

CURRICULUM VITAE

A.1. Personal Data:

Name Hady El Said Mohamed Abdel Maksoud El Gendy
 Nationality Egyptian
 Date/Place of Birth 14/10/1976
 Marital Status Married
 e-mail hady_elgendy@yahoo.com
 Address Faculty of Engineering, Northern Border University, Arar, KSA
 Phone & Mobile 00966580774334



A.2. Education:

Degree	University	Address	Date
Ph.D.	Menofia University	Egypt	19/01/2010
M.Sc.	Menofia University	Egypt	18/3/2006
B.Sc.	Menofia University	Egypt	May 2001

A. 3. Training Courses:

Title	Name & Addresses of Awarding Organization	Date
Use of technology in teaching	Faculty and Leadership development Center (FLDC), Menofia University, Egypt	1-3/7/2007
Communication skills in different types of education	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	14-16/6/2009
Organizing scientific conferences	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	21-23/6/2009
Exam systems and evaluation of students	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	28-30/6/2009
Behavior of the profession	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	17-19/1/2010
Manage time and meetings	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	24-27/1/2010
The definition of Saudi Digital Library	Deanship of Library Affairs, Northern Border University	11/11/2013
Mind mapping skills	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	3-4/6/2020
University and society	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	16-17/6/2020
Making decisions and solving problems	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	30/6/2020-1/7/2020
Self-study for higher education institutions	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	7-8/7/2020
Use of the global databases	Faculty and Leadership development Center (FLDC) , Menofia University, Egypt	14-15/7/2020
Design and development of programs and courses (policies and procedures)	University Vice Presidency for Academic Affairs, Northern Border University	13-14/2/2022

A. 4. Professional Experience:

Employment Status	Institution and Address	Date
Associate Professor	Menofia University, Shebin Elkom, Egypt	24/11/2020 till date
Assistant Professor	Northern Border University, Arar , KSA	20/08/2013 till date
Assistant Professor	Menofia University, Shebin Elkom, Egypt	22/02/2010 : 19/08/2013
Lecturer Assistant	Menofia University, Shebin Elkom, Egypt	15/04/2006 : 22/02/2010
Instructor	Menofia University, Shebin Elkom, Egypt	26/05/2003 : 15/4/2006

A.5. Foreign Language Skills:

	Foreign Language	Speak	Read	Write	Level		
					Fair	Good	V. Good
	English	Good	v. good	v. good			✓

FORM B: SCIENTIFIC CONTRIBUTIONS**B.1. Papers Published in Conferences, Workshops and Refereed Scientific Journals**

1. **Hady Abdel Maksoud**, Shaaban M. Shaaban, " Torque Ripple Reduction in SR Motor Operating Without Rotor Position Sensor", Advanced in Electrical and Computer Engineering, Vol. 22, No. 3, 2022, 53-60.
2. **Hady Abdel Maksoud** " DC Motor Parameters Identification Using Farmland Fertility Optimizer", International Journal of Intelligent Engineering and Systems, Vol. 14, No. 3, 2021, PP 23-30.
3. Ahmed M. Agwa, Attia A. El-Fergany, **Hady A. Maksoud**“ Electrical Characterization of Photovoltaic Modules using Farmland Fertility Optimizer” Energy Conversion and Mangment, Vol. 217, 2020.
4. Mohamed S. Zaky, **Hady Abdel Maksoud**, Shaaban M. Shaaban, “Analysis of Hysteresis Band Variations in DTC on the Performance of IM Drives” Journal of Electrical systems (JES), 2020, PP
5. **Hady Abdel Maksoud**“ A Hybrid Torque Sharing Function with Controlled Commutation Period for Torque Ripple Minimization in SRM” International Journal of Intelligent Engineering and Systems, Vol. 13, No. 3, 2020, PP 134-142.
6. **Hady Abdel Maksoud**, Mohamed S. Zaky,“ Design of an Adaptive Flux Observer for Sensorless Switched Reluctance Motor Using Lyapunov Theory” Advances in Electrical and Computer Engineering, Vol. 20, No. 2, 2020, PP 123-130.
7. **Hady Abdel Maksoud**“ Torque Ripple Minimization of a Switched Reluctance Motor using a Torque Sharing Function based on the Overlap Control Technique” Engineering, Technology & Applied Science Research, Vol. 10, No. 2, 2020, PP 5371-5376.
8. **Hady Abdel Maksoud**, Shaaban M. Shaaban, Mohamed S. Zaky, Haitham Z. Azazi “Performance and Stability Improvement of AFO for Sensorless IM Drives in Low Speeds

