

# Prof. SAMIR HANNA DEEB SAID

(Sameer Khader)



**PERSONAL:**

***Nationality :***

Palestinian

*Senior Fellow, IEEE-Palestine*

ID Number: 98277828-4 , issued at Jenein on Feb. 2, 1995

Date of Birth: October 14, 1962

Place of Birth: Zabadeh-Jenein, Palestine

Material Status: Married with one child..

***Current Address:***

College of Engineering & Technology

Palestine Polytechnic University (PPU)

Hebron – Palestine

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**EDUCATION:**

***Technical University – Sofia, Bulgaria (1993)***

Degree Awarded: Ph.D

Academic Areas : Major : Electrical Engineering

Minor: Electrical Machines & Power

Electronics

***Higher Institute of Mechanical and Electrical Engineering,  
Sofia- Bulgaria (1988)***

Degree Awarded: Master of Engineering (M.Sc.) with

CPA 5.28/6

Academic Areas : Major : Electrical Engineering

Minor: Electrical Machines .

**ACADEMIC  
RANK  
& AWARDS:**

Professor in Electrical Engineering, 2015.

Teaching Excellence Award " Awarded by AMIDEAST-USAID & Ministry of Education & Higher Education - Palestine", 2008.

**Research Excellence Award "Deanship of Scientific Research- PPU", 2007.  
Certified Lab View Associate Developer ( CLAD), National Instruments, 2017**

**EMPLOYMENT**

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***University of Hartford, CT, USA***

01/ 2010- 01/2011: Visiting Professor / sabbatical year at University of Hartford, Connecticut, USA.

***Palestine Polytechnic University:***

09/ 2012- 09/2015:

Dean of Graduate Studies & Scientific Research @ Palestine Polytechnic University

08/ 2004- 08/2009:

Director of Power Electronics & Signal Processing Research Unit

08/ 2009- to date:

Vice President for Academic Affairs

08/ 2004- 08/2009:

Dean of College of Applied Professions.

09/ 2001- 08/2004:

Head of Department of Electrical & Computer Engineering

09/ 1999- 09/2001:

Teaching various courses in the field of electrical engineering at College of Engineering and Technology

10/ 1995- to date:

***Abdullah Bin Al-Hussein College ( ORT):***

09/1999- 08/2001

Assistant Prof., lecturer in Dept. of Electrical Engineering

***Higher Institute of Mechanical and Electrical Engineering:***

08/ 1988- 05/1993:

Research Assistant at Scientific–Research Center at TU-Sofia.

**FURTHER EXPERIENCES:**

***The following, some of academic and administrative experience in various fields:***

1. Design and implementation of academic curricula for five years program in Electrical Eng. /Technology of Power Systems, Industrial Automation, and Communication.
2. Design and implementation of academic curricula for two years ( associate

programs) in Electrical Eng. /Industrial electronics, Communication Networks, Computer Networks and Internet.

3. Working with various teams dealing with design and implementation of two years academic programs in cooperation with Ministry of Higher Education in Palestine (MOEHE).
4. Working as External Examiner in various examining Committee - Ministry of Higher Education in Palestine (MOEHE).
5. Supervising various graduate and post-graduate projects.
6. Design of Teaching material based on Modular Educational Systems.
7. External Examiner of Master degree Thesis .
8. Evaluator of Academic programs and sponsored projects.

### **MANAGEMENT & ORGANIZATION WORK:**

- Director of QIF project for Improvement the Academic Curricula of Electrical & Environmental Engineering programs ( Triple- Helix partnership Model), 2014-2017
- Director of TEMPUS Project for Launching Master of Renewable & Sustainable Energy ( JAMILA Project), 2013-2016
- Coordinator of Bridging programs of Electrical engineering students
- Coordinator ( Director) of Power Electronics and Signal Processing Research Unit (PESPRU).
- Chief of Advisory Committee of IT Center of Excellence at Palestine Polytechnic University.
- Head of more than 100 committee related to academic, administrative and student affairs.
- Head of Students Election Committee 2005- 2008.

