CURRICULUM VITAE

PERSONAL DETAILS

Title	Professor Eng.
Name	Ibrahim Nassar
E-mail address	ibrahim.nassar@azhar.edu.eg ibrahim1061877@yahoo.com
linkedin	https://eg.linkedin.com/in/ibrahim-nassar-b5241569
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Google Scholar	https://scholar.google.com/citations?hl=en&user=KeO5VpQAAAAJ
ResearchGate	https://www.researchgate.net/profile/Ibrahim-Nassar-8
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Mobile	+201005357921 +201010863929

QUALIFICATIONS

10/2022	An external auditor at the National Authority for Quality Assurance and Accreditation of Education (NAQAAE - audited and accredited several electrical power engineering programmes)
06/2022	Member of the Advisory Committee of the Electrical Engineering Division of the Engineers Syndicate.
08/2021	Professor of Electrical Power Systems Power and Electrical Machines department Faculty of Engineering, Al- Azhar University
09/2016	Associate Professor in Power and Electrical Machines department Faculty of Engineering, Al- Azhar University
05/2016	Power Generation Consultant from General syndicate of Engineers, Egypt
01/2011	PhD Degree in Electric Power Supply

	Faculty of Computer Science and Electrical Engineering, University of Rostock, Germany
08/2004	M.Sc. Degree in Electrical Engineering Faculty of Engineering, University of Al-Azhar, Cairo, Egypt
05/1999	Bachelor Degree in Electrical Engineering, final grade "Very Good" Faculty of Engineering University of Al-Azhar, Cairo, Egypt

EMPLOYMENT

04/2024 to date	Dean of Faculty of Engineering Girls Branch, Al- Azhar University
1/2020 to 4/2024	Head of Department of Electrical Engineering Faculty of Engineering, Al- Azhar University
6/2022 to date	Member of the Advisory Engineering Committee of the Electrical Engineering Division of the Engineers Syndicate
01/2023	Trainer at the Egyptian Society of Engineers
01/2021	Chairman of the Advisory Committee at Al-Azhar University by the decision of the President of the University No. 5 of 2021.
01/2021	Chairman of the Advisory Committee of the Sheikhdom of Al-Azhar and the sector of Al-Azhar institutes by the decision of the Undersecretary of Al-Azhar No. 82 of 2021.
12/2018 to date	Power Generation Consultant in the Egyptian Cabinet's Information and Decision Support Center (IDSC)
01/2017 to 2020	Solar Energy Consultant in Chemonics Egypt Consultants
1/2014 - 8/2016	Lecturer in Power and Electrical Machines department, Faculty of Engineering, Al- Azhar University
9/2010 - 12/2013	Lecturer and Research scientist at Institute of Electrical Power Engineering Faculty of Computer Science and Electrical Engineering, University of Rostock, Germany https://www.iee.uni-rostock.de/en/team/
1/2007 – 8/2010	Research scientist Faculty of Computer Science and Electrical Engineering, University of Rostock, Germany https://www.iee.uni-rostock.de/en/team/
08/2004-12/2006	Assistant lecturer in Power and Electrical Machines department, Faculty of Engineering, Cairo, Egypt

1/2001 – 7/2004	Demonstrator in Power and Electrical Machines department, Faculty of Engineering, Al- Azhar University Working a part time job in a reputable company in the field of Air – conditioning systems
08/1999-01/2001	Working in a Reputable Firm in the field of electric elevators
5/1999 – 7/1999	Graduation Project in Design of Electrical system in a cardiac clinic, Grade of project "Excellent"
9/1994 – 5/1999	Undergraduate student for bachelor's degree in electrical engineering with final grade "Very Good", Faculty of Engineering, Al-Azhar University

Experience

Practical experience (Projects):

