Mahalabiya area and its suitability for household uses  | Second Scientific Conference of Pure Sciences,<br>November 20-22   | 2012 |
| 12. | Studying the effect of different water sources on the morphological, anatomical and physiological characteristics of wheat plant type <i>Triticum aestivum L.</i>               | The 8th Scientific International Conference of the College of Education for Pure Sciences / Biology for the period 2-3 / 4/2014<br>Tikrit University | 2014 |
| 13. | A qualitative study and plant treatment of the water of Ain Subashi in the district of Tal Afar   | Radidain journal of Science/ University Of Mosul   | 2014 |
| 14. | Study of the effect of treated wastewater by sedimentation and filtration methods on the accumulation of trace elements in celery plant <i>Apium graveolens L</i>               | Kirkuk university journal for scientific studies   | 2015 |
| 15. | Evaluating the effect of using some chemical fertilizers on some physiological and genetic characteristics and some active substances of celery plant <i>Apium graveolens L</i> | Tikrit Journal of Pure Science   | 2015 |
| 16. | Evaluation study of some  | Proceedings of the   | 2014 |

|            |  |  |             |
|------------|--|--|-------------|
|            | <b>Water treatment stations in Samarra district / Iraq</b>   | <b>Second International Scientific Conference on Agricultural Research</b>   |             |
| <b>17.</b> | <b>The bioaccumulation of some heavy elements in the <i>Lycium shawii</i> and the <i>Tamarix Arabica</i> plants, Which were collected from the bottom Zab water tributary, Kirkuk Governorate, Iraq.</b> | <b>Zagazig Journal of Agricultural Sciences / college of Agriculture / Zagazig University / Egypt</b>  | <b>2016</b> |
| <b>18.</b> | <b>Effect of Bottom Zab tributary Water Pollutants on the Tigris River</b>   | <b>The First International Scientific Conference for Pure Sciences / College of Education / Kirkuk University</b>  | <b>2015</b> |
| <b>19.</b> | <b>Studying the physical and chemical characteristics for water sites of the Tigris river in the city of Mosul / Iraq</b>  | <b>Environmental conservation and Biodiversity XIII. Congress of Ecology and Environment With International Participation. 12–15 September 2017, Edirne.</b> | <b>2017</b> |
| <b>20.</b> | <b>Sterile wastewater treatment of dairy plant using two types of algae <i>Chlorella</i> and <i>Lyngbya</i></b>  | <b>Muthanna journal of Engineering and Technology</b>  | <b>2017</b> |
| <b>21.</b> | <b>Environmental impact on the quality of water of the</b>   | <b>The First International</b>   | <b>2017</b> |

|     |  |   |      |
|-----|--|---|------|
|     | Tigris River for a number of estuaries with different liquid deposits within the city of Mosul                           | Conference of the Kitab University College and in cooperation with the Swedish University of Lund |      |
| 22. | Evaluation of the water of the Wund River in the city of Khanaqin and its impact on the Diyala River                     | Proceedings of the Second International Scientific Conference for the period 1-2 / 3/2017         | 2017 |
| 24  | Treatment the Disinfected Drinking water by using twotype of Al Chlorella, Lyngebia                                      | MUTHANNA JOURNAL OF ENGINEERING AND TECHNOLOGY (MJET)   | 2017 |
| 23  | Measuring the concentration of Lead, Manganese and Nickel on the roadsides of Erbil city                                 | Al-utroha Journal Pure Science  | 2018 |
| 25  | Measurement of bacteria coliform fecal in four stations, President the liquidation of water in the Province Salah Aldain | Al-utroha Journal Environmental Science   | 2018 |

#### ADMINISTRATIVE POSTS

| No. | Post                                  | Institution        | Date held |
|-----|---------------------------------------|--------------------|-----------|
| 1.  | Assistant Dean for Scientific Affairs | College of Science | 2014-2017 |

