



Curriculum Vitae



Dr. Essam Yosef Abdul-Hafeez

<u>Personal information</u>	
Family Name	Abdul-Hafeez
Name	Essam
Middel name	Yosef
Date and place of birth	3/4/1976 (Assiut, Egypt)
Gender	Male
Nationality	Egyptian
Marital Status	Married with children (13,11,9 years and 3 months)
Position	Lecturer at Ornamental Plants and Landscape Gardening Department, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Mailing address	Ornamental Plants and Landscape Gardening Department, Faculty of Agriculture, Assiut University, Assiut, Egypt.
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Google Scholar	https://scholar.google.com.eg/citations?user=WfMHirwAAAAJ&hl=ar
Web Page	http://www.aun.edu.eg/arabic/membercv.php?M_ID=1320
<u>Languages:</u>	
English	(Upper intermediate level)
Russian	(Excellent)
German	(Gruendstufen drei III)
Arabic	(Mother Language)
<u>Education degrees</u>	
	1- Ph.D. in Biotechnology of medicinal plants, 2011, Biotechnology Dept., Fac. of Biology, Astrakhan State University, Astrakhan, Russia. 2- M.Sc. in Agriculture science, 2003, Floriculture Department, Fac. of Agriculture, Assiut University, Assiut, Egypt. 3- B.Sc. in Ornamental plants and landscape gardening, 1997, Dept.of Hort., Fac. of Agric., Assiut Univ., Assiut, Egypt.
Ph.D. Title	"Study of development and separation of extracts and essential oils of <i>Acorus calamus</i> and <i>Alhagi pseudalhagi</i> , growing in the Astrakhan region" spervisor: Mekhael Alekcevech Egorov
M.Sc. Title	"Response of <i>Scindapsus aureus</i> , L. plants to certain growing media and fertilizers" supervisors: Gamal Taha Mousa and Ismaeil Elsalami
<u>Scientific missions:</u>	
	1- Postdoctoral fellowship, 2013-2014, Microbiology department, Fundemental of medicine and biology Instetuite, Kazan Federal University, Russia.
<u>Academic records</u>	
	- Assistant Professor at Ornamental, medicinal and aromatic plants and landscape gardening



department, Faculty of Agriculture, Assiut University, Assiut, Egypt. (2011 until now)
 - Assistant lecturer at Ornamental plants and landscape gardening department, Faculty of Agriculture, Assiut University, Assiut, Egypt. (2003-2011)
 - Demonstrator at Ornamental plants and landscape gardening department, Faculty of Agriculture, Assiut University, Assiut, Egypt. (1998-2003)

Research funding

Co-Principal investigator Establishing a pilot unit for preparation, processing, packing and oil extraction of medicinal and aromatic plants, 2014-2015, Competitive Excellence Project of Higher Education Institutions, Egypt.

Teaching career

Teaching undergraduate and graduate courses on :

1. Horticulture basics
2. Quality and export specifications of horticultural crops Landscape gardening
3. Non-traditional horticultural crops
4. Nurseries and seedling production
5. Protected Agriculture
6. Nurseries and vegetative propagation of Horticultural Crops
7. Handling and Storage of Horticultural Crops
8. Computer Applications in the area of horticulture
9. Agricultural practical applications
10. Flower arrangement
11. Lawns and ground covers
12. Shade plants
13. Trees and shrubs
14. Medicinal and aromatic plants
15. Palms and plants-like
16. Handling and storage of flowers
17. Woody trees
18. Breeding of ornamental plants
19. Propagation in ornamental plants.
20. Production of ornamental, medicinal and aromatic plants
21. Physiology of horticultural crops
22. Extraction of plant active componentsAnd more of courses

Scientific supervisions

Ph.D./M.Sc.	Subject
Ph.D. co-supervisor	Mutations and plant breeding of <i>Salvia splendens</i> and <i>Salvia coccinea</i>
M.Sc. co-supervisor	Effect of different growth regulators and potting media on cutting germination of <i>Dracaena sanderosa</i> and <i>Cordyline fruticosa</i>
M.Sc. co-supervisor	In vitro propagation of <i>Rosa damascena</i>
M.Sc. co-supervisor	Modern methods to germinated several annual plant seeds

