

Curriculum Vitae

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TABLE OF CONTENT

DIPLOMA	3
PROFESSIONAL CARRIER	3
INTERNATIONAL AND NATIONAL CONSULTANT/EXPERT	4
Prizes/Awards And Academic Distinctions	5
National/International grants	5
National/international workshops and training courses	6
Supervision of Graduate Students	7
Publications	7
- Booklets/Brochures	7
Publications	8
References	11

DIPLOMA

Diploma	Y	Specialty	University
Ph. D	1996	Agricultural Engineering	Cairo University VPI&SU USA
M. Sc	1991	Agricultural Engineering	Cairo University
Engineer(BSc)	1982	Agricultural Mechanization	Aim Shams University

PROFESSIONAL CARRIER

Period	Institution	Position	Title
2010- 2013	Bioengineering Research Dept., Agric. Eng. Res. Institute	Researcher Staff	Chief researcher
2007- 2010	Design development and safety Dept Agric. Eng. Res. Institute	Researcher Staff	Chief researcher and Dept Head
2002 -2007	Design development and safety Dept Agric. Eng. Res. Institute	Researcher Staff	Senior researcher
2005	Virginia polytechnic Institute and State, USA	Visiting scholar	Researcher
1996--2002	Design development and safety Dept	Researcher Staff	Researcher
1993-1995	Virginia polytechnic Institute and State, USA	Visiting scholar	Researcher
1991-1996	Design development and safety Dept	Researcher Staff	Assistant researcher
1986-1991	Design development and safety Dept Agric. Eng. Res. Institute	Researcher Staff	Researcher Assistant
1982-1986	Sakah Agric. Res. Station	Specialist	Agric. Engineer

INTERNATIONAL AND NATIONAL CONSULTANT/EXPERT

Organization	Year/ Country	Project	Position
Midwest Unvi. consortium for international activity (MUCIA)	2010-2013	Value-Chain Training project (Agricultural Technical Schools)	Consultant Skill Sheet advisor
USAID- (MUCIA)	2009	Value-Chain Training project (Agricultural Technical Schools)	Consultant psychomotor Skills trainer
USAID -(MUCIA)	2007	Value-Chain Training project (Agricultural Technical Schools)	Consultant Active learning trainer
USAID - MUCIA	2006	Value-Chain Training project (Agricultural Technical Schools)	Consultant ATS curriculum
Natural Oil company	2009-2012 CairoEgypt	Develop Jojoba collecting machine	Expert of harvester equipment
Agriculture Research Center (ARC)	2005- 2009 Egypt	Project of improve long fiber (Sisal)	Expert of harvester equipment
Agriculture Research Center (ARC)	2005- 2007 Egypt	Project of improve canola harvesting	Expert of harvester equipment
New Holland, USA	2000, USA	Develop yield monitor	Expert of harvester equipment
Tanta Motors	1990-1993 Tanta Egypt	Develop harvester (reaper)	Specialist of harvester equipment
The Arab Authority for Manufactures (SAKR)	1990-1993 Cairo	Develop harvester (reaper)	Specialist of harvester equipment

Prizes/Awards And Academic Distinctions

Direction	Award/Year
The Arab Authority for Manufactures	The role of standards in the development of local manufacturing of agricultural equipment.
Misr Journal of Agricultural Engineering 2003	The conference price of 2003

Professional activities/Present activity

Activities	Role
Egyptian Society for Agriculture Engineering	Member
American Society for Agriculture and Biological Engineering	Member
ARMARC Agriculture research center	Member

National/International grants

Direction	Year	Title of grant	Location
Canadian International Development Agency (CIDA),	2013	Development of the Egyptian Agriculture	Cairo
African Development Fund and funded by the European ARDF	2012	The use of greenhouses in the desalination of brackish extraction of medicinal and aromatic oils	Cairo
ARDF	2011	machine vision in the sorting and grading fruit	Cairo
ARDF	2010	Skill sheet	MUCIA-Cairo
Value Chain project	2006-2013	fruit harvesting tools and machines (Olives, Peaches, mango, and citrus	Cairo
Academy of Scientific Research and Technology	2004-2008	Design and development grain harvester (Combine)"	Cairo
Academy of Scientific Research and Technology	1999-2003	Post Doc	USA
Develop hydraulic system	2000	Design and development yield monitor for round baler	USA
New Holland, USA	2000	Design and development cultivation combination units	Cairo
Academy of Scientific Research and Technology	1991-1995	Agriculture Engineer	Cairo
NARP	1991-2000	Agriculture Engineer	Cairo-Shakha.
EMCIP	1984-1990		