2018 to date	Consultant for Electrical, Fire Safety, Fire Security, Fire Fighting in Urban Planning Center, Faculty Of Engineering, Al Azhar University
2019- date	Supervising all electrical works and fire systems, Al-Azhar Sheikhdom Library and all the projects in the Sheikhdom of Al-Azhar and the sector of Al-Azhar institutes.
2019- to date	Power generation consultant for updating and maintenance of the data center and the main building in the Egyptian Cabinet's Information and Decision Support Center (IDSC)
2016- to date	Supervising some electrical works and fire systems in many factories in the 10th of Ramadan City
2017-to date	Solar energy consultant in two projects on-grid (499 kW) in Chemonics Egypt Consultants for interconnected solar power plant project with Egyptian network to feed a well water desalination plant with a capacity of 200 m3 / day with electricity in the villages of Sadr Al-Hitan and Al Reed, Al-Nakhl Center, North Sinai Governorate
2014-2019	Supervisor in two projects from Science & Technology Development Fund (STDF), Ministry of Scientific Research. " Innovative Hybrid Energy System (offshore wind and solar cells)" "Stability and Reliability Improvement in Solar-Wind Hybrid Power System with Battery Energy Storage Station"
2014 - 2019	Supervising the implementation and connection of a solar plant to the Egyptian network Supervising the implementation of an irrigation method using solar cells Supervising the Design of a Solar Tracking System Supervising for El Menia El Gededa Solar power project
09/2010-12/2013	Working as a research scientist in the project VGB PowerTech "Influence of Increasing Generation and Consumption Volatility on Reliability of Supply" in order to achieve the goal of the European Union (EU) to cover 20 % of the primary energy consumption by renewable energy sources until 2020. *Online (https://www.vgb.org/vgbmultimedia/345_Kurzbericht-p-9518.pd)*

01/2007-08/2010 Working in the project "Rehabilitation of the Frequency Control Performance of Turkish Power System for Synchronous Operation with European Network of Transmission System Operators for Electricity" gave me the experience of dealing with nonlinear dynamic models (e.g. hydro power plants, thermal power plants and gas power plants), independent problem solving, and decision and outcome evaluation.

During this work I have participated in many workshops and I have also visited some of hydro power plants to take measurements with UCTE group.

My work involved design of nonlinear control systems using a simulation model of the dynamic system as the starting point. The simulation models can be built using MATLAB (SIMULINK and M-file) or DIGSILENT software (Digital Simulation and Electrical Network calculation).

Working in international scientific projects (ENTSO-E and VGB PowerTech) gave me the experience in project design, manipulation and work flow. These projects allowed me to get involved in industry in European countries and gave me the opportunity to participate in local and international workshops, seminars and conferences (Egypt, Germany, Turkey, and France).

Teaching experience:

I am involved in teaching the following courses at different levels in

- Rostock University, Germany
- Al-Azhar University, Cairo, Egypt
- Higher Technological Institute, 10th of Ramadan City, Egypt
- El Obour High Institute, Obour City, Kaliobeya, Egypt
  - MATLAB / SIMULINK software
  - DIGSILENT software (Digital Simulation and Electrical Network calculation) Simulation of Wind and Solar power plants
  - Simulation of electrical energy networks
  - Generations and Economics of Electric Power
  - Power System Analysis
  - Electrical Power System and Control
  - Electrical circuits
  - Engineering Mathematics
  - Electronic Instruments and Measurements
  - Automatic Control
  - Maintenance of Emergency Services
  - Development of Engineering Technology
  - Power Electronics
  - Artificial Neural Network
  - Computer applications (Word, Excel and Power point)
  - Computer programming using C++
  - Data base System
  - Network and Information Security
  - Introduction to Computing and its applications
  - Renewable Energy Engineering

Training

- Measurements of Ataturk and Birecik hydro power plants
- Measurements of Elbistan-B thermal power plant
- International Computer driving licence (ICDL Certificate)

- The German language skills match the end of level B1
- Grid-Tied Photovoltaic System Design, International Academy for renewable
- Energy & Energy Efficiency, Egypt
- Training course in effective presentation skills
- Training course in the systems of examinations and evaluation of students
- Training course in curriculum maps and description of courses
- Training course in the preparation of the self-study of institutions of higher education
- Training course in the design and preparation of scientific research
- Training course in the design and preparation of scientific research
- Training course in modern trends in the development of higher education institutions
- Training course in managing time and work pressure
- Training course in crisis and disaster management
- Training course in the development of administrative and legal skills

Supervision of Postgraduate Students

- Supervising more than 15 M.Sc. and PhD students

Personal affiliations

- Excellent command of English; both written and spoken.
- Very Good German language
- Arabic is the mother tongue.
- Ambitious, good personality, self-motivated and hard worker.
- Good personal and social relationships.
- Aiming at acquiring a leadership position at a reputable organization for building a prospective future equivalent to my experience and qualifications.