### **RESEARCH ACTIVITY:**

#### ***Major research activities:***

- Research work in the field of Power Electronics and Electrical Drives Technology.
- E- Learning & Educational Technology
- Research work in the field of Electronic Converters and Solar Energy.
- Wind Energy and electrical Power Generation.
- Research activity in the field of Induction and Linear motors.

#### ***Master Programs:***

- Advanced Power electronics
- Renewable Energy Sources
- Power Electronics for Renewable Energy
- Advanced Electrical Machines
- Master Thesis Reviewer.

#### ***Bachelor Programs:***

Fault Diagnostic & System Maintenance  
Renewable Energy Sources

### **COURSES TAUGHT:**

Renewable Energy Systems  
Electric Drives I  
Electric Drives II  
Applications of electric Drives  
Applications in Industrial Automation.  
Introduction to Electrical Machines  
Advances Electrical Machines  
Electrical Measurements and Instrumentation  
Field and Wave Electromagnetic  
Electrical Machines and Systems  
Power Electronics  
Advanced Power Electronics  
Electronics1  
Electronics2  
Applied Mathematics  
Laboratory courses in the field of electrical engineering.

**Associate Programs ( Two Years):**

Introduction to Electrical Machines  
Advances Electrical Machines  
Electrical Measurements  
Applied Mathematics  
Applied Electricity  
Digital Electronics  
Power Electronics  
Electrical Drawing and Layouts  
Laboratory courses in the field of electrical engineering.

**GRADUATE  
PROJECTS:**

***The following, selected supervised graduate projects for Bachelor degree in Industrial Automation :***

Intelligent lighting system  
Grid-connected PV illuminations System  
GSM Solar lighting system  
Design of Power Factor correction system for Energy Saving.  
Space Elevator.  
Electronic Post Car  
Invalid Wheeling Chair  
Automatic Plastic Shaping Machine  
Automatic Painting Machine  
Automatic Syrup Mixing and Filling Machine.  
Design of Remote Controlled Moving Robot.  
Design of Three-Phase Brushless DC Motor  
Design of Three-Phase Fed-Inverter for Wind Energy applications  
Design of Two-Phase Brushless DC Motor with Asymmetrical Magnetizing  
Design of 18 Poles Synchronous Generator for Wind Energy turbine

Design of Double Fed Induction Motor.  
Design of Three Dimensions Crane  
Vector Control of Single phase Induction Motor  
Etc.....

**COMPUTER  
LANGUAGES  
AND  
PACKAGES:**

***Engineering Languages :***

Basic, Fortran77, Turbo Pascal, C++, Matlab,

***Engineering Packages :***

MS WINDOW (Excel, Word , PowerPoint, and MS project).  
PSPIICE, Electronic Work Pinch, MathCAD, POWERSYS, PLeCs- Matlab/Simulink,  
PSCADE, Multisim, LabVIEW, PVSYSY, PV Watts....

**LANGUAGES**

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ARABIC : Native Language  
ENGLISH: Very Good  
BULGARIAN: Fluent

**SPONSORED  
PROJECTS**

***The following, selected sponsored research and graduate projects :***

- Design of Two-Phase Brushless DC Motor – sponsored project by The Union of Arab Universities-2004 .
- Wind Energy Turbine (Team project) – Sponsored by AED\_ 2005.
- Industrial Synergy System- Quality Enhancement project- Sponsored by World Bank- 2006, with total budget of 290,000\$, 2007.
- Hybrid Energy System , Research project sponsored by Deanship of Scientific Research, 2008.
- GSM Street Illumination System, 2012
- PV-Illumination System, 2012

**E-LEARNING  
ACTIVITY**

***The following, authorized ( Electronically prepared) courses on the basis of e-learning environment :***

- Renewable Energy Sources
- Fault diagnostics & maintenance
- Industrial Automation Applications
- Power Electronics
- Introduction to Electrical Machines
- Field and Waves electromagnetic.
- Design and Authorizing Modular educational unit for the needs of ministry of Education and Higher Education in the Field of Mechatronics.