Publications

- 1- **Abdul-Hafeez E.Y.**; O.H.M. Ibrahim and N.E. Elkeltawi. Reuse of Wastewater from Phosphate Fertilizer Factories Can Combat Soil Alkalinity and Improve Quality of Potted Gardenia (*Gardenia jasminoides* Ellis). Journal of Biodiversity and Environmental Sciences (JBES), 6 (3), 2015, p. 423-433, IF: 1.35
- 2- **Abdul-Hafeez E.Y.**; Nguyen Thi Nga; Nazira S. Karamova and Olga N. Ilinskaya. Antibacterial Activity of Certain Medicinal Plants on Different Bacterial Strains Associated with Colorectal Cancer. International J. of Biosciences, 5 (7), 2014.- p. 219-229. IF: 0.553
- 3- **Abdul-Hafeez E.Y.**; Nazira S. Karamova and Olga N. Ilinskaya. Antioxidant Activity And Total Phenolic Compounds Content of Certain Medicinal Plants. International J. of Biosciences, 5 (9), 2014. IF: 0.553
- 4- Yassin M. Y. S. and **E.Y.Abdul-Hafeez**. Lead in soils and plants in park Nuzhi. Natural

- Sciences Journal, ASU Russia, № 1 (34), 2011. - p. 50-56.
- 5- **Abdul-Hafeez E.Y.**; M.A. Egorov and L. T. Sukhenko. Antibacterial activity of essential oils and ethanol extracts of *Acorus calamus* and *Alhagi pseudalhagi* collected from Astrakhan region. Bulletin of the Altai State Agrarian University, № 3 (77), 2011. - p. 61-65.
 - 6- **Abdul-Hafeez E.Y.** and M.A. Egorov. Study of volatile organic components of *Acorus calamus* essential oils by method gas chromatography and mass spectrometric analysis. Natural Sciences Journal, ASU Russia, № 4 (33), 2010. - p. 152-160.
 - 7- **Abdul-Hafeez E.Y.** and M.A. Egorov. Estimates of the remainder of heavy metals and organochlorine pesticides in the extracts of *Acorus calamus* and *Alhagi pseudalhagi* assembly in Astrakhan oblast. Natural Sciences Journal, ASU Russia, № 4 (33), 2010. - p. 46-52.
 - 8- **Abdul-Hafeez E.Y.** and M.A. Egorov. Biological study on growth of *Alhagi pseudalhagi* in different soil types in Astrakhan region. Bulletin of the Altai State Agrarian University, № 5 (67), 2010. - p. 61-64.
 - 9- **Abdul-Hafeez E.Y.** and M.A. Egorov. Influence of qualitative composition soils Astrakhan oblast on plant growth and contents of essential oils extracted from *Acorus calamus*. Bulletin of the Altai State Agrarian University, № 4 (66), 2010. - p. 30-34.
 - 10- Aly-Eldeen M. A.; **E.Y. Abdul-Hafeez**; L. T. Sukhenko and M.A. Egorov. Study of microbiological activity of an extract from *Salvinia natans*. Natural Sciences Journal, ASU Russia, № 1 (30), 2010. - p. 34-37.
 - 11- Moussa G.T.; I.H.El-Salami and **E.Y. Abdul-Hafeez**. Evaluation of certain potting media and NPK fertilizers for commercial production of pothos (*Scindapsus aureus*, L.). Assiut Journal Science, 35 (1): 251-267 (2004).

Other scholarly contributions

1. **Abdul-Hafeez E.Y.**; Nazira S. Karamova and Olga N. Ilinskaya. Mutagenic And Antimutagenic Activity of Eight Stem Bark Aqueous Extracts Using Bacterial Reverse Mutation Test (Ames Assay), 2014 (Under reviewing)
2. Yassin, Y.M. and **Abdul-Hafeez, E.Y.** Role of the historic gardens (Antoniadis gardens) in reducing lead pollution. 1st assiut international conference of horticulture, Faculty of agriculture, Assiut university, Assiut, Egypt, 24-27 February, 2013.
3. **Abdul-Hafeez E.Y.** and M.A. Egorov. Chromatographic analyse of volatile organic compounds in essential oil of *Acorus calamus* L. Rhizome. The sixth scientific conference of agricultural sciences, Faculty of agriculture, Assiut university, Assiut, Egypt, 13-14 October, 2012.
4. **Abdul-Hafeez E.Y.**; M.A. Egorov and L. T. Sukhenko. Antibacterial properties of essential oils and extracts of some plants of the Astrakhan region. Proceedings of International Conference of the elements of the scientific school for young people "Ecoculture and phytobiotechnology to improve the quality of life in the Caspian Sea," ASU Russia, Astrakhan, 7 – 10 December, 2010 - p. 316-318.
5. **Abdul-Hafeez E.Y.** and M.A. Egorov. Bioecological study to assess the effectiveness of the different directions of growth of camel thorn (*Alhagi pseudalhagi*) in the Astrakhan region. Proceedings of International Conference of the elements of the scientific school for young people "Ecoculture and phytobiotechnology to improve the quality of life in the Caspian Sea," ASU Russia, Astrakhan, 7 – 10 December, 2010 - p. 313-316.
6. **Abdul-Hafeez E.Y.** Study of changes in growth and maintenance of sweet flag essential oil, growing in various places of the Astrakhan region. Proceedings of the international scientific practical conference "The priorities and interests of modern society," ASU Russia, Astrakhan, 12-13 April, p. 212-214 (2010).
7. **Abdul-Hafeez E.Y.** and M.A. Egorov. The possibility of obtaining essential oils from medicinal plants: camel-thorn and sweet flag, growing in the Astrakhan region. Proceedings of V All-Russian scientific conference of students and young scientists with the elements of the scientific school "Actual problems of innovative development of agro-industrial complex,"