National/international workshops and training courses

Period / year	Orga	Title	Location
2009	Midwest Universities Consortium for International Activities MUCIA	Skill sheet workshops for agricultural technical school (ATS)	Cairo
2008	MUCIA	How to teach psychomotor skills workshop	Cairo
2007	MUCIA	Planning, Delivering, and Evaluating Instruction in agricultural Mechanics	Cairo
2007	MUCIA	ATS Lesson Plans Workshop	Cairo
2006	MUCIA	Teaching Methods and Curriculum Development workshop	Cairo
2006	MUCIA	Training of Trainers for ATS	Cairo
2006	MUCIA	Active learning Strategy	Cairo
2004	American University in Cairo	Managerial Skills	AUC
2000	AEnRI	GIS technology in agriculture training course	AEnRI
1999	AEnRI	Finite element analysis in agricultural machine	AEnRI
1998	AEnRI	the design and development agricultural equipment	AEnRI
8-14 March 1997	National research center	Technology management workshop	NRC
2005	MALR	Rehabilitation re-operate The Sudanese Egyptian agricultural farm (200 thousands feddan)	Sudan
2002	MALR	Participate the Agricultural International Fair	Spain
Feb-Aug, 2000	Virginia state university, Virginia, USA.	Develop Hydraulic system	Pennsylvania, USA
1993-1995	Virginia state university, Virginia, USA.	Develop Combine harvester	Virginia- USA.
Sept-Dec-1989	GTZ	Agriculture Machinery Testing	Germany

Supervision of Graduate Students

N	T	Degree	Date
Ayman Abd El kalhk	Development of Machine Vision System for Sorting Some Fruits and Vegetables	Ph.D	2012
Raif Fouad Beshara	Crop Estimation Using Satellite- Based and Ground-Based Surveys (Comparative Study).	M.Sc	2004
Rafeek Noshee	Study on the crop handling equipment (Development of fruit and vegetable washing machine).	M.Sc	2005
Ahmed Ragab	Studies on safety in the operation of agricultural mechanization units	M.Sc	2005
Haba Sabry Abd El Rahman	Development of hammer mill by Finite element techniques	M.Sc	2013
William mina	Development of cyclone for grain separation	M.Sc	----
Mohamed Refaey	Development of Landscape aeration machine	M.Sc	-----

Publications

Booklets/Brochures

Year	Title	P
2011	Mechanization book for Agricultural technical school (ATS) second year	Ministry of Education MOA
2010	Lab Book for Agricultural technical school (ATS) third year	MOA

Publications

- 1- El-Sahrigi, A.F., A.S. Hamam and Y.F. Sharobeem 1996. Development of tractor front mounted reaper windrower. Mansoura Univ., J. Agric. Sci., 21(8): 2969-2976.
- 2- El-Sahrigi, A.F., Y.F. Sharobeem and A.S. Hamam 1997. Comparative study for different types of combine harvesting in Egypt, ASAE paper No. 971064.
- 3- Hamam A.S., Y.F. Sharobeem and M.A. Bayoumy 1999. Agriculture machinery related farm accidents in Egypt. Safe agricultural production strategy in the Arab country. The Arab council for higher education and scientific research- The Arab university union P: 767-779.
- 4-Bayoumy, M.A., Y.F. Sharobeem 1999. Comparative evaluation of rice harvesting and threshing of small farms. First national conference "Egypt and the challenge of the next century", Hallwan Unvi.
- 5- Beshara, R.F., M.A.Deif Alla, S. Abdel-Rahman and Y.F. Sharobeem 1999. New approach for calculating crop residues using remote sensing data. VI th National conference for environmental studies & research "Egyptian desert environmental development " Institute of environmental studies & research. Ain Shams University P: 393-411.
- 6- Zaky, M.H, Salama, G.M., and Y.F. Sharobeem 2000. The effect of tactile and non tactile mechanical stimulation on the sweet pepper plants under protected cultivation. Annals of agric. Sc., Moshtohor. Vol. 38(2): 1057-1074.
- 7- Zaky, M.H., G.M. Salama and Y.F. Sharobeem 2000. Response of sweet pepper seedlings to physical impedance. Annals of agric. Sc., Moshtohor. Vol. 38(2): 1087-1100.
- 8- Sharobeem, Y.F. and S.M. Radwan 2000. Evaluation and modification of the multi crop combine harvester. ASAE paper No. 001162.
- 9- Hamam, A.S., Y.F. Sharobeem 2001. The finite element analysis and field-tests for deep chisel plow. Misr J. Ag. Eng., 18(3):663-676.
- 10- Hamam, A.S., Y.F. Sharobeem and S.E. El-Kawaga and M.A.Fadel 2001. Promoting fluid power in agricultural engineering. Presented in 9th annual conference of Misr Society of agric. Eng. (MSAE) and Arab union of engineering industries on Agricultural equipment manufacturing. Sahara exhibition 9-12 September 2001
- 11-El-Berry A.M., F.M. Abdo and Y.F. Sharobeem 2001. Local manufacturing of potato production equipment. Presented in 9th annual conference of Misr Society of agric. Eng. (MSAE) and Arab union of engineering industries on agricultural equipment manufacturing. Sahra exbition 9-12 September 2001.

