

## السيرة الذاتية

أولاً :- البيانات الشخصية :

الاسم: د / عبد الوهاب عبد المعز عبد الوارث احمد

تاريخ الميلاد: 1964/5/3

جهة الميلاد : القوصية- أسيوط

الحالة الاجتماعية: متزوج ويعول

الجنسية : مصري

عنوان العمل : كلية الزراعة جامعة الأزهر - مدينه نصر - القاهرة

وكلية العلوم جامعة الملك سعود بالرياض.

عنوان المنزل : 43 ل- جاردينيا هايتس 2 - التجمع الخامس - القاهرة

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ثانياً :- المؤهلات العلمية:

1- بكالوريوس الزراعة-قسم الإنتاج الحيواني - جامعه الأزهر - مدينه نصر - القاهرة

سنة التخرج 1987 بتقدير عام جيد جداً.

2- ماجستير في العلوم الزراعية - إنتاج حيواني (إنتاج أسماك)- كلية الزراعة- جامعة الأزهر بالقاهرة -

سنه الحصول علي الماجستير 1993.

3- دكتوراه في تغذية ورعاية الأسماك - وحدة تغذية الأسماك - قسم العلوم البيولوجية- كلية العلوم-

جامعة بليموث- انجلترا - سنه الحصول علي الدكتوراه 2002.

ثالثاً :-الخبرات والتدرج الوظيفي:

- معيد بقسم الإنتاج الحيواني- كلية الزراعة - جامعة الأزهر بالقاهرة من 1989 إلي 1993

- مدرس مساعد - بقسم الإنتاج الحيواني- كلية الزراعة- جامعه الأزهر من 1993

إلي 1997- مدينه نصر - القاهرة.

- مدرس مساعد بعض من الوقت بقسم العلوم البيولوجية- جامعة بليموث انجلترا من

1999 - 2002.

- مدرس بقسم الإنتاج الحيواني - كلية الزراعة - جامعة الأزهر مدينة نصر - القاهرة من 2002 حتى 2009.
- استاذ مساعد بقسم الإنتاج الحيواني - كلية الزراعة - جامعة الأزهر مدينة نصر - القاهرة 2009 حتى 2022.
- أستاذ بقسم الإنتاج السمكي - كلية الزراعة - جامعة الأزهر مدينة نصر - القاهرة 5/2022 حتى الان.
- استاذ مساعد بقسم علم الحيوان - كلية العلوم - جامعة الملك سعود - الرياض من 2009 وحتى 2014.
- استاذ مشارك بقسم علم الحيوان - كلية العلوم - جامعة الملك سعود - الرياض من 2014 وحتى 2023.
- استاذ بقسم علم الحيوان - كلية العلوم - جامعة الملك سعود - الرياض من 2023 وحتى الان.

#### رابعاً :- النشاط العلمي والتطبيقي:

##### 1- حضور المؤتمرات

- حضور المؤتمر العلمي العالمي التاسع في غذاء وتغذية الأسماك المنعقد في ميازاكي Miyazaki باليابان في الفترة من 21-25/5/2000 بملصق Poster في المؤتمر بعنوان الحد الأمثل من المستويات المضافة إلى علائق اسماك القراميط من مخلفات مجازر الدواجن .
- حضور ورشة العمل الأولى لمناقشة فعاليات المؤتمرات الدولية بالإسكندرية 26 مارس 2006 التي قامت بتنظيمها جمعية البحر المتوسط للاستزراع المائي وحماية البيئة (أحد أعضاء اللجنة المنظمة).
- حضور المؤتمر العلمي العالمي الثامن في استزراع البلطي (ISTA) والمنعقد بمركز القاهرة الدولي للمؤتمرات بمصر في الفترة من 12-14 / 10/2008.
- حضور ندوة عن الدنا DNA والتي عقدت بجامعة الملك سعود في 24/5/2009
- حضور ندوة علمية عن نملة السمسم بقسم علم الحيوان كلية العلوم جامعة الملك سعود في الفترة من 24-26/5/2010
- حضور المؤتمر العلمي العالمي الخامس عشر في غذاء وتغذية الأسماك المنعقد في مولدا Molde بالنرويج في الفترة من 4-7/6/2012 بملصق Poster في المؤتمر بعنوان الاستجابة

الدموية والانزيمية لاسماك البلطي النيلي المعرضة لفترات طويلة وقصيرة لجرعات تحت مميتة من الزنك.