ASU Russia, Astrakhan, 29 October- 1 November, p. 54-55 (2009).

Administrative functions

- Advisor of Ornamental Plants Nursery, Assiut University, (Feb., 2012 until now).
- Director of Compost Production Unit, Assiut University, (2012 until now).
- Director of Production Unit of Coil Landscaping (2012 until now).
- Advisor of center of Learning Russian Language, Assiut university (04-12-2011 until now).
- Assistant supervisor of the center of russian language study (2011 until now).
- Coordinator of the relationships between Assiut University and CIS Universities (2011 until now).
- Member of Implementation Committee of the Quality Assurance Unit (Leadership and governance file), Faculty of Agriculture, Assiut University (2011-2013).
- **Member of Implementation Committee of the Quality Assurance Unit (Quality management file), Faculty of Agriculture, Assiut University (2013 until now).**
- Member of the Election Committee of university leaders, Faculty of Agriculture, Assiut University.
- Member of the committee elections of student unions, Faculty of Agriculture, Assiut University.
- Member of organization committee of several conferences, Faculty of Agriculture, Assiut Univ., Assiut.
- Academic supervisor for some of Credit hour students, Faculty of Agriculture, Assiut Univ., Assiut.

Conferences

19 April, 2015	The 8 th scientific conference of young scientists, Faculty of agriculture, Assiut university, Assiut, Egypt.
24-27 February, 2013	The 1 st assiut international conference of horticulture, Faculty of agriculture, Assiut university, Assiut, Egypt.
13-14 October, 2012	The sixth scientific conference of agricultural sciences, Faculty of agriculture, Assiut university, Assiut, Egypt.
13 May, 2012	The sixth scientific conference of young scientists, Faculty of agriculture, Assiut University, Assiut, Egypt
12 May, 2012	Scientific symposium of agricultural development in Egypt: a vision for the future after the revolution of 25 January. Faculty of Agriculture, Assiut University In collaboration with the Egyptian Society of Agricultural Economics.
24-26 March, 2012	The sixth international conference for development and environment in the arab world, Assiut University, Assiut, Egypt
18-22 February, 2012	The first international conference on biotechnology applications in agriculture, Faculty of Agriculture, Benha University, Moshtohor and Hurghada, Egypt
7-10 December, 2010	International Conference of the elements of the scientific school for young people "Ecoculture and phytobiotechnology to improve the quality of life in the Caspian Sea," ASU Russia, Astrakhan
12-13 April, 2010	International scientific practical conference "The priorities and interests of modern society," ASU Russia, Astrakhan
29 Oct.- 1 Nov., 2009	V All-Russian scientific conference of students and young scientists with the elements of the scientific school "Actual problems of innovative development of agro-industrial complex," ASU Russia, Astrakhan

Prizes

2015	Prize of Excellency in International Scientific Publishing, Center of the International Scientific Publishing, Assiut University
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Activities

- * Reviewing some of manuscripts of international journals Like; International Journal of Environmental Science and Toxicology (IJEST) and Journal of Advancement in Medicinal Plant Research.
- * Participated in:
 - 1- Workshop on Household waste looking for solutions. Engineering faculty, Assiut Univ., Assiut, 16 October, 2012.

