

# C.V

## Personal data

<b>Name (Arabic)</b>	الاستاذ الدكتور/ياسر عبد الفتاح عبد العاطي غطاس
<b>Name (English)</b>	Prof.Dr:Yaser Abd El-Fattah Abd El- Aty Ghatas
<b>Department</b>	Horticulture
<b>College</b>	Faculty of Agriculture at Moshtohor
<b>Academic degree</b>	Ph.D.
<b>Email of College</b>	<a href="mailto:info@bu.edu.eg">info@bu.edu.eg</a>
<b>Office Address</b>	Faculty of Agriculture at Moshtohor . Toukh. Kalubia
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<b>Recent Photo (passport format)</b>	

## ● Education

<b>Institution</b>	<b>Degree obtained</b>	<b>Year</b>
<b>Faculty of Agric. Moshtohor Zagazig Univ., Benha Branch.</b>	B. SC. Agric. Sci.	2002
<b>Faculty of Agric. Moshtohor Benha Univ.,Egypt.</b>	M. Sc. Agric. Sci.	2007
<b>The title of M.Sc.</b>	Physiological Studies on Propagation of Some Medicinal Plants <i>In Vitro</i> .	
<b>Faculty of Agric. Moshtohor Benha Univ.,Egypt.</b>	Ph.D. Agric. Sci.	2011
<b>Faculty of Agric. Moshtohor Benha Univ.,Egypt</b>	Associate professor	2017
<b>Faculty of Agric. Moshtohor Benha Univ.,Egypt</b>	Professor	2022

<b>General specialty</b>	Horticulture, Floriculture medicinal and aromatic plants
<b>Specific specialty</b>	Floriculture , medicinal and aromatic plants , tissue culture and biotechnology

**Language skills (Excellent, Very Good, Good, Basic)**

<b>Language</b>	<b>Reading</b>	<b>Speaking</b>	<b>Writing</b>
Arabic	Excellent	Excellent	Excellent
English	Very Good	Very Good	Very Good
French			

**- A scientific lecture entitled (Genomic Approaches and Bioinformatics Tools to Identify Genomic Regions For Economic Traits and Their Applications in Breeding Programs).**

**On the sidelines of the activities of the Seventh Annual Scientific Conference of the Department of Genetics and Genetic Engineering - The Great Conference Hall of the Faculty of Agriculture in Moshtohor - Benha University - on Tuesday 17 / April / 2018.**

**16- A scientific lecture entitled (Stem Cells Past, Present and Future) on the sidelines of the activities of the seventh annual scientific conference at the Department of Genetics and Genetic Engineering - The Grand Conference Hall of the Faculty of Agriculture in Moshtohor - Benha University on Tuesday 17 / April / 2018.**

**17- A scientific lecture entitled (Bioinformatics Analysis of Environment Friendly Soil Microbiomes) on the sidelines of the activities of the seventh annual scientific conference at the Department of Genetics and Genetic Engineering - The Grand Conference Hall of the Faculty of Agriculture in Moshtohor - Benha University on Tuesday 17 / April / 2018.**

**18- A scientific lecture on (nanotechnology and its applications) on the sidelines of the activities of the annual scientific conference of the Department of Plant Diseases - the Grand Conference Hall of the Faculty of Agriculture in Moshtohor - Benha University - on Sunday 22 / April / 2018.**

**19- Attending the Fifth International Business Fair for Agriculture and Animal Production, International Fairgrounds - Nasr City - Salah Salem Roads - Cairo - from 23-25 February 2019.**

**20- A workshop entitled (The due precautions when applying electronic correction and the system of setting questions) in the conference hall of the College of Agriculture in Mashtohor at twelve o'clock in the afternoon on Sunday 12/15/2019**

**21- A workshop entitled (Integrated Management of Pomegranate and Olive Cultivation), which was organized by the College of Agriculture in Mashtohor in cooperation with the Central Laboratory for Agricultural Climate, the Horticultural Research Institute and the Agricultural Research Center on 8/25/2020.**

**22- A workshop entitled How to use the e-learning platform of Benha University, in the Grand Conference Hall, Faculty of Agriculture, Moshtohor, on 10/28/2020.**

**23- Attending a training course on (the role of biotechnology in maximizing the utilization of medicinal and aromatic plants in the desert environment) at the Desert Research Center - Al-Mataria - Cairo from 8 to 12 March 2020.**

**24- Attending a workshop on "ENDNOTE" that was held by the Development and Information Technology Unit at Tanta University on September 7, 2020.**

**25- Attending a workshop entitled "How to Select the Right Journal to Submit your Manuscript" at the National Research Center - Cairo on September 10 and 16 / 2020.**

**26- Attending an online workshop via Zoom entitled Introduction to Web Development at the Faculty of Computing and Information Technology at King Abdulaziz University on 9/16/2020.**

**27- Attending an online workshop via Zoom entitled "Germplasm evaluation and propagation techniques of Inula racemosa Hook," presented by Dr. Harpal Singh., Abhaf Foundation. Atal Bihari Vajpayee Trust, Bilaspur CG. 17 Sep. 2020**

**28- Attending an online workshop entitled "Ethical and Regulatory Issues in Scientific Research", which was held by the Scientific Research Support Center - Helwan University**

on 9/21/2020.

29- Attending an online lecture via the Zoom application entitled (Preparation and Identification of Nanomaterials) via the researchers and academics platform - dispatch - 9/20/2020.

30- Attending an online lecture via the Zoom application entitled (English linguistic characteristics of scientific research) via the researchers and academics platform - dispatch - 9/22/2020.

- Attending the international electronic training workshop for two hours via the Zoom application, entitled (The Foundations of Building Question Banks) - College of Education for Human Sciences - University of Mosul on Tuesday, 9/22/2020.

32- Attending a workshop entitled (Quality and Universities Management; Challenges and Future Prospects), which was held by QEAS on 9/26/2020.

33- Attending an online lecture via the Zoom application entitled (The dangers of nano pollution from the current perspective technology) via the platform of researchers and academics - dispatch - 9/27/2020.

34- Attending an online lecture via the Zoom application entitled (Decision-making and Identifying Goals) (via the researchers and academics platform - dispatch - 9/28/2020.

35- Attending an online workshop entitled "On Academic Integrity: Steps to Avoid Plagiarism", which was held by the Scientific Research Support Center - Helwan University on 9/28/2020.