**PUBLICATIONS**

**JOURNAL PAPERS (PEER REVIEWED)**

1. Sameer Khader , Abdel-Karim Daud ,". " **Boost Chopper Behaviors in Solar Photovoltaic System**, Smart Grid and Renewable Energy Journal, Vol.12 No.3, March 2021, pp.31-52. DOI: 10.4236/sgre.2021.123003
2. Sameer Khader , Abdel-Karim Daud ,"A Comparative Analysis Between Various Filters for Three Phase Current Source Inverter", International Advance Journal of Engineering Research (IAJER),Volume 3, Issue 8 (August- 2020), pp.01-14 .
3. Abed Same Qawasmeh , Sameer Khader, "Controlling of Multi-Level Inverter under Shading Conditions Using Artificial Neural Network", World Academy of Science, Engineering and Technology International Journal of Energy and Power Engineering Vol:14, No:6, 2020, pp 154-159.
4. Alaa' Abuqubaita , Sameer Khader , Abdel Karim Daud ,Hamza Makhamreh. "finite control set – model predictive control of a nine level packed u cell grid connected multilevel inverter". International Journal of Control Systems and Robotics, Vol.4, 2019, pp.11-20.
5. Sameer Khader , Abdel-Karim Daud,"Optimization of AC Filter for New Configuration of Single Phase Current Source PV Inverter Using LabVIEW Platform", WSEAS TRANSACTIONS on COMPUTERS, Volume 18, 2019, pp. 187-197.
6. Abdel-Karim Daud , Sameer Khader, "A New Design of Single-Phase Current Source PV Inverter with Load Variation Using Lab VIEW Platform", Volume 13 Issue 2 May 2019, pp.01-14.
7. Sameer Khader , A.K. Dau , Alaa Abuqubaita, Aladdin Sultan," Yatta's Medium Voltage Network Analysis and Enhancement", Int. J. of Thermal & Environmental Engineering Volume 15, No. 2 (2017), pp.123-128.
8. Daud A.K. , Sameer H. Khader, " Photovoltaic Energy Source for Street Lighting in Hebron/Palestine Using GSM Technology", Journal of Scientific Research , Vol.3(12), 1722-1737, 2014.
9. Sameer Khader & A.K. Daud, " PV-Grid Tie System Energizing Water Pump"., Smart Grid & Renewable Energy Journal, SGRE2013, 2013 .
10. Sameer Khader, "Complementary Buck-Boost Converter with Variable Voltage Tracking System for Photovoltaic Applications". European Journal of Scientific Research , EJSR, ISSN 1450-216X Vol.70 No.1 (2012), pp. 15-28 .
11. Sameer Khader, Akram A. Abu-aisheh , " Hybrid MPPT-Controlled LED Illumination System". Journal of Automatic Control and System Engineering ACSE, Vol. 12, No.2 , pp.23-30, ICGST-ACSE Journal, ISSN: Print 1687-4811, Online 1687-482X, 2012 .
12. Sameer Khader, "Modeling and Simulation of Various Inverter Circuits for Photovoltaic Applications", International Journal of Electrical and Power Engineering, Vol.5(2), 2011, pp.74-83, ISSN 1980-7958, Medwell Journal,2011.
13. Sameer Khader , Alan Hadad and Akram A. Abu-aisheh,, " The Applications of PSIM & Matlab/Simulink in Power Electronics Courses", iJOE – Volume 7,

Issue 3, pp.15-18, August 2011. doi:10.3991/ijoe.v7i2.1637. IEEE doi: 10.1109/EDUCON.2011.5773124. Page(s): 118 - 121 .