- حضور المؤتمر العلمي العالمي الحادي عشر في بيولوجيا الأسماك المنعقد في إدينبرا Edinbrugh اسكتلندا في الفترة من 3-7/8/2014 لقاء محاضرة Oral Presentation وبحث بعنوان القياسات الدموية والكيميائية وتراكم الكادميوم في عضلات اسماك البلطي النيلي المعرضة لتركيزات مختلفة من كلوريد الكادميوم.  
حضور دورات معايير الجودة بمركز تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة القاهرة 2013/7:

1- التخطيط الاستراتيجي

2- ادارة الازمات

3- الرقابة والمتابعة وتقييم الأداء

4- القيادة

5- صناعة القرار واتخاذة

6- إدارة التغيير

حضور دورات معايير الجودة بمركز تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة الأزهر /2021/6:

1- الإتجاهات الحديثة

2- المهارات الإدارية والقانونية

3- التخطيط الإستراتيجي

4- إدترة الوقت وضغوط العمل

5- إدارة الأزمات والكوارث

2- العضوية في النقابات المهنية والجمعيات العلمية

- نقابة المهن الزراعية.

- الجمعية المصرية للتغذية والأعلاف.

- جمعية البحر المتوسط للاستزراع المائي وحماية البيئة.

- الجمعية السعودية لعلوم الحياه.

#### 4- الدورات:

- حضور دورة تدريبية في مهارات الإرشاد الأكاديمي في 2022/12/13 م ولمدة 5 ساعات في عمادة تطوير المهارات لأعضاء هيئة التدريس - جامعة الملك سعود.
- حضور دورة السبورة الذكية لمدة 5 ساعات والتي عقدت بمبنى التعليم الإلكتروني والتعليم عن بعد جامعة الملك سعود في يوم 2010/2/15
- حضور دوره تدريبه عن مهارات وطرق التدريس لأعضاء هيئه التدريس ومعاونيهم في جامعه بليموث إنجلترا فبراير (2001).
- حضور دوره تدريبه عن طرق التدريس وتطوير التعليم والمنعقدة بفندق هلنن فلسطين بالا سكندريه من 24 - 27 يوليو (2004) بمحاضرين من جامعه الينوي ILLINOIS بالولايات المتحدة الأمريكية.
- حضور جميع المؤتمرات والندوات الخاصة بهيئة الصويا الامريكه التي تعقد سنوياً بالقاهرة والإسكندرية.
- حضور دورة تدريبية كيف تترجم كتاباً (5 ساعات) - عمادة تطوير المهارات - جامعة الملك سعود في 2024/12/4م
- حضور دورة تدريبية بعنوان توظيف تطبيقات الذكاء الاصطناعي في البحث العلمي والنشر الأكاديمي (5 ساعات) في 2026/1/28م.

#### 5- الخبرة التدريسية والتعليمية:

- التدريس بقسم الإنتاج الحيواني كلية الزراعة جامعة الأزهر بالقاهرة

#### ثالثاً: الخبرات التدريسية والتعليمية :-

المشاركة في تدريس المقررات التالية على مستوى مرحلة الأجازة العليا ومرحلة الدبلومات.

مرحلة البكالوريوس :

- مبادئ تغذية الأسماك
- مزارع سمكية مشتركة
- دراسات خاصة في الأسماك
- إنتاج الأسماك
- الاستزراع السمكي
- الاشتراك في تدريس مقررات
- أسس إنشاء المزارع السمكية

- التفريخ الاصطناعي للأسماك
- خصائص مياه الأحواض
- إدارة المزارع السمكية

### التدريس بجامعة الملك سعود

#### المقررات التي يتم تدريسها:

اسم المقرر	رمز المقرر
علم الأحياء (لطلاب التخصصات الطبية)	145 حين
علم الأحياء (لطلاب التخصصات الطبية)	109 حين
علم الحيوان العام	103 حين
الحيليات	222 حين
علم الأسماك	322 حين
علم الأسماك	320 حين
بيئة مائية	374 حين
أدارة المزارع السمكية	366 حين
أسماك وقشريات اقتصادية	425 حين
اقتصاديات الاستزراع السمكي	381 حين
علم الأسماك متقدم	522 حين
حيوانات مائية متقدم	521 حين
اللافقاريات المائية الاقتصادية	523 حين
تربية وإدارة الأسماك	524 حين
الثروة السمكية	528 حين
تربية اللافقاريات الاقتصادية	525 حين
فسبيولوجي حيوان عام	531 حين
منظمات التغذية والتمثيل الغذائي في الأسماك	623 حين