#### SCIENTIFIC DISCUSSIONS

| No. | University  | College     | Committee Type | No. of Discussions | Nature of Membership |
|-----|-------------|-------------|----------------|--------------------|----------------------|
| 1.  | Mosul Univ. | Environment | M.Sc.          | 1                  | Chairman             |

|     |              |             |       |    |          |
|-----|--------------|-------------|-------|----|----------|
| 2.  | Mosul Univ.  | Education   | M.Sc. | 1  | Chairman |
| 3.  | Tikrit Univ. | Agriculture | M.Sc. | 1  | Chairman |
| 4.  | Tikrit Univ. | Education   | Ph.D. | 1  | Member   |
| 5.  | Mosul Univ,  | Education   | M.Sc. | 2  | Member   |
| 6.  | Anbar Univ.  | Science     | M.Sc. | 1  | Member   |
| 7.  | Tikrit Univ. | Science     | M.Sc. | 18 | Member   |
| 8.  | Tikrit Univ. | Science     | Ph.D. | 1  | Member   |
| 9.  | Mosul Univ.  | Science     | M.Sc. | 1  | Member   |
| 10. | Mosul Univ.  | Science     | M.Sc. | 1  | Chairman |

**\* SCIENTIFIC EVALUATION OF PROMOTION RESEARCHES, THESES,  
DISSERTATIONS**

| No. | Scientific Journal   | M.Sc. Thesis   | Promotion Research<br>Stimulation  |
|-----|--|--|--|
| 1   | Tikrit Journal of Pure Science<br>According to letter<br>No. 108 | College of Education / Department<br>of Biology / University of Mosul<br>According to letter No.<br>3/7/6339                 | Promotion<br>Researches for the<br>Rank of Lecturer–<br>Letter No. 6/10 T A                            |
| 2   | Tikrit Journal of Pure Science<br>According to letter<br>No. 326 | College of Agriculture/<br>Tikrit University   | University of Samar<br>Faculty of Engineer<br>Committee for the<br>consolidation of res<br>No. 49/2017 |
| 3   | Tikrit Journal of Pure Science<br>According to letter<br>No. 418 | College of Education for Pure<br>Science / Department of<br>Biology / Tikrit University<br>According to letter<br>No. 3/7/78 |  |
| 4   | Tikrit Journal of Pure Science<br>According to letter<br>No. 17  | College of Education for Pure<br>Science / Department of<br>Biology / Tikrit University<br>According to letter<br>No. 13/12  |  |
| 5   | Tikrit Journal of Pure Science<br>According to letter            | College of Education for Pure<br>Science / Department of   |  |

|           |   |  |  |
|-----------|---|--|--|
|           | <b>No. 303</b>  | <b>Biology / Tikrit University</b><br><b>According to letter</b><br><b>No. 3/7/2787</b>  |  |
| <b>6</b>  | <b>Tikrit Journal of Pure Science</b><br><b>According to letter</b><br><b>No. 645</b>   | <b>College of Agriculture/</b><br><b>Tikrit University</b><br><b>According to letter S/216</b>   |  |
| <b>7</b>  | <b>Tikrit Journal of Pure Science</b><br><b>According to letter</b><br><b>No. 215</b>   | <b>College of Education for Pure</b><br><b>Science / Department of</b><br><b>Biology / Tikrit University</b><br><b>According to letter</b><br><b>No. 3/7/2067</b>            |  |
| <b>8</b>  | <b>Tikrit Journal of Pure Science</b><br><b>According to letter</b><br><b>No. 120</b>   | <b>College of Science / Biology /</b><br><b>University</b><br><b>According to letter</b><br><b>No. 14/11/2017</b>  |  |
| <b>9</b>  | <b>Tikrit Journal of Pure Science</b><br><b>According to letter</b><br><b>No. 75</b>  | <b>College of Education for Pure</b><br><b>Science / Department of</b><br><b>Biology / Tikrit University</b><br><b>According to letter</b><br><b>No.7/18/174 in 9/1/2018</b> |  |
| <b>10</b> | <b>Tikrit Journal of Pure Science</b><br><b>According to letter</b><br><b>No. 235</b>   |  |  |
| <b>11</b> | <b>Tikrit Journal of Pure Science</b><br><b>According to letter</b><br><b>No. 75</b>  |  |  |
| <b>12</b> | <b>Kirkuk University</b><br><b>Journal for Scientific Studies</b><br><b>According to letter</b><br><b>No. 3716</b>              |  |  |
| <b>13</b> | <b>Journal of Environmental Studies/ Sohag</b><br><b>University/Egypt/</b><br><b>According to letter</b><br><b>No. 124-2014</b> |  |  |
| <b>14</b> | <b>Tikrit Journal of Pure Science</b><br><b>According to letter</b><br><b>No. 761</b>   |  |  |