14. Akram Abu-aisheh, , Sameer Khader, Omar Hasan, " Implementation of Dual Use Fiber Optic Communications Laboratories" , iJOE – Volume 7, Issue 2, pp.4-8, May 2011 , doi:10.3991/ijoe.v7i2.1637. IEEE doi: 10.1109/EDUCON.2011.5773116 , Page(s):74 - 79 , Print ISBN: 978-1-61284-642-2.
15. Sameer Khader, Akram A. Abu-aisheh, " Comparison Analysis of Boost Chopper with Various Snubber Circuits"; Asian Journal of Information Technology, (9)3, 2010; pp. 148-153. ISSN: 1682-3915.
16. D. Abdel-Karim and K. Sameer , "Energy Saving and Power Factor Correction for Industrial Plants in Hebron District ", Journal of Energy and Power Engineering, ISSN 1934-8975, USA, ,Apr. 2010, Volume 4, No.4 (Serial No.29) , pp.1-11.
17. S. Khader and A. Abu-Aisheh, "MPPT for Hybrid Energy System Using Gradient Approximation and Matlab Simulink Approach", Journal of Energy and Power Engineering, ISSN 1934-8975, USA, ,Apr. 2010, Volume 4, Number 3, March 2010 (Serial Number 28 , pp.1-14.
18. Sameer Khader , ' Modeling & Simulation of Single-Phase Double Capacitors Induction Motor", i-manager 's Journal of Electrical Engineering, Vol. 2 No. 4, July – September, 2009, pp.26-32. , ISSN-0973-8835.
19. Sameer Khader , "Simulink Implementation of Three-Phase Double Fed Induction Motor Model", Journal of Electricity & Electronics, Vol. 11-12/2008, pp.39-45, ISSN 0861-4717 , Sofia, Bulgaria , <http://ceec.fnts-bg.org/sp-E+E.htm>
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20. Sameer Khader, "ANALYSIS OF A LINEAR INDUCTION MOTOR BY THE MEHTOD COUPLING MATLAB/SIMULINK AND VECTOR CONTROL METHOD", I-manager's Journal on Engineering and Technology, ISSN 0973-2632, Vol.3, No.1, pp.26-35, August-October, 2007.
21. Sameer Khader, " SINGLE PHASE BRUSHLESS DC MOTOR WITH PWM CONTROL", Journal of Applied Science , University of Applied Sciences, Vol.9, No.2, 2007.
22. Sameer Khader, " BRUSHLESS DC MOTOR WITH UNSYMMETRICAL MAGNETIZATION AND COMBINATION CONTROL" , Journal of Information TECHNOLOGY, 2006, AJIT317, pp1231-1238.
23. Sameer Khader, "COMBINATION OPERATION OF SINGLE-PHASE AND TWO PHASE LINEAR RELUCTANCE BRUSHLESS DC MOTOR. The 6th International Philadelphia Conference on computational aspects in electrical engineering applications, 19-21/ September 2006, Amman-Jordan, And chosen to be

published in International Journal: I-manager's Journal on Engineering and Technology, vol.2, No.3, pp.72-81, Feb-April, 2007.

24. Sotirov D.K., Sameer Khader , " STYDYING THE INFLUENCE OF THE OPTIMUM SWITCHING ANGLE AT VARIOUS CONTROL SIGNALS IN BRUSHLESS DC MOTORS", Journal of Electricity and Electronics ,# 11-12 ed./1993, pp.14-18, Bulgaria .
25. Sameer Khader , Sotirov D.K, " STUDYING THE INFLUENCE OF NON-SINUSOIDAL SIGNAL FLAT-WIDTH ON BRUSHLESS DC MOTOR PERFORMANCES ", Journal of Electricity and Electronics , #9-10 ed./1993, pp.24-29, Bulgaria .
26. Sameer Khader , " INVESTIGATION INTO THE MOTOR TORQUE RIPPLES BY APPLYING THE PRINCIPLE OF PWM MODULATION AT VARIOUS SIGNAL WAVEFORMS", Journal of Electricity and Electronics, #5-6 ed./1993, pp.31-35, Bulgaria .