#### المشاركة في اللجان بالقسم:

اسم اللجنة	الدور	التاريخ
لجنة الخريجين	عضو	1434/1/11
لجنة خدمة المجتمع	عضو	1435/1/11
لجنة الأيزو	مقرر	1439/1/11
لجنة الاختبارات	مقرر	1440/1/10
لجنة الاعتماد الأكاديمي للدراسات العليا	عضو	1439/1/10
لجنة الأحصاءات	مقرر	1443
لجنة المشاريع البحثية للدراسات العليا	عضو	1442
اللجنة العليا بقسم علم الحيوان	عضواً	2025/8
لجنة الإرشاد الطلابي	عضواً	2024

## إعداد الكتب والمذكرات:

- إعداد كتاب الأسس العلمية لتغذية الأسماك وتكوين أعلافها (مشترك مع آخرين).
- إعداد كتاب تغذية الأسماك (الغذاء - التغذية - التمثيل الغذائي) منفرد.
- إعداد كتاب المزارع السمكية المتكاملة (مشترك مع الدكتور حسن يوسف علام).
- مشرف رئيسي على رسالة ماجستير بجامعة الملك سعود وتمت المناقشة في 2015/4
- مشرف مساعد على رسالة ماجستير ورسالة دكتوراة بجامعة الملك سعود 2020-2023
- مناقشة العديد من الرسائل العلمية في جامعتي الملك سعود والملك فيصل بالاحساء . تحكيم العديد من المشروعات البحثية والابحاث في كل من جامعة الملك عبدالعزيز وجامعة الطائف وجامعة الملك سعود.
- تقديم المساعدات العلمية لطلاب الدراسات العليا.
- وضع خطة البحث للرسائل العلمية (ماجستير - دكتوراة).
- المساهمة في كتابة الرسائل وتجميع المراجع البحثية.
- الحصول على 6 شهادات تقدير للنشر في اعلى 10% في المجلات العالمية.

## 7- تحكيم مشاريع بحثية وأبحاث :-

م	عنوان البحث	تاريخ الارسال للتحكيم	الجهة
أولاً: تحكيم المشاريع البحثية والأبحاث العلمية:			
1	الاستزراع المختلط لأسماك البلطي وأسماك القاروص الآسيوي	2013/10/19م	عمادة البحث العلمي بجامعة الملك عبدالعزيز - جدة - المملكة العربية السعودية
2	تقييم المخزون السمكي لنوعين من أسماك الحريد في مصايد جدة بالبحر الأحمر	2013/10/8م	عمادة البحث العلمي بجامعة الملك عبدالعزيز - جدة - المملكة العربية السعودية
3	دور الغذاء المكمل لنضوج المناسل وأداء عملية التفريخ للربيان الابيض الهندي ROLE OF SUPPLEMENTARY FEEDS ON GONAD MATURATION AND	2013/10/8م	عمادة البحث العلمي بجامعة الملك عبدالعزيز - جدة - المملكة العربية السعودية

		REPRODUCTIVE PERFORMANCE OF INDIAN WHITE PRAWN, PENAEUS INDICUS"	
عمادة البحث العلمي بجامعة الملك عبدالعزيز - المملكة العربية السعودية	2013/10/8م	نواتج أيض نشطة بيولوجياً من المرجان الأسود انتيباسيس دايكوتوما	4
عمادة البحث العلمي بجامعة الملك عبدالعزيز - المملكة العربية السعودية	2013/10/6	وصف وتقييم المصيد السمكي في مصائد جدة بالمملكة العربية السعودية Description and evaluation of pot fishing in Jeddah fisheries of the Red Sea, Saudi Arabia	5
عمادة البحث العلمي بجامعة الملك عبدالعزيز - المملكة العربية السعودية	2013/10/6م	فصل وتعريف نواتج طبيعية نشطة بيولوجياً من المرجان الناعم من جنس ليتوفيتون	6
عمادة البحث العلمي بجامعة الملك عبدالعزيز - المملكة العربية السعودية	2012/11/5م	التوصيف الكيميائي لمرجان الساركوفائيتون من ساحل البحر الأحمر السعودي Chemical characterization of the Saudi Red Sea soft coral Sarcophytonsp	7
عمادة البحث العلمي بجامعة الملك عبدالعزيز - المملكة العربية السعودية	2012/11/5م	نواتج الأيض الثانوية النشطة حيويًا من المرجان الأملس من جنس الهيتيروزينيا من البحر الأحمر Bioactive secondary metabolites from the Red Sea soft coral Heteroxeniasp	8
Chinese Journal of Oceanology and Limnology	2014/4/16م	Thank you for agreeing to review Manuscript ID CJOL-2014-Feb-0037 entitled "Effects of dietary genistein on growth performance, digestibility and body composition of Nile tilapia ( <i>Oreochromis niloticus</i> )". Please try your best to complete your review by 16-Apr-2014.	9
Journal of Applied Aquaculture	2014	Effect of Housefly Maggot Meal (Magleal) Supplemented Diets on the Gonadal Development of <i>Clarias gariepinus</i>	10