36- Attending a workshop via the Zoom application entitled (How to write and evaluate a scientific research) - which was held by the Department of Food Sciences at Basra University with the College of Agriculture, Cairo University, on 9/29/2020.

37- Attending an online workshop entitled (Fruit falling leaves and the impact of climate changes and water salinity on them), which was set up by Delta Water for water treatment using magnetic technology - Arab Republic of Egypt - Alexandria. On 10/3/2020.

38- Attending an online workshop entitled "Tips for scientific publishing", which was held by the Scientific Research Support Center - Helwan University on 10/3/2020.

39- Attending an online research seminar via the Zoom application entitled (Problems of Statistical Analysis: Challenges and Solutions) through the researchers and academics platform - dispatch - 10/3/2020.

40- Attending a workshop entitled "Tips and Tricks to Write and Apply a Successful Research Proposal" at the National Research Center - Cairo on October 4-5/2020.

41- Attending an online workshop entitled (Elsevier South East Asia Publishing Workshop: An Introduction to Scholarly Publishing). Elsevier South East Asia Publishing Workshop Series, on 6/10,2020.

42- Training on the use of devices at the Agricultural Consultation Center at the College of Agriculture in Moshtohor (Central Laboratory) 14-16/5/2011.

43- Attending an online lecture entitled (Introduction to the concept of artificial intelligence) - Technical Transformation Management on 10/6/2020.

44- Attending a research seminar online via the Zoom application entitled (Virtual Classes in E-Learning) via the Researchers and Academics Platform - Dispatching - 10/6/2020.

45- Attending a remote training course entitled (Word Skills in Scientific Research), which was held by the College of Sharia and Islamic Studies - Umm Al-Qura University - for two hours on 10/7/2020.

46- Attending an online agricultural scientific symposium on the Zoom program entitled (Environmentally Smart Agriculture and the Practices of the Friends of the Earth Foundation) - which was held by the New Future Green Company for Fertilizers and Agricultural Fertilizers - October 7, 2020.

47- Attending a remote scientific symposium entitled (Egyptian Deserts Between Reality and Expectations)

Held at Agricultural Economists Forum, Egypt-Thursday 8/10/2020.

48- Attending a remote lecture entitled (How to evaluate a research published in a scientific journal during the period of the Covid pandemic) - Al-Khair Foundation 93 on 10/9/2020.

49- Attending a workshop entitled (Leading International Models for Building and

Developing Entrepreneurial Universities), which was held by QEAAS on 10/10/2020.

50- Attending a workshop on "The Bylaw of Promoting Academic Staff-13TH Round (2019-2022)-Part1"" which was held by the Scientific Research Development Unit - Tanta University on October 11 - 2020.

51- Attending the international remote workshop entitled "Sustainable Resource Management Program to Solve Deserted Challenges" implemented within the framework of Erasmus +Capacity Building for Higher Education ., on October 12,2020. 52- Attending a remote training course entitled (Electronic Presentation Skills), which was set up by the Deanship of E-Learning and Distance Education - King Abdulaziz University - 10/12/2020.

53- Attending an online workshop entitled (Animal Models for Studying Human Diseases: Obesity, Metabolism and Cardiovascular Diseases). At Fac. of Veterinary Medicine, Suez Canal University on 13 October 2020.

54- Attending an online agricultural scientific symposium on the Zoom program entitled (Informed Pest Control) 55- which was held by the New Future Green Company for Fertilizers and Agricultural Fertilizers - October 14, 2020.

55- Attending an online lecture via the Zoom application entitled (Scientific Publishing Applications) via the researchers and academics platform - dispatch - 10/14/2020.

56- Attending a remote workshop entitled (Overcoming Stress, Anxiety and Depression during the Pandemic Biosciences Research Support Foundation, 20 October 2020

58- Attending an online agricultural scientific symposium on the Zoom program entitled (Genetically modified plants between benefits and risks) - which was held by the New Future Green Company for Fertilizers and Agricultural Fertilizers - October 21, 2020.

59- Attending a workshop via the G-MEET application entitled (improving scientific production and university journals for publication in discreet containers) - College of Education - University of Mosul on 10/21/2020.

60- Attending a workshop entitled "Terms and Concepts Towards scientific Research Marketing" Veterinary Research Division - National Research Center - Cairo on October 21 and 22 / 2020

61- Attending an online lecture on: (Teaching Methods), which was held by the American International Academy for Higher Education and Training on 10/22/2020.

62- Attending a remote scientific symposium entitled (Egyptian Cotton Between Reality and Expectations).

Held at Agricultural Economists Forum ,Egypt-Thursday  
10/22/2020

63- Attending an international scientific symposium via the Internet entitled (Prospects of Scientific Research in Light of the Variables of the Fourth Industrial Revolution, Arab and Regional), which is held by QEAAS on 10/24/2020.

64- Attending an international online workshop entitled "Genomic selection in crop plants. Team Plantgenomia. On ,delivered by Dr. Bernardo Ordas , Research Scientists , Spanish National Research Council Through Virtual Mode on 24 October 2020

65- Attending an international workshop on After titled "Nanotechnology and its Advances". Society of Pharmaceutical Sciences and Research SPSR Forum on 25 October,

66- Attending an online workshop entitled (Wheat and Egyptian Food Security - Current Situation, Challenges, Solutions), which was set up by Delta Water for water treatment using magnetic technology - Arab Republic of Egypt - Alexandria. On 10/25/2020.

67- Attending an online lecture via the Zoom application entitled (Developing the skills of preparing and writing a scientific research plan) through the researchers and academics platform - dispatch - 10/26/2020.

68- Attending an online workshop entitled (Journals with a High Impact Factor) - Vice Presidency for Graduate Studies and Research - Faculty of Tourism and Hotels - Suez Canal University in cooperation with the Association of Colleges, Institutes and Departments of Tourism and Hotels emanating from the Association of Arab Universities - 10/27/2020.

69- Attending a workshop entitled (Training on the use of Egyptian Knowledge Bank resources) in the conference hall of the university from October 27-28, 2019.

70- Attending a remote research seminar entitled "Practices Arab Good Agricultural". By Mena Food Safety Associates, on 10/30/2020.