- 2- Workshop on Using global databases and digital library services. Assiut University, 2-3 October, 2012.
- 3- The training course on HPLC and GC-MS. Pharmaceutical Services Center, Faculty of Pharmacy, Assiut University. (7-8 April, 2012).
- 4- Workshop on The art of persuasion by suggesting. The Egyptian Association for Family Development. (13 March, 2012).
- 5- The training course on Intellectual Property: Patents, Databases, Computer Programs. Astrakhan state university. (11 March – 28 May, 2009).
- 6- Principles of Molecular Biology. By Biotechnology Laboratory, Faculty of Agriculture, Assiut University. (8-10 Oct., 2007).
- 7- Organic Agriculture Training. National Project for Training on Organic Agriculture, Agriculture Center, Central Lab. of Organic Agriculture. In collaboration with Industry Renovation Center, Industrial Training Counsel. (July 2007).
- 8- A short course on plant tissue culture and transformation at Assiut University – Organized by Genetic engineering & Tissue culture unit, Genetic Engineering & Molecular Biology Research Center, Assiut University in collaboration with Midwest Universities Consortium for International Activities (MUCIA), USA. (11-15 March 2007).
- 9- Active learning strategies workshop organized by AERI institutional linkage project, Midwest universities consortium for international activities, Capacity building component conducted in Faculty of Agriculture, Assiut university. (22 February 2007).
- 10- Arab El-Madabegh; the Problem and the Solution. Serial Sessions towards active interaction between the University and the Environment. Organized by Assiut University Center for Ecological Studies (AUCES), Assiut University. (18 December 2006).
- 11- Genetically Modified Food session. Organized by Genetic Engineering and Molecular Biology Center. Assiut University. (20 December 2005).
- 12- Needs Assessment and Capacity Building Workshop. organized by Faculty of Agriculture, Assiut University in collaboration with Midwest Universities Consortium for International Activities (MUCIA), USA at Cairo, Egypt. (14 Sept. 2004).
- 13- Medicinal and Aromatic plants Exporting training organized by MUCIA at Cairo, Egypt. (July 2004).
- 14- Training courses organized by Faculty and Leadership Development Project (FLDP):
 - Teaching with Technology (22-25 May 2005).
 - New Trends in Teaching (22-24 January 2006).
 - Legal Affairs (25-27 February 2006).
 - Communication Skills (3-5 July 2006).
 - Code of Ethics (18-20 November 2006).
 - Thinking Skills (26-28 February 2007).
 - Teaching for the Great and Small Number of Students (10-12 April 2007).
 - Preparation and writing of scientific researches and international publishing (19-21 May 2007)
- 15- Training courses organized by improving higher education workforce ICT skills project, Central unit of ICT training (CUICTT), Supreme council of universities, 2007:

* Basic concepts of IT	* Using computer and managing files
* Word processing	* Spreadsheets
* Presentations	* Database
* Information and communication	* Graphics – Adobe Photoshop
* Introduction to PC maintenance and protection	

Association membership

- **Agricultural Chemistry and Environmental Protection Society**
- **Graduates of Assiut and New Valley Society (member of the board directors)**

Computer Skills

- ICDL certificate (International

- Database (Access)

- Computer Driving License)*
- *MS-Dos & Win98 introduction*
 - *Win98 advanced*
 - *Winxp*
 - *Information technology (IT)*
 - *Spreadsheets (Excel)*
 - *Word processing*

- *Presentations (MS PowerPoint)*
- *FrontPage*
- *Internet 5.0 & MS Outlook 2003*
- *Adobe Photoshop 7.0*
- *Computer maintenance*
- *MSTATC (statistical analysis program)*

Voluntary work

- *Sharing in a project entitled "aiming the worthier groups of sponsorship and care" organized by the Ministry of Social Affairs in collaboration with Assiut University (from May 1st to May 31st 2007).*
- *Designing and implementing of some landscapes inside the Faculty of Agriculture, Assiut University.*
- *Sharing in several workshops*
- *Environmental conference 2002*
- *Forestry camp 2003*
- *Agricultural Extension Convoys for farmers, Assiut region as a cooperation between Assiut University and Ministry of Agriculture*

Research interests

I am interested to studying:

All stress factors (salinity, drought and temperature) on growth and quality of horticultural crops.

Extraction of active components from different medicinal plants and tested their antibacterial, antioxidant and antimutagenicity activities.

Using of different modern irrigation system to improve productivity of horticultural crops.

Recycling the farm wastes and use the compost fertilizer to feed horticultural crops especially in organic farms.

Teaching philosophy

I believe that The learning environment must be supportive and productive, The teacher builds positive relationships through knowing and valuing each student. This component is about building quality relationships, based on respect, value and care. It is about taking time to get to know and understand students, in an educational sense but also in a wider social and personal sense.

This component is demonstrated by teachers:

- Targeting questions, or responding to answers, in a way that acknowledges individual needs and potential contributions
- Finding out about the interests and background of each student
- Focusing attention, when circulating, on students who have particular needs
- Encouraging all students to contribute
- Responding positively and non-judgmentally to student contributions
- Using humour and anecdotes to develop rapport with the class
- Talking to students to determine the root causes of misbehavior and responding appropriately
- establishing a tradition in class whereby students talk about instances of new ideas connected to their lives and communities
- Providing support for students through mentoring and pastoral roles and organization of extra activities, such that relationships are built around multiple aspects of students' lives.