عمادة البحث العلمي – جامعة الطائف- الطائف – المملكة العربية السعودية	4/1/2015	دراسة جزيئية مقارنة على اسماك البطي بمصر والمملكة العربية السعودية. Comparative molecular study on tilapia fish inhabiting Egypt and Kingdom of Saudi Arabia.	11
عمادة البحث العلمي – جامعة الطائف- الطائف – المملكة العربية السعودية	5/1/2015	إستخدام تحليل بلمرة الدنا العشوائي لتحديد درجة القرابة بين ثلاثة أنواع من الأسماك البحرية لجنس سكاريس في المملكة العربية السعودية. Using RAPD-PCR analysis to determine the relationship between three marine fishes	12
Deanship of scientific research, King Abulaziz University, Jeddah, KSA	17/12/2015	Assessing the efficacy Red Sea seaweed extracts in controlling biofouling growth on cage net materials used for off-shore aquaculture	13
Deanship of scientific research, King Abulaziz University, Jeddah, KSA	28/12/2015	Fishery biology and stock assessment of the Indian mackerel <i>Rastrelligerkanagurta</i> in Jeddah fisheries, Saudi Arabia	14
Italian journal of animal Science	3/3/2016	Effects of Dietary Surfactin Supplementation on Growth Performance, Intestinal Digestive Enzymes Activities and Some Serum Biochemical Parameters of Tilapia ( <i>Oreochromisniloticus</i> ) fingerlings.	15
<b>ثانياً : مناقشة الرسائل العلمية :</b>			
قسم علم الحيوان – كلية العلوم – جامعة الملك سعود بالرياض – المملكة العربية السعودية	19/2/2015	النواحي البيئية والفسولوجية وتنوع أسماك المياة العذبة في مصارف الإحساء بالمملكة العربية السعودية. Ecophysiological aspects and diversity of freshwater fishes in drainages of Al-Ahsa, Saudi Arabia	1
قسم علم الحيوان – كلية العلوم – جامعة الملك سعود بالرياض – المملكة العربية السعودية <b>مشرف رئيس على الرسالة</b>	21/4/2015	تأثير مستوى بروتين العليقة وتنوع الأحماض الأمينية على نمو سمك البلطي النيلي Effect of Dietary Protein Level and Amino Acids Variety on Growth of Nile Tilapia <i>Oreochromis niloticus</i>	2
قسم الإنتاج الحيواني والسمكي – كلية العلوم الزراعية والأغذية – جامعة الملك فيصل – الاحساء – المملكة العربية السعودية.	23/4/2015	دراسة تأثير إضافة نباتات الشاي الأخضر والقرفة وخليطهما على اداء النمو وتركيب الجسم وبيوكيمياء الدم في أسماك القاروص الآسيوي.	3