- 71- Attending an online lecture via the Zoom application entitled (Scientific Research Culture and Ethics) via the Researchers and Academics Platform - Dispatching - 10/30/2020.
- 72- Attending an online lecture via the Zoom application entitled (Methods of evaluating scientific journals) via the researchers and academics platform - dispatch - 10/31/2020.
- 73- Attending a workshop entitled "The Use of Biotechnology Techniques in the Field of Agricultural Production" at the National Research Center - Cairo on 2/11/2020.
- 74- Attending an online workshop via the Zoom application entitled (Scientific Publishing: The Researcher's Path to Internationalism) via the electronic platform of researchers and academics - dispatch - 11/3/2020.
- 75 - Attending a remote scientific symposium entitled (Challenges of Agriculture Without Soil "Hydroponics" and Aquaponics). Held at Agricultural Economists Forum, Egypt-Thursday 5/11/2020.
- 76- Attending an online workshop entitled (Maximizing the Benefit of Medicinal and Aromatic Plants), which was set up by Delta Water for water treatment using magnetic technology - Arab Republic of Egypt - Alexandria. On 11/7/2020.
- 77- Attending an online lecture via the Zoom application, entitled (Methods of preparing research for publication in international scientific journals) via the researchers and academics platform - dispatch - 11/8/2020.
- 79- Participation in the first virtual training course entitled (a series of courses in the AquaCrop program) held by the Department of Soil Sciences and Water Resources in cooperation with the Ministry of Water Resources / Planning and Follow-up Department - Department of Environmental Policy - College of Agricultural Engineering Sciences at the University of Baghdad on the electronic application of FCC in the period from 15 -17/Nov 2020.
- 80- Attending a workshop entitled "Mendeley Reference Management Software" Over video conference and registered on 11/17/2020 - Tatweer Iraq Platform.
- 81- Attending a remote scientific symposium entitled (The Green Economy and Its Role in Achieving Sustainable Development Goals Under Egypt, s vision 2030). Held at Agricultural Economists Forum, Egypt-Thursday 11/19/2020
- 82- Attending an online workshop entitled (Using magnetic treatment with Delta Water systems to increase agricultural production, raise its quality, and reduce costs), which was set up by Delta Water for water treatment with magnetic technology - Arab Republic of Egypt - Alexandria. On 11/21/2020.
- 83- Attending a workshop entitled "Use Academic Social Networking in the Scientific Research" at the National Research Center - Cairo on 11/22/2020.
- 84- Effective participation as a trainer in training students and organizing a training course on landscaping landscaping - Faculty of Agriculture - Benha University - 11-26/11/2020 AD.
- 85- Attending a workshop entitled "Applications of Bioinformatics" held at the National Research Center in Dokki - Cairo on 11/25/2019.
- 86- Active participation as a trainer in training students and organizing the training course on landscaping landscaping - Faculty of Agriculture - Benha University - 1-3/12/2020 AD.
- 87- Attending a remote scientific symposium entitled (Finacial Evaluation of Farming without Soil (Hydroponics) Systems for some Vegetable Crops). Held at Agricultural Economists Forum, Egypt-Thursday 3/12/2020
- 88- Attending an online agricultural scientific symposium on the Zoom program entitled (The role of soil microbes in the availability of phosphorus in plant nutrition) - which was held by the New Future Green Company for Fertilizers and Agricultural Fertilizers - December 16, 2020.
- 89- Attending an online online workshop entitled (Global Pollution Solutions and Scientific Basis for Environmental Landscaping), which was set up by Delta Water Company.
- Attending a virtual scientific symposium entitled (Biotechnology). Which was organized by the Department of Chemistry - College of Science - University of Basra - 26-27/5/2021.
- 91- A workshop entitled (Synthesis of nanomaterials from plant extracts and their use in different fields), which was held by the Continuing Education Unit in the College of Science for Girls - University of Baghdad in cooperation with the Department of

**Chemistry - University of Baghdad on 3/5/2021**

**92- Attending a virtual scientific lecture entitled (Skills and Tools of the Scientific Researcher in the Era of Digital Transformation), which was set up by the Researchers and Academics Platform - Dispatch in partnership with the International Foundation for Academic Development via the Zoom application for a period of two hours on 6/1/2021.**

**93- Attending the activities of the African International Conference via the Internet, entitled (The Future Vision of African Agriculture and its Role in Supporting the Environmental Trade Agreement and Promoting Development), which was held in Sharm El-Sheikh from 5 to 9:30 pm on 4/8/2021.**

**94- An electronic work entitled "Enhance your Research with Elsevier: SciVal: Strategic Approach to Research Induction to SciVal". National Research Center, Cairo, Egypt, Tuesday, 6/8/2021.**

**95- Attending an international online workshop entitled: "Genome Editing to Enhance Multiple Disease Resistance in Crop Plants." Team Plantgenomia- Through Virtual Mode on 20 December 2020. 96- Attending an online workshop entitled "Logical Scientific MANUSCRIPT structure", which was held by the Scientific Research Support Center - Helwan University on 9/1/2021.**

**97- Attending a remote workshop entitled: "Enhance your Research with Elsevier:Before Hitting submit:Practical Tips for Authors"-National Research Centre,Giza,Egypt, on 1/24/2021.**

**98- Attending a workshop on "Quality and Performance in Scientific Research" held by the Scientific Research Development Unit - Tanta University on January 27 - 2021.**

**99- Attending a workshop through the G-MEET program on Research Funding, which was held by the Scientific Research Development Unit - Tanta University on January 28 - 2021.**

**100- Attending an online workshop on "Research Funding" that was held by the Egyptian Knowledge Bank with Clarivate Corporation on January 28 - 2021.**

**101- Attending a remote workshop entitled: "Enhance your Research with Elsevier:Before Hitting submit:Making the Most out of Author Profiles on Scopus"-National Research Centre,Giza,Egypt, on 1/31/2021 . .**

**102- Attending an online workshop on "Successful Pre-submission Strategies" held by Nature Research Academies, February 2021.**

**103- Attending a workshop entitled: "Manage your Cited References in a Glance Using EndNote Online" National Research Centre, Giza, Egypt, on 1/2/2021. .**

**104- Attending an online workshop entitled: "Quality in Research Application Strategies and Approaches)" National Research Centre, Giza, Egypt, on 2/3/2021. 105- Attending an online workshop entitled: "Professional Peer – review"**

**National Research Centre, Giza, Egypt on 1/2/2021. 106- Attending a remote workshop entitled: "Look beyond the journal impact factor with journal citation reports "- National Research Centre, Giza, Egypt, on 2/8/2021.**

**107 - Attending an online workshop via the Zoom application entitled (Preparation of a Scientific Research Plan) via the Researchers and Academics Platform - Dispatching - 2/9/2021.**