**CONFERENCE PAPERS:**

1. Sameer Khaer, Mohmmad Nahleh, "Model Predictive Current Control with Duty Ratio Optimization for Three Phase Grid-Tie Micro Inverter Based on Runge Kutta Approximation",12th International Conference on Renewable energy, Amman, 14-15, April, 2021, [https://irec2021.com,978-1-6654-2548-3/21/\\$31.00](https://irec2021.com,978-1-6654-2548-3/21/$31.00) ©2021 IEEE, IRES
2. Sameer Khaer, A.K. Daud, "Distributed Solar PV System for Industrial Applications in Palestine",12th International Conference on Renewable energy, Amman, 14-15, April, 2021, [https://irec2021.com,978-1-6654-2548-3/21/\\$31.00](https://irec2021.com,978-1-6654-2548-3/21/$31.00) ©2021 IEEE, IRES
3. Sameer Khader & A.K. Daud , "Water Pump Behaviors Under Different Solar Irradiation Levels". The 3rd International Conference on Energy & Environmental Protection in Sustainable Development, ICEEP III, Hebron, Palestine . ISBN 978-9950-8508-7-3, pp.62-73.,2014
4. A.K. Daud & Sameer Khader, "Sustainable FPGA Controlled Hybrid LED illumination System Design". The 3rd International Conference on Energy & Environmental Protection in Sustainable Development, ICEEP III, Hebron, Palestine . ISBN 978-9950-8508-7-3, pp.102-112.
5. Akram Abu-aisheh, Sameer Khder, Ahmad Harb,"GSM Control System Of An Open Area (Street) Lighting In Hebron/ Palestine Using Photovoltaic Energy Source". The 3rd International Conference on Energy & Environmental Protection in Sustainable Development, ICEEP III, Hebron, Palestine . ISBN 978-9950-8508-7-3, pp.89-101.
6. Sameer Khader, Abdel-Karim Daud, "Photovoltaic-Grid Integrated System", 2012 First International Conference on Renewable Energies and Vehicular Technology - REVET'12, Tunisia, Hammamet. 27-29 MARCH,2012, pp.100-108, IEEE Conference



,ISBN: 978-1-4673-1170-0/12 ©2012 IEEE ;

doi: 10.1109/REJET.2012.6195249 Publication Year: 2012 , Page(s): 60 – 65.

7. Sameer Khader , "Enhancing the Circuit Performances of Sepic-Forward Converter for Photovoltaic-Based Light Emitting Diode", International Conference on ENERGY, ENVIRONMENT, ENTREPRENEURSHIP, INNOVATION (ICEEEI '11) , Lanzarote, Canary Islands, Spain, ,May 27-29, 2011, pp.17-23, ISBN: 978-1-61804-001-5. pp.17-26.
8. Sameer Khader, "Design & Simulation of a Chopper Circuit Energized by Photovoltaic Modules", 2011 IEEE GCC Conference and Exhibition, February 19-22, 2011, Dubai, United Arab Emirates, ISBN 978-1-61284-117-5/11 ©2011 IEEE, doi:10.1109/IEEGCC.2011.5752631 ,Publication Year: 2011 ,Page(s): 73 - 76
9. Akram Abu Aisheh, Allan Haddad, Sameer Khader, Omar Hassan, "Implementation of Dual Use Fiber Optic Communications Laboratories". 2011 IEEE Global Engineering Education Conference (EDUCON2011) – "Learning Environments and Ecosystems in Engineering Education", Amman, Jordan, April 4-6/2011 , ISBN: 978-1- 61284-641-5/11©2011,..IEEE,doi:10.1109/EDUCON.2011.5773116 , Publication Year: 2011 , Page(s): 74 - 79 .
10. Sameer Khader, Omar Hassan, Akram Abu Aisheh, " A Case Study of Designed an E-learning Course for Electrical Engineering Students ". IEEE Global Engineering Education Conference (EDUCON2012)" Educational Methods and Learning Mechanisms in Engineering Education ", Marrakesh, Morocco, April 17 - 20, 2012, ISBN: 978-1- 61284-641-5/10 ©2012 IEEE doi 10.1109/EDUCON.2012.6201019, E-ISBN978-1-4673-1457-2; Print ISBN:978-1-4673-1455-8 , ISSN : 2165-9559 , Page(s): 1 - 7 .
11. Akram Abu-aisheh, Sameer Khader & Omar Hassan, "Sustainable PV-Powered FPGA-Controlled High Brightness LED Illumination System, (EDUCON2012) " 2012 IEEE Global Engineering Education Conference (EDUCON2012) – " Educational Methods and Learning Mechanisms in Engineering Education ", Marrakesh, Morocco, ISBN: 978-1- 61284-641-5/10/ ©2011 IEEE, E-ISBN978-1-4673-1455-8, Print ISBN: 978-1-4673-1457-2,doi: 10.1109/EDUCON.2012.6201017. ISSN : 2165-9559, Page(s): 1 - 5
12. Akram Abu-aisheh, Sameer Khader & Omar Hassan, "Improving the Reliability of Solar-Powered LED Illumination Systems", ICGST International Conference on Recent Advances in Energy and Power Systems, RAEPS, Alexandria, Egypt. <http://www.icgst.com/paper.aspx?pid=P1111145972>, Proceedings: "Recent Advances in Energy and Power Systems, RAEPS-12 , Alexandria", April/2012, pp. 48-52
13. Simulation of A Novel Inverter Circuit With Flyback-Based Converter Energized by PV Solar Source. The 4th International Energy Conference, Ramallah-Palestine, pp.152-161.