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- Regenerating Mode” IEEE Transactions on Power Electronics, Volume: 34 , **Issue 8** , 2019, PP 7812-7825.
9. **Hady Abdel Maksoud**, Tamer Fetouh, Mohamed S. Zaky, Haitham Z. Azazi “High suppression of disturbances and parameters mismatch for IM drives using a novel VSC” Journal of Electrical systems (JES), 2018, PP 48-63.
 10. Mohamed S. Zaky, **Hady Abdel Maksoud**, Haitham Z. Azazi ” Sensorless Induction Motor Drives Using Adaptive Flux Observer at Low Frequencies” Engineering, Technology & Applied Science Research, Vol. 8, No. 1, 2018, PP 2572-2576.
 11. **H. Abdel-Maksoud** and M.M.Khater” Switching Parameters for Maximum Torque Per Ampere for 6/4 Switched Reluctance Motor” 19th International Middle East Power Systems Conference (MEPCON), Menoufia University, 19-21 December 2017, Egypt.
 12. **H. Abdel-Maksoud**, M.M.Khater, and Shaaban M. Shaaban “Adaptive Fuzzy Logic PI Control for Switched Reluctance Motor Based on Inductance Model” International Journal of Intelligent Engineering and Systems, Vol. 10, Issue 4, 2017, Japan.
 13. F. Abdel Kader, S. Kalilah, **H. abdel maksoud**, A Maher, "Effect of Load Type on Pv Modified Sine Wave Inverter Characteristics", Engineering Research Journal, Vol. 39, No. 3, 2016, PP. 191-196.
 14. **H. Abdel-Maksoud**, M.M.Khater, and A.M.Oshieba “Rotor Position And Speed Estimation Of Switched Reluctance Motor Based On Inductance Model Using Sliding Mode Observer” 17th International Middle East Power Systems Conference (MEPCON), 15-17 December 2015, Mansora, Egypt.
 15. Ali Oshieba, Hassan Bazzi, **Hady Abdel-Maksoud**, and Mahmoud Khater,” Sensorless Control of Switched Reluctance Motor Drive Systems” Journal of Energy and Power Engineering, Vol.7, No.1, January 2013, PP 118-125, USA.
 16. M. M. Khater, **H. Abdel-Maksoud**, and S. El-Doheimy, "Performance of Three-Phase Switched Reluctance Motors with Different Structures: Comparative Study", 10th International Middle East Power Systems Conference (MEPCON), 12-15 December 2005, Port Said, Egypt, PP 239-245.
 17. **H. Abdel-Maksoud**, M. M. Khater, and A.M.Oshieba," A Simplified Nonlinear Model of Switched Reluctance Motor", Engineering Research Journal, Vol.29, No. 4 October 2008, PP 329-335.
 18. **H. Abdel-Maksoud**, M.M.Khater, and A.M.Oshieba “simplified sensorless-based sliding mode observer of the switched reluctance motor”, 12th International Middle East Power Systems Conference (MEPCON), 20-23 December 2009, Assuit, Egypt, PP 86-90.