**108- Attending an online workshop entitled "Systematic Reviews: not as difficult as we think", which was held by the Scientific Research Support Center - Helwan University on 2/13/2021.**

**109- Attending an online workshop via the Zoom application entitled (Scientific Publishing in the Arab World: Problems and Strategies) via the Researchers and Academics Platform - Dispatching - 2/14/2021.**

**110- Attending an hour-long scientific lecture online via the Zoom application, entitled (Criteria for determining the research plan) via the researchers and academics platform - dispatch - 2/15/2021.**

**111- Attending a two-hour scientific lecture online via the Zoom application, entitled (Techniques of writing scientific CVs for researchers and academics) via the researchers and academics platform - dispatch - 2/18/2021.**

**112- Attending an online workshop entitled "Idea of research", which was held by the Scientific Research Support Center - Helwan University on 2/20/2021.**

**113- Attending a workshop entitled "Secrets of international publishing: tips and tricks for authors workshop Suez Canal University-Held online on February 20,2021. 100- Attending**

an international online workshop entitled: "Breeding for efficient root system for water and nutrition uptake in crops." Team Plantagenomia- Through Virtual Mode on 21/2/2021.

114- Attending a workshop entitled: (Medicinal and aromatic plants in the Arab world), which was held electronically and organized by Al-Qasim Green University - Iraq - College of Agriculture - Unit of Touch Education

115- Attending an online workshop via the Zoom application entitled (Statistical analysis: issues and solutions) via the researchers and academics platform - dispatch - 12/15/2021.

116- Attending an online workshop via the Zoom application entitled (Publishing culture in journals indexed within the Scopus database) via the researchers and academics platform - dispatch - 4/1/2022.

117- Attending an online lecture via the Zoom application entitled (Scientific Research and Scientists' Experiences) via the Researchers and Academics Platform – Dispatch – 5/20/2022.

118- Attending a scientific lecture online via the Zoom application entitled (The Keys of scientific research: analysis, explanation and interpretation) via the platform of researchers and academics - dispatch - 7/1/2022.

119- Attending a scientific lecture online via the Zoom application entitled (Title writing skills in scientific research) via the researchers and academics platform - dispatch - 9/1/2022.

120- Attending a scientific lecture online via the Zoom application entitled (Common Mistakes in the Translation.) Through the platform of researchers and academics - dispatch - 12/1/2022.

193- Attending a scientific lecture online via the Zoom application entitled (The introduction of scientific research, content, wording, and caveats)  
Through the platform of researchers and academics - dispatch - 16/1/2022.

121- Attending a scientific training workshop online via the Zoom application entitled (Skills of using electronic identity engines for the researcher) via the researchers and academics platform - dispatch - 18/1/2022.

122- Attending a scientific training workshop online via the Zoom application entitled (Electronic Exams: Distribution and Automatic Correction) via the researchers and academics platform – dispatch – 1/26/2022.

123- Attending a scientific training workshop online via the Zoom application entitled (The use of electronic evaluation technology (Quizinière) in distance education) via the researchers and academics platform - dispatch - 5/25/2022.

124- Attending a scientific lecture online via the Zoom application entitled (Scientific Research: Modernity and Beyond)  
Through the platform of researchers and academics - dispatch - 5/27/2022

125- Attending a scientific training workshop online via the Zoom application entitled (Methods of managing and indexing peer review scientific journals in Scopus) via the researchers and academics platform - dispatch - 5/30/2022.

126- Attending the virtual international meeting online via the Zoom application entitled (Innovation in Scientific Research) via the researchers and academics platform – dispatch – 10/10/2022.

127- Attending an online workshop entitled (The Effects of Climate Change on Agricultural Development - Problems and Solutions), which was set up by Delta Water for water treatment with magnetic technology - Arab Republic of Egypt - Alexandria. On 7/2/2022.

128 Attending an online workshop entitled (Medicinal plants and the best safe ways to use them) which was set up by Delta Water for water treatment using magnetic technology - Arab Republic of Egypt - Alexandria. On 3/9/2022.

202- Attending a scientific lecture online via the Zoom application for a period of two hours, entitled (Linguistic Writing in Scientific Research) via the researchers and academics platform - dispatch - 11/4/2022.

129- Attending an online workshop entitled (Preparations for the winter agricultural season in light of the challenges of climate change), which was set up by the Delta Water

Company for water treatment with magnetic technology - Arab Republic of Egypt - Alexandria. On 11/5/2022.

130- Attending a scientific training workshop online via the Zoom application for a period of two hours, entitled (Scientific Publication Briefing on Procedural Concepts and Thesaurus) via the researchers and academics platform - dispatch - 11/26/2022.

131 - Attending an online workshop via the Zoom application entitled (Elsevier, EKB & Helwan University Support Center Training Program -Scival), which was organized by the Scientific Research Support Center at Helwan University, in partnership with the Elsevier Foundation, on Saturday 10/29/2022.

132- Attending an online workshop via the Zoom application entitled (Selecting journals for publishing)

Which was organized by the Scientific Research Support Center at Helwan University, in partnership with the El-Sevier Foundation, on Saturday 11/12/2022.

## ● Positions

	Date From - to	Organization	Country	Position	Role
1	2003-2007	Horticulture Dept., Fac.of Agric Moshtohor	Egypt	Demonstrator	Teaching
2	2007-2011	Horticulture Dept., Benha Univ.Fac.of Agric. Moshtohor	Egypt	M.Sc	Teaching Researches
3	2011- till now	Horticulture Dept., Benha Univ.Fac.of Agric. Moshtohor	Egypt	PhD in Horticulture (Ornamental and medicinal and aromatic plants)	Teaching Researches

### 1. Academic

#### 1.1. Teaching

- For each course taught,
  - Give on separate file: course description, 2 samples of assignments, 2 samples of exams, 2 samples of model answers
  - Give the URL of the course web site, if any
  - Provide power point slides

##### 1.1.1. Courses at undergraduate level

- 1- Landscape Gardening
- 2- Fundamental of Horticulture
- 3- Production of Horticulture crops
- 4- Production of Aromatic and Medicinal plants Hort. Section 4<sup>th</sup> year
- 5- Production of Ornamental , Aromatic and Medicinal plants, General Section 3<sup>rd</sup> year
- 6- Production of Ornamental , Aromatic and Medicinal plants, Agric .and Education Section 3<sup>rd</sup> year