14. Sameer H. Khader , Analysis of a Linear Induction Motor by the Method of Coupling Matlab/Simulink and Vector Control", MESM2008, pp.22-30, University of Philadelphia, August/2008, Amman, Jordan. The Middle East Simulation and Modeling Conference "MESM08"- Philadelphia University – Jordan , In Cooperation with EUROSIS. ISBN: 978-90-77381-43-4, pp.22-30.
15. Sameer Khader, " MPPT for Hybrid Energy System Using gradient Approximation 7 Matlab Simulink Approach ", II International Conference on Energy and Environmental Sustainability, ICEEP, 10-12/11,2009, Palestine Polytechnic University , Palestine . Accepted as Journal Paper.
16. Abed Kareem Daud, Sameer Khader, " Study and Implementation of Energy Saving Techniques and Power Factor Correction for Industrial Plants in Hebron District " II International Conference on Energy and Environmental Sustainability, ICEEP, 10-12/11,2009, Palestine Polytechnic University , Palestine .
17. Sameer Khader, "SIMULINK IMPLEMENTATION OF THREE PHASE DOUBLE FED INDUCTION MOTOR MODEL". International Conference on Electrical Machines , ELMA08, TU- Sofia- Bulgaria, 16-18/10/2008. Accepted as Journal Paper.
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18. Sameer Khader, A.K. Daud, "DESIGN, IMPLEMENTATION AND OPTIMIZATION OPERATION OF 3 kW WIND ENERGY ELECTRICAL POWER STATION ". International Conference on Energy and Environment Protection". ICEEP'07, Palestine Polytechnic University, 8-9/May, 2007.
19. Sameer Khader, " SINGLE PHASE BRUSHLESS DC MOTOR WITH PWM CONTROL STRATEGY AND SPECIAL FORM OF PM ROTOR", the 6th International Conference on Electrical Power and Environment, WSEAS2006, Chalkida- Greece, 8-10/May 2006.
20. Sameer Khader, " BRUSHLESS DC MOTOR WITH ASYMMETRICAL MAGNETIZATION AND COMBINATION CONTROL", 11th International Conference on Electrical Machines , Drives and Power Electronics, ELMA2005, 15-16 September,2005. Sofia-Bulgaria.
21. Sameer Khader, ' FACTS AND OBSTACLES INCOUNTING THE PROPOSED BRIDGING PROGRAMS IN THE FIELD OF ENGINEERING EDUCATION", the 1st Palestinian Engineering Conference , 18-19/May, 2004, Palestine Polytechnic University, Hebron- Palestine.
22. Sameer. Khader, "IMPLEMENTATION OF AN ACCURATE MATHEMATICAL METHOD FOR MODELING OF ELECTROMAGNETIC PROCESSES OF BRUSHLESS DC MOTOR", MESM2001, Sept,2-5/2001, Amman- Jordan.
23. Sameer Khader, Sotirov D.K." TWO PHASE BRUSHLESS DC MOTOR FED BY VARIOUS CURRENT WAVEFORMS", 3rd International Conference on Electrical