- 12- Hamam, A.S., Y.F. Sharobeem 2001. The finite element analysis and field tests for deep chisel plow. *Misr J. Ag. Eng.*, 18(3):663-676.
- 13- Badawy, M. E., Y. F. Sharobeem and I. S. Yousef (2002). Evaluation and modification of fodder beet cutting machine. *Misr J. Ag. Eng.* 19 (4): 935-944
- 14- Egela M. I., Y. F. Sharobeem and M. E. Badawy (2003) Modification Of Some Operational Parameters For Local Manufactured Hammer Mill. *Misr J. Ag. Eng.* 20 (4): 830-840.
- 15 - Cundiff, J and Y.F.Sharobeem 2003. Development of yield monitor for round baler (part one). ASAE paper No. 031036.
- 16- Sharobeem, Y. F., I.M. A Abd El- Tawab and S. E. El- khawaga (2003). Design And Construction Of A 3 Row Lifting Machine For Sugar Beet. *Misr J. Ag. Eng.* 20 (4): 980-992.
- 17 - Hanna , RFB., M.A.Deif Allah, A.M. El Berry and Y.F Sharobeem 2004. Crop Estimation Using Satellite- Based and Ground-Based Surveys (Comparative Study). ASAE paper No. 041121.
- 18- El-Khawaga, S.EL.and Y. F. Sharobeem,(2004) Study Of Some Engineering Factors Affecting The Flax Deseeding Methods. *J. Agric. Sci. Mansoura Univ.*, vol. 29(5);: 2595-2606.
- 19- Younis S. M. , Y. F. Sharobeem , A.R.Hamed (2004). Analytical study for human factors and its relationship with operation accidents in agricultural mechanization . *Misr J. Ag. Eng.*, 21(3)642-656.
- 20- Hamam, A.S., Y. F. Sharobeem, and S.EL. El-Khawaga, (2005) Tractor Noise Exposure Levels in Egyptian Farms. *J. Agric. Sci. Mansoura Univ.*, vol. 30(1);: 2595-2606.
- 21- Kassem A.M., A.M.F Bahnassy and Y.F.Sharobeem (2005) Conditional control in greenhouses using pad cooling. *Egyptian Journal of Agricultural Research Vol 83(1)361-371.*
- 22- Younis S. M. , M. S. Omran, Y. F. Sharobeem , R. N. Thabet, (2005) Development Of washing machine for horticultural fruits Washer . *Misr J. Ag. Eng.*, 22(2)532-554.
- 23- Zaky. M.H., and Y.F. Sharobeem. (2006). Effect of agril (polypropylene) cover sheet on the microclimate, yield and quality of lettuce. *Egypt J. of Appl. Sci.*, 21(5)279-295.
- 24- Sharobeem Y.F. (2007) Development of a Special Combine header for harvesting Canola. *J. Agric. Sci. Mansoura Univ.*, vol. 31(1);: .125-138.
- 25- Sharobeem Y.F.(2007) Apparent Dynamic Friction Coefficients For Grain Crops. (2007). *Misr J. Ag. Eng.*, 24(3): 557-574

- 26- Sharobeem Y.F.(2008) Development of a Special Combine header for harvesting Canola. ASABE paper No. 083460.
- 27- Sharobeem Y.F. and Safwat El H. El Gawaga (2010) Design, Construct and Evaluate a Sisal Decorticator Machine. ASABE paper No. 1009669
- 28- El-Iraqi, M.E.; S.E. El Khawaga and Y. F.Sharobeem (2010). Design, and Evaluation of Mechanical aid Tools for Mango Fruits Harvesting. Misr J. Ag. Eng27 (4): 1630-1650.
- 29- Soliman, A. H.; El-Iraqi, M.E.; Y. F. Sharobeem and T.R. Awais (2011). Dvelopment and Evaluation of Mechanical Picking Heads for Citrus Fruits Harvesting. AMA Vol. 43(2):50-58.
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- 31- Amer Eissa A.H., A.H. Gomaa, E. Elsaiedy, Y.F. Sharobeem and .A.Ibrahim 2012. Machine Vision Simulation for Sorting Orange Fruits. Journal of Applied Sciences research Vol. 8(7): 3211-3224.
- 32- Suliman, A.El.R., W.M. Ibrahim, Y.F. Sharobeem and H.S. Abd El Rahman 2012. Development of Knives locally Manufactured Hammer Mill by Using a Finite Element Method. Misr J. Ag. Eng 29 (4): 1457-1472.
- 33- Ibrahim*, A.A.; Y. F. Sharobeem;* A.H. Eissa;** E. Elsaiedy** 2013 Machine Vision system based Image Analysis for Automated External Quality Evaluation of Tomato Fruit. (Under publication).

References

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