Social affiliations

- Member of General syndicate of Engineers, Cairo, Egypt.
- Member of EL-Shams Sporting Club, Cairo, Egypt.
- Member of Al Rehab Sporting Club, Cairo, Egypt.
- Member of Zamalek Sporting Club, Cairo, Egypt.

Book

- Ibrahim Nassar, Analysis of Primary and Secondary Control of the Turkish power System, scholars press,
  ISBN 978-3-639-66270-2, 2014
-
- Mohamed Ezzat Elkotb Salem, Amr Refky Abd El-Whab and **Ibrahim Nassar**
  "*Waste-to-energy potential in developing countries: a case study of African cities: Lagos, Cairo, & Kinshasa"*, **CHAPTER 25**, Advances in Energy from Waste,2024.
  ISBN: 978-0-443-13847-8
  DOI: https://doi.org/10.1016/B978-0-443-13847-8.00025-7
-

Publications

1. Aliaa Freej , Asmaa Sobhy Sabik , and **Ibrahim A. Nassar**
"Performance Improvement of Photovoltaic Panels Through Advanced Fault Detection Techniques", Processes 2025, 13, 3831.
https://doi.org/10.3390/pr13123831
2. O.G Badreldin , Mohammed Hamouda Ali, M.K. Ahmed, **Ibrahim A. Nassar**
"Optimizing renewable DG allocation with the secretary bird algorithm for enhanced power system stability and efficiency", Scientific African, Volume 30, December 2025
3. Samira M. Nassar , A.A. Saleh, Ayman A. Eisa, E.M. Abdallah, **Ibrahim A. Nassar**
"Optimal allocation of renewable energy resources in distribution systems using meta-heuristic algorithms". Results in Engineering, Volume 25, March 2025
https://doi.org/10.1016/j.rineng.2025.104276
4. Samira M. Nassar1, A. A. Saleh, Ayman A. Eisa, E. M. Abdallah **& Ibrahim A. Nassar**
"Optimal planning of integrated nuclear-hybrid renewable energy systems for electrical distribution networks based on artificial intelligence", Scientific Reports,2025
5. Al-zaidi, G.A., Saudi, H.A., **Nassar, I.A**., Shalaby, M.S., Sedeek, K.
"Improving the electrical and photovoltaic properties of Si solar cells: Studying the effect of gamma rays", plasma treatments, and front layer deposition of zinc and strontium titanium oxides, Ceramics International, 2024.
6. Al-Zaidi, G.A**.,** Saudi, H.A**., Nassar, I.A.,** Shalaby, M.S**.,** Sedeek, K.
"Commercial Si Solar Cell Efficiency Improvement by Gamma Radiation, Plasma Treatment and Oxides Front Layer Depositions", International Journal of Thin Film Science and Technology, 2024, 13(2), pp. 129–141.
7. Mohamed Ezzat Elkotb Salem, Amr Refky Abd El-Whab and **Ibrahim Nassar**
"*Waste-to-energy potential in developing countries: a case study of African cities: Lagos, Cairo, & Kinshasa"*, CHAPTER 25, Advances in Energy from Waste,2024.
DOI: https://doi.org/10.1016/B978-0-443-13847-8.00025-7
8. Mohamed Ezzat Salem, Hamdy Abd El-Halim, Amr Refky and **Ibrahim Ahmed Nassar**
"*Potential of Waste to Energy Conversion in Egypt*", Journal of Electrical and Computer Engineering Volume 2022, Article ID 7265553, 17 pages, ISSN:2090-0147 https://doi.org/10.1155/2022/7265553
9. Mohamed H. Eysa, Ahmed A. Zaki Diab and **Ibrahim A. Nassar**
"Solar Cell Effects on Electrical Power Networks", International Journal of Emerging Technology and Advanced Engineering, (ISSN 2250-2459, ISO 9001:2008 Certified Journal), Volume 12, Issue 07, July, 2022. https://doi.org/10.46338/ijetae0722_01
10. Mohammad Ahmad Shawqi, Mokhtar Hussien Abdallah, Ibrahim Ahmed Nassar
"Impact of on-grid solar energy generation system on low voltage ride through capability", International Journal of Power Electronics and Drive Systems (IJPEDS), ISSN:2088-8694, Vol. 13, No. 1, March 2022, pp. 488~499,
ISSN: 2088-8694, DOI: 10.11591/ijpeds.v13.i1.pp488-499
11. Fatma Alzahraa M. Algharib, Mahmoud A. El-Dabah and **Ibrahim A. Nassar**
"Voltage Stability Enhancement in Canal Distribution Network Using SVC", Al-Azhar Engineering Fifteenth International Conference online/virtual, Cairo – Egypt, 13-15 March 2021, Pages 49-56.
12. Ahmed G. Ismail , Mahmoud A. El-Dabah and **Ibrahim A. Nassar**
"*Avert Unforeseen COVID-19 Effect on Electrical Distribution Service by Load Management Methodology",* Al-Azhar Engineering Fifteenth International Conference online/virtual, Cairo – Egypt, 13-15 March 2021, Pages 4-15.