|    |   |  |  |
|----|---|--|--|
| 15 | Journal of Tikrit<br>University for<br>Agricultural Sciences<br>According to letter<br>No. 81/35  |  |  |
|    | Tikrit Journal of Pure Science<br>According to letter<br>No. 761  |  |  |
|    | Tikrit University Journal of Agricultural<br>Sciences to letter no. 35/ 81  |  |  |
|    | Tikrit Journal of Pure Science<br>According to letter<br>No. 590  |  |  |
|    | Research evaluation<br>To Iraq Association of Genetic and<br>Environmental Resources Conservat-<br>-ion 5 <sup>th</sup> Sci.Conference of Genetic and<br>Environment . in 2018/2/10 |  |  |
|    | Research evaluation<br>To Iraq Association of Genetic and<br>Environmental Resources Conservat-<br>-ion 5 <sup>th</sup> Sci.Conference of Genetic and<br>Environment . in 2018/2/11 |  |  |
|    |   |  |  |
|    |   |  |  |

**\* PROFESSIONAL ASSOCIATIONS**

| No. | Association Name  | Registration  | Joined |
|-----|---|---|--------|
| 1.  | Egyptian Society of<br>Experimental Biology(ESEB)                             | Registered at<br>No.801   | 2004   |
| 2   | Egyptian Society for<br>Environmental Sciences(ESES)                          | Registered at<br>No.353   | 2004   |
| 3.  | Egyptian Plant Association<br>(EPA)   | Registered at<br>No.733   | 2004   |
| 4.  | Association of Genetic and<br>Environmental Resources<br>Conservation (AGERC) | Iraqi Scientific Society Authorized<br>by the Ministry of Higher Education and<br>Scientific Research Ministerial Order No. | 2018   |

– **Scientific journals**

- 1- **Chief Editor of the journal Environmental Science alutroha / ISSN /2518–0606. <http://www.alutroha.com>.**
- 2- **Review in Advances in Ecological and Environmental Research (ISSN 2517-9454, USA) Science Signpost Publishing <http://www.ss-pub.org>**

**\*NINTH: - AWARDS, CERTIFICATES AND LETTERS OF APPRECIATION**

| No. | Award, certificate or Letter of Appreciation | Awarding Institution                                 | No. of Awards | Obtaining Date |
|-----|--|--|---------------|----------------|
| 1.  | Letter of Appreciation                       | Minister of Higher Education and Scientific Research | 1             | 2007           |
|     |  |  | 1             | 2013           |
|     |  |  | 1             | 2014           |
| 2.  | Letter of Appreciation                       | President of Tikrit University                       | 1             | 2008           |
|     |  |  | 1             | 2011           |
|     |  |  | 1             | 2012           |
|     |  |  | 1             | 2013           |
|     |  |  | 4             | 2014           |
|     |  |  | 7             | 2015           |
|     |  |  | 6             | 2016           |
| 3.  | Letter of Appreciation                       | Dean of the College of Science                       | 1             | 2006           |
|     |  |  | 1             | 2007           |
|     |  |  | 1             | 2011           |
|     |  |  | 2             | 2013           |
|     |  |  | 1             | 2015           |
|     |  |  | 4             | 2016           |
|     |  |  | 9             | 2017           |
|     |  |  | 1             | 2018           |