- 7- Improving of Horticultural crops (1)
- 8- Improving of Horticultural crops (2)
- 9- Handling and Storage of Horticultural crops
- 10- Production of horticultural crops for export, Section 4<sup>th</sup> year
- 11- Tissue culture applications in Horticulture, Section 4<sup>th</sup> year
- 12- Safe production of medicinal and aromatic plants, 4<sup>th</sup> year

#### 1.1.2 Courses at post graduate level:

- 1- Production of ornaments plants (Advanced)
- 2- Production of medicinal and aromatic plants (Advanced)
- 3- Cut flowerer production for export
- 4- Landscape gardening and architect constrains
- 5- Indoor plants
- 6- Production of flowering herbeaceous
- 7- Bio-culture of ornamental medicinal and aromatic plants
- 8- Roses
- 9- Taxonomy of ornamental plants
- 10- Plants of Egyptian flora
- 11- Water gardents
- 12- Use of growth regulators in ornamental plants
- 13- Aquatic and semi aquatic plants
- 14- Green lawns
- 15- Preparation and handling of ornamental plants and cut flowers
- 16- Bio- antibiotics
- 17- Improvement and breeding of ornamental plants
- 18- Treening and relation of environment.

#### **1.1.3. Open Learning Program students:**

- 1- Fundamental of Horticulture.
- 2- Production and handling of ornamental plants
- 3- Production and handling of medicinal and aromatic plants

#### **1.1.4 Areas of research:**

- floriculture and medicinal and aromatic plants production

- Tissue culture of floriculture and medicinal and aromatic plants
- Extraction of secondary metabolites In vitro
- Cut flower production
- Landscape gardening( softscape)
- Lawns and Turf grasses
- Lawns and Turf grasses

#### 1.1.5 PhD/MSc Supervision

Title	PhD./ M Sc.	Year completed / in progress
1)	M.Sc	2015
2) Effect of Some Horticultural Practices, Mineral and Biofertilization on the Growth and Chemical Composition of Ocimum basilicum L.cv. Genovese	M.Sc	2015
3)	M.Sc	in progress
4)	M.Sc	in progress
5)	M.Sc	in progress
6)	M.Sc	in progress
7)	M.Sc	in progress

#### 1.1.6.Grants for Projects

Funding organization	Project title	Year
DSASP	Development of students Assessment systems project	2010

#### 1.1.7.Committees:

- 1) Benha university staff club

- 2) Environmental Development Community Service Committee , Fac.of gric. Benha University.
- 3) The Environment Committee, , Fac.of gric. Benha University.
- 4) Commission laboratory and devices, Fac.of gric. Benha University.

## 1.2.List of Publications (Authors, Title, Journal/Conference name, pages from to, year, link to full paper)

For each paper, you should either attach it in pdf format (name of file is the same as the paper title) or if published online give the URL of the journal or conference where it is published.

### 1.2.1.Publications: Bulletins of Single Author:

- 1-Response of *Hemerocallis aurantiaca* Plants to Kinetin and Chemical Fertilization Treatments, *Middle East J. Agric. Res.*, 4(4): 650-659, 2015
- 2- Employment of *Tissue Culture* Techniques in Improvement Propagation of *Paulownia Tomentosa* Plant, *J. Plant Production*, Mansoura Univ., Vol. 7(6): 619 - 625, 2016
- 3- Effect of GA3 and Chemical Fertilization Treatments on Growth, Flowering, Corm Production and Chemical Composition of *Gladiolus grandiflorus* Plant, *J. Plant Production*, Mansoura Univ., Vol. 7 (6): 627 - 636, 2016
- 4-Influence of paclobutrazol and cycocel sprays on the growth, flowering and chemical composition of potted *Chrysanthemum frutescens* plant

### 1.2.2.Published Researches Extracted from theses:

- 5- In vitro physiological studies on *Lavandula officinalis* L. *Annals of Agric. Sci.*, Moshtohor, Vol. 49(1) 2011:23-34.
- 6- Trials on Acclimatization of Tissue Culture Derived Date Palm Plants (*Phoenix dactylifera* L). *Annals of Agric. Sci.*, Moshtohor, Vol. 53 (2) 2015.:243-248.
- 7-EFFECT OF SOME FERTILIZERS ON IMPROVING GROWTH AND OIL PRODUCTIVITY OF BASIL (*Ocimum basilicum*, L.) CV. GENOVESE PLANT. *Egypt . J. of Appl. Sci.*, 30 (6) 2015 :384-399

### 1.2.3.Published Researches (Bulletins) Participate with Others:

- 8- The Role of Boron and Some Growth Substances on Growth, Oil Productivity and Chemical Characterization of Volatile Oils in Basil (*Ocimum basilicum* L.) Cv. Genovese. *Journal of Horticultural Science & Ornamental Plants* 8 (2): 108-118, 2016
- 9- Effect of mineral, biofertilizer (EM) and Zeolite on growth, flowering, yield and composition of volatile oil of *Viola odorata* L plants. *Journal of Horticultural Science & Ornamental Plants* 8 (2):, 2016

## Abstracts

## **1- Response of *Hemerocallis aurantiaca* Plants to Kinetin and Chemical Fertilization Treatments**

**Ghatas, Y. A.**

**Horticulture Dept., Fac. of Agric., Benha University, Egypt**

### **ABSTRACT**

Two field trials were carried out to study the effect of 16 treatments represented the combination between four concentrations of kinetin (0.0, 25, 50 and 75 ppm.) and four levels of mineral fertilization (0.0, 2, 4 and 6 g/plant) on the growth, flowering, and chemical composition of *Hemerocallis aurantiaca* plant. Results showed that the three concentrations of kinetin increased vegetative growth parameters i.e., number of leaves/plant, fresh and dry weights of leaves/plant and number of offshoots/clumb for the flowering growth parameters i.e., number of days required from planting to start flowering, number of flower, flower stalk length, diameter, fresh and dry weights of flower stalk, duration of flower on plant and flower vase life positively were affected, as the same as chemical composition parameters i.e., leaf total carbohydrates, N, P and K contents with superior to the medium and high rates. Also, all levels of NPK fertilizer significantly improved all the abovementioned parameters, especially using the medium and high levels. Additionally, most of the combinations between kinetin concentrations and levels of NPK fertilizer improved all the studied parameters, particularly using the combinations between kinetin at 50 or 75 ppm and NPK fertilizer at 4 or 6 g/L in both seasons. Conclusively, from the aforementioned results, it could be recommended that : to obtain the best vegetative and flowering characteristics with high quality of *Hemerocallis aurantiaca*; the plants should be sprayed with the treatment of kinetin at 75 ppm and combined with NPK at 6 g/plant that is being accompanied with vigorous vegetative and flowering growth and good quality as well.