4	تأثير الطحالب البحرية كمصدر لبروتين العليقة على كفاءة النمو والقيمة الغذائية لسماك البلطي النيلي. Effect of seaweeds <i>Ulva lactuca</i> and <i>Gracilaria arcuata</i> as dietary protein source on growth performance and nutritional value of Nile tilapia <i>Oreochromis niloticus</i> .	17/5/2015	قسم علم الحيوان – كلية العلوم – جامعة الملك سعود بالرياض – المملكة العربية السعودية
5	دراسة تأثير تقنية التجمعات الحيوية على جودة المياه وإنتاجية أسماك البلطي النيلي المستزرعة عند كثافات تسكين مختلفة بإضافة دبس التمر ومقارنة ذلك بنظام إعادة تدوير المياه	2/6/2016	قسم الإنتاج الحيواني والسمكي – كلية العلوم الزراعية والأغذية – جامعة الملك فيصل – الاحساء – المملكة العربية السعودية.
6	نواحي بيولوجية وتقييم المخزون السمك لسماك الشعور في ساحل البحر الأحمر لمدينة جدة المملكة العربية السعودية Biological aspects and stock assessment of <i>Lethrinus lentjan</i> , in the red sea coast of Jeddah, Saudi Arabia.	29/9/2016	قسم علم الحيوان – كلية العلوم – جامعة الملك سعود بالرياض – المملكة العربية السعودية
7	استجابة أسماك البلطي النيلي للأعلاف المدعمة بخميرة الخبز الحية <i>Saccharomyces cerevisiae</i> المنبته في دبس التمر أو دبس قصب السكر	9/11/2016	قسم الإنتاج الحيواني والسمكي – كلية العلوم الزراعية والأغذية – جامعة الملك فيصل – الاحساء – المملكة العربية السعودية.
8	دراسة تأثير إضافة مسحوق طحلب الدوناليلاً ومسحوق التكتلات الحيوية وخليطهما في علائق أسماك البلطي الأحمر على أدائها الانتاجي	8/1/2018	قسم الإنتاج الحيواني والسمكي – كلية العلوم الزراعية والأغذية – جامعة الملك فيصل – الاحساء – المملكة العربية السعودية.
9	دراسة بعض النواحي البيولوجية لأسماك الحفار في مصايد جدة بالمملكة العربية السعودية	16/6/2021	كلية علوم البحار – جامعة الملك عبدالعزيز – جدة – المملكة العربية السعودية
10	تقييم الهيدروكربونات في أنسجة الرخويات ذات المصرعين التي تم جمعها من ساحل البحر الأحمر Evaluation of hydrocarbons in tissues of bivalve mollusks from the Red Sea coast	13/6/2023	قسم الأحياء البحرية - كلية علوم البحار – جامعة الملك عبدالعزیز – جدة – المملكة العربية السعودية
11	تأثير البروبيوتكس المدمجة في أنظمة السمك الغذائية المنخفضة على البقاء النمو القياسات الكيموحيوية ونشاط النزييمات الهاضمة في أسماك البلطي النيلي Effect of probiotics incorporated in different low fishmeal diets on growth biochemical parameters and digestive enzyme activity in Nile tilapia <i>Oreochromis niloticus</i>	دكتوراة 25/12/2023	قسم علم الحيوان (شطر الطالبات) – كلية العلوم – جامعة الملك سعود بالرياض – المملكة العربية السعودية

قسم الأحياء البحرية - كلية علوم البحار - جامعة الملك عبدالعزيز - جدة - المملكة العربية السعودية	11/10/2023	تأثير البروبيوتيك التجاري على أداء نمو البلطي Oreochromis spilurus EFFECT OF COMMERCIAL PROBIOTICS ON GROWTH PERFORMANCE OF SABAKI TILAPIA, OREOCHROMIS SPILURUS	12
قسم علم الحيوان - كلية العلوم - جامعة الملك سعود بالرياض - المملكة العربية السعودية	20/2/2025 دكتوراه	التكاثر وتقييم حالة المخزون لأسماك الهامور <i>Epinephelus summana</i> من ساحل البحر الأحمر المملكة العربية السعودية Reproduction and evaluation of stock status of Grouper fish <i>Epinephelus summana</i> from the Red Sea coast of Saudi Arabia	13
<b>ثالثاً : تحكيم أبحاث لترقية أعضاء هيئة تدريس :-</b>			
قسم الإنتاج الحيواني والسمكي - كلية العلوم الزراعية والأغذية - جامعة الملك فيصل - الاحساء - المملكة العربية السعودية.	2024/10	تحكيم الأبحاث العلمية (19 بحث) لترقية عضو هيئة تدريس في جامعة الملك فيصل من درجة استاذ مشارك الى استاذ.	1
قسم الإنتاج الحيواني والسمكي - كلية العلوم الزراعية والأغذية - جامعة الملك فيصل - الاحساء - المملكة العربية السعودية.	2025/8	تحكيم الأبحاث العلمية (19 بحث) لترقية عضو هيئة تدريس في جامعة الملك فيصل من درجة استاذ مشارك الى استاذ.	2