B.2. Accomplished Scientific Research Projects:

No	Project & Date	Institution	Investigator(s)
1	Speed-Sensorless Control of Induction Motor Drives Using Adaptive Flux Observer at Very Low Frequencies	Northern Border University	1. Mohamed Shaaban 2. Hady Abdel Maksoud 3. Haythim Azazi
2	Parallel Speed and Stator Resistance Estimations of Sensorless IM Drives Using Back emf-based Model Reference Adaptive System.	Northern Border University	1. Hady Abdel Maksoud 2. Shaaban M. Shaaban

B.3. Conferences and Scientific Symposia:

No	Conference	Date &Place	Type of Involvement
1	9th International Middle East Power Systems Conference (MEPCON)	December, 2003, Menofia University, Shebin Elkom, Egypt.	Organization Committee
2	10th International Middle East Power Systems Conference (MEPCON)	12-15 December 2005, Port Said, Egypt	Research paper
3	12th International Middle East Power Systems Conference (MEPCON)	20-23 December 2009, Assuit University, Egypt	Research paper
4	17th International Middle East Power Systems Conference (MEPCON)	15-17 December 2015, Mansora University, Egypt.	Research paper
5	19th International Middle East Power Systems Conference (MEPCON)	19-21 December 2017, Menofia University, Shebin Elkom, Egypt.	Research paper

FORM C: TEACHING ACTIVITIES**List of courses taught:**

No	Courses taught by the applicant	Undergraduate	Postgraduate
1	Electrical Machines	√	√
2	Power Electronics	√	√
3	Electronics	√	
4	Electrical Drives	√	
5	Electrical Machines Design	√	√
6	Digital Electronics	√	
7	Special Machines	√	√
8	Control of Machines	√	√
9	Measurements	√	
10	Technical Reports	√	
11	Electrical Machines Lab	√	
12	Basic Electrical Engineering	√	

11	Control Systems in Electrical Machines		√
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FORM D: ADMINISTRATION AND COMMITTEES ASSIGNMENT

No	Work and/or Activity	Date/Place
1	Vice President of Quality Assurance and Accreditation Unit	2011-2013, Faculty of Engineering Menofia University, Egypt
2	Member of College Accreditation Committee	2013-2014, College of Engineering, Northern Border University, KSA
3	Member of Department Accreditation Committee	2013 till date, College of Engineering, Northern Border University, KSA
4	Member of Department Study Plan Committee	2022 till date, College of Engineering, Northern Border University, KSA
5	Member of Department Scientific Research Committee	2022 till date, College of Engineering, Northern Border University, KSA
6	Member of college laboratories Committee	2022 till date, College of Engineering, Northern Border University, KSA
7	President of Department laboratories Committee	2022 till date, College of Engineering, Northern Border University, KSA

FORM E: ADVISORY WORK AND COMMUNITY SERVICE

No	Work and/or Activity	Date/Place
1	Member of the Supervisory Committee for Olympic Swimming Pools - Menoufia University.	Egypt
2	Design and supervision of the implementation of electrical elevator work - Faculty of Electronic Engineering, , Menoufia University.	Egypt
3	Supervision of the implementation of the work of elevators, National Institute of Liver, Menoufia University.	Egypt
4	Design and supervision of the implementation of electrical elevator works, Medical Administration Hospital, Menoufia University.	Egypt
5	Design and supervision of the implementation of electrical installations of the Central Library Project, Menoufia University.	Egypt
6	Supervision of the implementation of the installation works and electrical wiring for the project of the Department of Basic Sciences, Faculty of Engineering, Menoufia University.	Egypt

7	Supervision of the implementation of the installation work of the generator (diesel), Faculty of Medicine, Menoufia University.	Egypt
8	Design and supervision of the implementation of electrical installations in the Faculty of Specific Education, Ashmon, Menoufia University.	Egypt
9	Design and supervision of the implementation of electrical installation of the housing project for irrigation workers, Shebin El Kom, Egypt	Egypt
10	Design and supervision of the implementation of the work of electrical elevator - Faculty of Specific Education, Ashmon, Menoufia University.	Egypt