## **2- Employment of Tissue Culture Techniques in Improvement Propagation of *Paulownia tomentosa* Plant**

**Ghatas, Y.A.A.**

**Horticulture, Dept. Fac. of Agric., Benha University, Egypt.**

### **ABSTRACT**

Different media and explant types, anti-oxidant pre-treatments, additives, cytokinin types & concentrations as well as medium strength, GA3 concentrations, auxin types & concentrations were studied to find out the best protocol of *in vitro* propagation of *Paulownia tomentosa*. The results indicated that culturing of pre-treated shoot tips with anti-oxidant solution on modified Murashige & Skoog medium supplemented with PVP and activated charcoal as anti-oxidants, as well as adenine sulphate and coconut milk as additives maximized survival percentage and improved explant development. Also, using of 2mg/ L BAP increased proliferation. Addition of 1.0 mg/ L GA3 to half strength medium maximized shoot length. Moreover, addition of 1.0 IBA to the culture medium encouraged the highest shoot length and number of roots.

## **3-Effect of GA3 and Chemical Fertilization Treatments on Growth, Flowering, Corm Production and Chemical Composition of *Gladiolus grandiflorus* Plant**

**Ghatas, Y.A.A.**

**Horticulture, Dept. Fac. of Agric., Benha University, Egypt.**

### **ABSTRACT**

This study was undertaken during two successive seasons (2012/2013 & 2013/2014) to evaluate the effect of GA3 foliar sprays at (0.0, 50, 100 and 150 ppm.) and chemical fertilization NPK at a ratio of 1:1:2 namely (0.0, 2, 4 and 6 g / plant) as well as their combination on the growth, flowering, corm production and chemical composition of *Gladiolus grandiflorus* cv. White Prosperity plant. Obtained results showed that all tested GA3 concentrations and NPK chemical fertilizers treatments as well as their combination increased vegetative growth parameters i.e., leaf length, leaf area, number and fresh weight of leaves / plant as compared with control in the two seasons. Moreover, the longest spike and flowering portion as well as the highest number of florets / spike were scored by GA3 at 150 ppm combined with chemical fertilizer at 6 g / plant in the two seasons. The thickest spike and the heaviest fresh spike were recorded by GA3 at 100 ppm enriched with chemical fertilizer at 6 g / plant, while the thickest lower floret was gained by the combined treatment between GA3 at 50 ppm and chemical fertilizer at 6 g / plant in the two seasons. Moreover, GA3 at 50 ppm supported with chemical fertilizer at 6 g / plant produced the thickest corm and the heaviest fresh corm in the two seasons. Whereas, the highest number of cormels and the heaviest fresh cormels / plant were recorded by 100 ppm GA3-sprayed plants, fertilized with chemical fertilizer at 6 g / plant in the two seasons. Also, all tested combinations between GA3 and NPK chemical fertilizer significantly increased leaf N, P, K and total carbohydrates content, particularly using the combinations between GA3 at 150 or 100 ppm and NPK chemical fertilizer at 4 or 6 g/plant in both seasons. Conclusively, treating *Gladiolus grandiflorus* cv. White Prosperity plants with GA3 at 150 or 100 ppm combined with NPK chemical fertilizer at 4 or 6 g/plant showed the best vegetative, corm production and flowering characteristics with high quality.

#### **4- Influence of paclobutrazol and cycocel sprays on the growth, flowering and chemical composition of potted *Chrysanthemum frutescens* plant**

**Ghata, Y.A.A.**

**Horticulture, Dept. Fac. of Agric., Benha University.**

##### **ABSTRACT**

A pot experimental study was carried out during the two successive seasons of 2013 and 2014 to study the effect of paclobutrazol at 0.0, 20, 40 and 60 ppm and cycocel at 0.0, 1000, 2000 and 3000 ppm on growth, flowering and chemical composition of potted *Chrysanthemum frutescens* plant. Uniform terminal cuttings were planted in 8 cm plastic pots containing 1:1 mixture of peat moss and sand. On March 1<sup>st</sup> 2013 and 2014, uniform well rooted cuttings were repotted in 20 cm diameter plastic pots filled with a mixture of 1 clay: 1 sand :1 peat moss (v:v:v). After one month from the repotting process, plants received four sprays of paclobutrazol at 20, 40 and 60 ppm and cycocel at 1000, 2000 and 3000 ppm plus tap water as control at two weeks intervals. The obtained results cleared that all paclobutrazol and cycocel concentrations decreased plant height, particularly paclobutrazol at 60 ppm in both seasons. Meanwhile, all applied treatments of paclobutrazol and cycocel statistically increased branches number / plant to reach its maximum with the highest concentration for each. The heaviest fresh and dry weights of leaves/plant were gained by 3000 ppm cycocel-sprayed plants in the two seasons. Also, paclobutrazol and cycocel treatments delayed the flowering of *Chrysanthemum frutescens* plant when compared with control plants which induced the earliest flowering in both seasons. The highest number of flowers/ plant was scored by 60 ppm paclobutrazol -sprayed plants. Whereas, the heaviest flowers fresh and dry

weights/plant were scored by 3000 ppm cycocel-sprayed plants in the two seasons. Moreover, the highest show value (plant width/ height ratio) was recorded with paclobutrazol and cycocel at the highest concentration in the two seasons. The highest number of roots/plant was scored by 60 ppm paclobutrazol-sprayed plants, while the heaviest fresh and dry weights were registered by 3000 ppm cycocel-sprayed plants in both seasons. Furthermore, paclobutrazol and cycocel treatments statistically increased leaf NPK, total carbohydrates and total chlorophylls contents, being superior in the highest concentrations as compared with un-sprayed plants in the two seasons. All paclobutrazol and cycocel treatments increased leaf total phenols content (mg/ 100g F.W) but they still reduced total indoles (mg/100g F.W) of *Chrysanthemum frutescens* leaves.