#### 8- الأبحاث العلمية المنشورة من رسالتي الماجستير والدكتوراه:

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- 160- Mahmoud Abdullah Elnakeeb, ,Ahmed Mohamed Ashry 2,Ahmed Mohamed El-Zayat 1,**Abdel Wahab Abdel-Moez Abdel-Warith** 3,\*,Mahmoud Mohamed Habiba,Elsayed Mohamed Ibrahim Younis,Simon John Davies,Ibrahim Mohamed Ibrahim 5,Fatma Elzhraa, and Ahmed Mohammed El-Sebaey (2025). Impact of Effective Probiotic Microorganisms (EPMs) on Growth Performance, Hematobiochemical Panel, Immuno-Antioxidant Status, and Gut Cultivable Microbiota in Striped Catfish (*Pangasianodon hypophthalmus*). *Fishes* 2025, 10(11), 573; <https://doi.org/10.3390/fishes10110573>.
- 161- Sameh A. Abdelnour, Walaa M. Essawi, Nasser Ghanem, Ibrahim T. El-Ratel, **Abdel-Wahab A. Abdel-Warith**, Elsayed M. Younis, Ahmed N. F. Neamat-Allah, Shimaa A. Amer, Simon J. Davies & Ali Ali El-Raghi (2025). New insights into the effects of *Aspergillus oryzae* administration during the transition period in *Bubalus bubalis*. *ITALIAN JOURNAL OF ANIMAL SCIENCE* 2025, VOL. 24, NO. 1, 309–323.

### BOOK PUBLICATIONS

- 1- **Essential of fish feeding and diets formulation (2004)**. Abdel-Hakim N.F., T. M. Younis, **A. A. Abdel-Warith** and M. A. Soltan. I.S.B.N. 977-17-1395-7. PP 288.
- 2- **Fish Nutrition (2006)**. **A. A. Abdel-warith**. Egyptian Library No. 8666. PP 232.
- 3- **Integrated fish farms (2020)**. **Abdel-Wahab A. Abdel-Warith** and Hassan Y. Allam, pp 304.

### Presentations and conferences attended

- 1- Attend the 11<sup>th</sup> international congress on the biology of fish, **Edinburgh Scotland, 3-7 August, 2014**, Accumulations of cadmium in some tissues, haematological and biochemical parameters in *Oreochromis niloticus*, exposed to long term various concentration of cadmium chloride.
- 2- Attend the Fifteenth International Conference on Nutrition and Feeding in Fish, **Molde, Norway, 4-7 June 2012**, Poster presented: Hematological Parameters and Liver Enzymes Changes in Nile Tilapia *Oreochromis niloticus* Exposed to Zinc.

- 3- Attend the Ninth International Conference on Nutrition and Feeding in Fish, Miyazaki, Japan **May, 2000**. Poster presented: Optimum inclusion levels of poultry by product meal as a protein concentrate for African catfish *Clarias gariepinus* in practical diets.
- 4- Attend the course of teaching skills for graduate teaching assistance at Plymouth University UK **February, 2001**.
- 5- Attend course of teaching methods and curriculum development which take place in Alexandria at Helnan Hotel, July **24-27<sup>th</sup> 2004**. Supporting by Midwest University Consortium for international Active (MUCIA), Inc, and University of Illinois.
- 6- Attend all the meeting for American Soya Association (ASA) in Cairo and Alexandria.
- 7- Attend of international symposium in tilapia Aquaculture which takes place in Cairo, **Egypt 2008**.
- 8- Attend a program in (Smart class and board Technology) for 5 hours. This was held during the period of **15/2/2010**. At King Saud University, Deanship of E-Learning and Distance Learning.
- 9- Attend DNA Research: A Gateway to Knowledge Economy) At King Saud University in 29/5/1430, **24/5/2009**.
- 10- Attend the workshop entitled: Distribution of the toxic samsun ant in the Kingdom of Saudi Arabia and the use of its toxins as natural products in the treatment of breast cancer) from 10-12/ 611431H, **24-26/05/2010** at Zoology Department, Collage of Science , King Saud University.
- 11-Attend the workshop entitled (Aquaculture Resource) in **24/10/2017** at **Zoology Department, Collage of Science, King Saud University**.
- 12- Attend the academic program (program specification) which was held at King Saud University Deanship of Skills Development during the period of: **(27-28/01/2019)** for a total of **(10.00) training hours**.