Machines and Apparatus , Varna – September 23-25/1999 , Varna – Bulgaria

24. Sameer. Khader," COMPARISON ANALYSIS BETWEEN MULTI-PHASES BRUSHLESS DC MOTOR WITH RESPECT TO TORQUE-CURRENT RATIO" , ICEM2000 – FINLAND, August \ 2000. Helsinki- Finland
25. Sameer Khader, A.K.Daud, ' ANALYTICAL METHOD FOR DETERMINATION OF THE MOTOR SWITCHING ANGLE IN THREE-PHASE BRUSHLESS DC MOTOR, ICEM98, 1998, Bucharest- Romania.
26. Sotirov D.K., Sameer Khader, "AN ANALYTICAL METHOD FOR DETERMINATION OF THE OPTIMUM SWITCHING ANGLE AT SINOIDAL SIGNAL WAVFORMS IN BRUSHLESS DC MOTOR", International conference in problems Electro-Technique & Electro mechanics, 20-22/10/1993, Russia, Novosibirsk University .
27. Sotirov D.K. Sameer Khader, "INVESTIGATION INTO SOME OF METHODES FOR OBTAINING OPTIMUM PERFORMNCES IN BRUSHLESS DC MOTORS ", 7th International Conference on Electrical Machines and Drives, ELMA'93, 7-9/10/1993, pp.17-25, Varna-Bulgaria.
28. Sotirov D.K., Sameer Khader:" A METHOD FOR STUDYING THE COMMUTATION PROCESSES IN BRUSHLESS DC MOTORS AT SIUSOIDAL CONTROL SIGNALS", 5th International Conference on Electrical Machines, 25-27/10/1990, Varna- Bulgaria.
29. Sameer Khader, Sotirov D .K.," A, METHOD FOR SHAPING OF THE COMMUTATION INTERVALES AND TRANSISTOR SWITCHING-ON COMBINATIONS BY APPLYING PWM TECHNIQUES FOR VARIOUS CONTROL SIGNAL WAVEFORMS", 5th International Conference on Electrical Machines, 25-27/10/1990, Varna- Bulgaria.

## **TECXBOOK**

- Participating in textbook authoring in the field of renewable energy with University of West Florida, under the guidance of Prof. Muhammad Rashid as an Editor in Chief.

## **COMMITTEE & COUNCILS**

*The following, Some of the committees and councils :*

- Chairman of the 3<sup>rd</sup> International Conference on Energy & Environmental Protection in Sustainable Development, 9-10/ 10/2013 –Palestine Polytechnic University.
- Chairman of the 2<sup>nd</sup> Students Innovation Conference 14/6/2013 –Palestine

Polytechnic University.

- Consultant at VPAF, and academic consultant at Engineering College Council, 2010-2011
- IEEE Senior member.
- Member of University Council since 2000- 2009, 2012-date
- Member of Dean's Council since 1999 – 2008, 2012-to date
- Member of e-Learning Committee
- Member of Advisory Committee of IT Center of Excellence
- Member of Planning Committee at Ministry of Higher Education from 2004- 2008
- Member of Program Development Committee
- Member of Committee of Quality Assurance
- Member of Field Training Committee
- Member of the Steering and Scientific Committee of Conference of Energy and Environment, Environmental Protection, ICEEP2007, ICEEP2009.
- Member of Steering Committee of Information Technology Conference Sept 2007.
- Reviewer of Iranian Journal of Electrical and Computer Engineering
- Reviewer of IEEE EDUCON Conferences.
- Member of Editorial Board of I-manager Journal on future Engineering and Technology.
- Reviewing large number of papers published in Conferences and Journals.
- i.e.....

**TRAINING &  
CONSULTANC  
Y**

*More than 45 training courses, seminars and workshops ( will be available upon request).*

**LAST UPDATE: April, 2021**