### **5- In vitro physiological studies on *Lavandula officinalis* L.**

**Mohamed.S.M \*, Agina.E.A\*,Dewidar.A.A\*\*,Ghattas.Y.A.A\***

**Department of Horticulture, Faculty of Agriculture, Benha University, Egypt\***

**Agriculture Research Center, Giza, Egypt Research Institute Horticulture**

#### **Abstract**

Leaf discs, internodal cuttings and root cuttings were taken from healthy lavender plants( *Lavandula officinalis* L.), and were cultured on different medium types(Murashige and Skoog,Nitsch&Nitsch and modified Murashige and Skoog). Different cold pre-treatments (3°C for 1, 3, 5 &7 days ) ,different auxin types (NAA, 2,4-D and I.B.A.), and different 2,4-D concentrations(0.0, 0.5, 1.0, 2.0 &4.0mg/L ) were evaluated.Also,different cytokinin types(Kin, BAP and 2-ip), Different BAP. Concentrations (0.0, 0.5, 1.0, 2.0 and 4.0mg/L) and combinations between both auxin &cytokinin were considered to maximize callus formation &oil yielding ability. The produced global or callus were subjected to maturation and treated with either Glycine,Yeast extract or Tryptophan treatments.In the same time different concentrations(0.0,50,100,150,and 200 mg/l to maximize oil content and oil characters. It was found that modified MS medium ,7 days cold pretreatment,2.0 mg/l 2,4-D. &0.5 mg/l BAP.and 100 mg/L induced the best results. The volatile oil composition of the four treatments of organic additives i.e. Glycine, Yeast extract,and Tryptophane were Twenty compounds. Comparison of the analytical data of the oils revealed marked differences in qualitative and quantitative composition.especially Linalool, camphor,and β-caryophyllene.

### **6- Trials on Acclimatization of Tissue Culture Derived Date Palm Plants (*Phoenix dactylifera* L).**

**Hagagy,N.A.A.\* ; Zayed,N.S.\*\*:Abdel AttY,Y.A.\*: Youssef, D. A.B.**

**Benha University, Faculty of Agriculture.Horticulture, Department\* National Research Center, Agriculture Section, Dokki, Egypt\*\***

#### **Abstract**

Different light intensities i.e.1000,2000 and 3000 lux ; agricultural media i.e. vermiculite , sand , and peat moss ; pot sizes i.e. small &large as well as pot opening types i.e. Basal and longitudinal were trials applied to enhance acclimatization and production of healthy & vigorous plants of Barhi cv. date palm plantlets. Results indicate that using light intensity at 2000 lux improved most parameters under investigation. Also, most of combined treatments of agricultural media were superior in enhancing excellent results for most acclimatization parameters of Barhi cv.date palm. Moreover, using combination of either Basal or longitudinal pot opening types with small pot size during acclimatization stage of Barhi date palm improved most parameters under study.

## **7- EFFECT OF SOME FERTILIZERS ON IMPROVING GROWTH AND OIL PRODUCTIVITY OF BASIL (*Ocimum basilicum*, L.) CV. GENOVESE PLANT.**

**Mohamed, Safaa M.1 ; Eman M. Abou El-Ghait1 ; Nahed S.A. El Shayeb 2.; Y. A. Ghatas and Amal A. Shahin 2**  
**1Horticulture, Dept. Fac. of Agric., Benha University.**  
**2Horticulture, Research Institute, Agriculture Research Center**

### **ABSTRACT**

Two field experiments were conducted to evaluate the effect of bio-fertilizers (nitrobein + phosphorein) when used with half or full doses of chemical fertilizer in presence of Algreen 600 foliar spray at 1g/L and organic fertilizer (compost 10 m<sup>3</sup>/fed.) on some growth parameters, photosynthetic pigments, minerals and oil yield of basil (*Ocimum basilicum*, L.) cv. genovese plants during 2012/2013 and 2013/2014 seasons. Also, interaction effects between Algreen 600 and the applied fertilizer treatments on growth, chemical composition and oil productivity were studied as well. The results showed that, the applied treatments of fertilizers and Algreen 600 as well as their combinations significantly increased most growth parameters i.e. plant height, number of branches, fresh and dry weight of plant (g). Also, photosynthetic pigments i.e. chlorophyll a and b, minerals i.e. N, P and K, especially the treatments of bio-fertilizer or Algreen 600 in the two cuts in both seasons. Additionally. The treatment of 50% NPK+bio-fertilizer+Algreen 600 induced high significant increments in this concern in the two seasons Also, oil yield in leaves gave the maximum values when plants treated with bio-fertilizers, Algreen 600 and 50% NPK+bio-fertilizer+Algreen 600 treatments as compared with those of individual application of chemical fertilizer or untreated ones. Thereby, it could be recommended that the treatments of bio-fertilizer, Algreen600 and NPK at 50% +bio-fertilizer + Algreen600 could be used to improve growth and oil productivity of basil plant.

## **8- The Role of Boron and Some Growth Substances on Growth, Oil Productivity and Chemical Characterization of Volatile Oils in Basil (*Ocimum basilicum* L.) Cv. Genovese.**

**Y.F.Y. M 1 ohamed, 2R.M.Y. Zewail and 1Y.A.A. Ghatas**

**1Department of Horticulture, Faculty of Agriculture, Benha University, Egypt**

**2Department of Agricultural Botany, Faculty of Agriculture, Benha University, Egypt**

### **Abstract**

Two field experiments were carried out at the Experimental Farm of Horticulture Department, Faculty of Agriculture, Benha University, Egypt during the two successive

seasons of 2013/14 and 2014/15 seasons to study the effect of boron and some growth substances (Seaweeds extracts, amino acids and salicylic acid) either applied individually or as in their combinations on growth and oil productivity of basil (*Ocimum basilicum* L.) cv. Genovese. In this respect, the all applied treatments in general statistically and positively affected each of the studied growth parameters and the oil productivity. Application of growth substances significantly increased plant height, number of branches, fresh and dry weights, photosynthetic pigments Chlorophyll a, b and carotenoids), macronutrients (N, P, K) and total carbohydrates by using seaweeds extract at a rate 2 ml/L or amino acids at a rate of 1g/L at the two cuts in both seasons. Also, all concentrations of boron significantly improved all the aforementioned parameters, especially by using the high rates. Additionally, all the combinations between growth substances and levels of boron concentrations improved all the studied parameters, particularly using the combinations of seaweeds extract at a rate of 2 ml/L and boron at 100 ppm at the two cuts in both seasons. Moreover, the combined treatments of 1g/l amino acids and boron (100 ppm) induced high significant increments in this concern in the two seasons. Also, essential oil percentage in leaves gave the maximum values when plants treated with the combined treatments of seaweeds extract (2ml/L) or amino acids (1g/L) and boron (100ppm) compared with untreated plants. The volatile oil composition of basil produced 10 compounds were identified; the main component was the linalool (57.41 to 62.72 %). Thereby, the abovementioned results strongly admit the use of those combinations treatment of seaweeds extract 2ml/L) or amino acids (1g/L) and boron (100ppm) for improving the growth, oil productivity and essential oil composition of basil plant.

### **9- Effect of mineral, biofertilizer (EM) and Zeolite on growth, flowering, yield and composition of volatile oil of *Viola odorata* L plants.**

*<sup>1</sup>Y. F.Y. Mohamed and <sup>1</sup>Y. A.A. Ghatas*

**<sup>1</sup>Horticulture Department, Faculty of Agriculture, Benha University, Egypt.**

#### **Abstract**

This experiment was carried out in the open field at the Experimental Farm of Horticulture Department, Faculty of Agriculture, Benha University, Egypt, during two successive seasons 2013-2014 and 2014-2015 to investigate the effect of mineral fertilizers NPK at the rate of 50 kg N/feddan (one feddan=0.42ha) as urea, 25 kg P<sub>2</sub>O<sub>5</sub>/feddan as calcium superphosphate and 40 kg K<sub>2</sub>O/feddan as potassium sulphate (as full dose) and effective microorganisms (EM) at 30 ml / plant (as biofertilizer), as well as Zeolite at the rate of 48.2 kg/feddan (as full dose) and their combination on growth, flowering, yield of volatile oil of violet (*Viola odorata* L ) plants. The results showed that, the vegetative growth, flowering characteristics, as well as yield of concrete of leaves and flowers and its volatile oil composition of violet were favorably affected by different fertilization treatments either full doses of chemical fertilization, biofertilization (EM) or Zeolite separately or in combination with them. The combined treatments of EM at 30 ml / plant + 75 % dose NPK or full dose of NPK gave higher values in both seasons for most characters (number of leaves, fresh and dry weight of leaves, number of flowers, fresh and dry weight of flowers leaves and flowers concrete, minerals (i.e. N, P, K), total carbohydrates and total chlorophylls. Moreover, the combined treatments of EM at 30 ml/plant + 50 % dose NPK induced high significant increments of all the aforementioned parameters in the two seasons. Additionally, the combinations between EM at 30 ml / plant with 75 or 50 % dose Zeolite improved all the studied parameters as compared to the control in the two seasons. Also, the combined treatments of EM at 30 ml / plant + 75 % dose NPK or full dose of NPK have a pronounced effect for improving the yield of concrete in both leaves and flowers which gave the maximum values and its volatile oil recorded 26 compounds in leaves and 23 compounds in flowers which were identified by using GC/MS chromatography analysis. The main component was the Butyl-2 ethylhexyl phthalate (17.22 to 37.11%) in the volatile oil of violet leaves and flowers, respectively.



## 1.2. Attended Workshops, Symposiums, and Conferences

List name and year

<b>Name of Workshops, Symposiums, and Conferences</b>	<b>Year</b>
TOEFL Zagazig University in the period.	<b>06/28/2004 till 09/02/2004</b>
Research Methodology Banha University program.	<b>August 2005</b>
Program Code of Ethics Banha University	<b>August 2006</b>
Effective communication program at the Benha University	<b>September 2006</b>
Thinking skills program Benha University	<b>April 2007</b>
Conference on Darwin's Living Legacy	<b>November 2010</b>
Word and PowerPoint courses and Windows Benha Institute of Technology within the project of developing the capacity of faculty. ICTP	<b>2011</b>
Attend college Crops Conference	<b>2012</b>
Attend a workshop on activating sites faculty members at the Conference Hall, Faculty of Commerce.	<b>21/04/2013</b>
Participation in the activities of the regional seventh week of community service and development environment	<b>23 to 26 March 2014</b>
Participation in role for the unity of tissue culture Plant tissue culture Horticulture Department, Faculty of Agriculture, of Benha University	<b>2014</b>
self-evaluation role in quality assurance and accreditation center at the Benha University	<b>31/1 to 1/2/2015</b>
The role of strategic planning in quality assurance and accreditation center at the Benha University	<b>31/1 to 02/01/2015</b>
TQM developing the capacity of members of the status of the program faculty and leaders Benha University.	<b>9/8 to 11/8/2015.</b>
Program Mis 58 Mis Iv Bylaws And Control Affairs management of development projects, the training project for Information and Communication Technology at the University of Benha., it was passing the 88% degree.	<b>10/8/2015</b>
self-evaluation program and external auditing developing the capacity of members of the status of the teaching staff and leadership at the Benha University	<b>9/8 to10/8/2015</b>
strategic planning program of developing the capacity of members of the Center faculty and leaders Benha University	<b>1/9 to 3/9/2015</b>
The statistical analysis program of developing the capacity of members of the Center faculty and leaders Benha University	<b>8/9 to10/9/2015</b>
Attend the international conference for Biotechnology Moshtohorr - Hurghada Faculty of Agriculture, Benha University.	<b>2016</b>
Develop students' assessment and examinations D S A S P Benha University Systems Project	<b>2010</b>

#### 1.4. Activities in faculty/university/community service

Name of Activity service	Year
Benha university staff club	2011
Commission laboratory and devices, Fac.of gric. Benha University.	2012
Environmental Development Community Service Committee , Fac.of gric. Benha University.	2013/2014
The Library Committee, Fac.of gric. Benha University.	2015/2016
scientific trips for students of bachelor's Division of specialization stage to all the gardens and nurseries private and government of Egypt	
Member of the tissue culture lab Hort. Dep. Faculty of Agriculture - Benha University	
To assist and participate in courses organized by the tissue culture lab College of Agriculture, Benha University.	
Supervise the college farm and participate in the Department of Horticulture own research plan.	
Oversee the development of research plans and strategy section.	
Oversee the summer training for students of second and third-level undergraduate.	
Oversee the graduation projects for undergraduate students.	
Oversee the Masters and PhD..	
A member of the standard educational programs coordinator for the Master's program ornamental part of a project to obtain accreditation College of Agriculture, Benha University. I got was a certificate of appreciation and tribute after obtaining accreditation.	
Amember of the quality assurance and accreditation Benha University College of Agriculture assurance system mechanisms.	
Participate in the organization of scientific conferences and symposia own Hort.Department faculty.	
Participate in the activities of the regional week to community service and development environment, which is organized by Benha University.	
Participate in the work of the various examinations control Faculty of Agriculture, Benha University.	