13. Ahmed G. Ismail , Mahmoud A. El-Dabah and **Ibrahim A. Nassar**, *''Enhancement of Electrical Distribution Networks Performance Using the Load Management Methodology''*,Energy Reports Volume 6, November 2020, Pages 2066-2074, ISSN: 2352-4847. https://doi.org/10.1016/j.egyr.2020.07.018
14. **Ibrahim A. Nassar**, Mohammed Sh. Seif, Mahmoud M.ElAttar *"Improving The Voltage Quality Of Abu Hummus Network In Egypt",* International Journal of Electrical and Computer Engineering (IJECE), Vol 10, No 5, **2020**

15. **Ibrahim A.Nassar**, Mohamad A.Omara and Mahmoud M. Abdella "*Enhancement of Voltage Profile in Power Systems by Using Genetic Algorithm",* 21st International Middle East Power Systems Conference (MEPCON), Tanta University, Egypt, 17-19 **December 2019**.
16. **Ibrahim A. Nassar**, Mahmoud N. Ali and Ibrahim M. Kassem *"Influence of using Intermittent Renewable Energy Sources on The Power System Operation"*, 21st International Middle East Power Systems Conference (MEPCON), Tanta University, Egypt, 17-19 **December 2019**.
17. **Ibrahim Nassar**, Ibrahim Elsayed and Mahmoud Abdella *"Optimization and Stability Analysis of Offshore Hybrid Renewable Energy Systems",* 21st International Middle East Power Systems Conference (MEPCON), Tanta University, Egypt, 17-19 **December 2019**.
18. Sally El-Tawab, **Ibrahim Nassar** and Mohammed Mehanna *"Hybrid DFIG Driven Wind Turbine – Grid Systems Modeling and Control for Reliable Source",* International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, **November 2019**
19. **Ibrahim A. Nassar,** Kholoud Hossam and Mahmoud Abdella *"Economic and environmental benefits of increasing the renewable energy sources in the power system"* Energy Reports Volume 5, **November 2019**, Pages 1082-1088, ISSN: 2352-4847, https://authors.elsevier.com/sd/article/S2352484719302203 https://www.sciencedirect.com/science/article/pii/S2352484719302203
20. **Ibrahim A. Nassar** and Mohammad A. Omara *"Voltage quality in delta Egypt network and its impact in oil industry"* Energy Reports Volume 5, **November 2019**, Pages 29-36, ISSN: 2352-4847 https://www.sciencedirect.com/science/article/pii/S2352484718300088
21. **Ibrahim A. Nassar** and Mahmoud Abdella *"Parameters calculation of thermal power plant dynamic model using steam cycle data"* Thermal Science and Engineering Volume 9 (**March 2019**) Pages 259-265, ISSN: 2451-9049/ © 2018 Published by Elsevier Ltd. journal homepage: https://authors.elsevier.com/sd/article/S2352484718300088 *https://www.sciencedirect.com/science/article/pii/S2451904917304961*
22. **Nassar, I.A.,** Abdella, M., *"Effects of Increasing Wind and Solar Power Energy on the Voltage Stability and Losses of the Egyptian Power System",* 2018 20th International Middle East Power Systems Conference, December 18-20, 2018, **MEPCON 2018** - Proceedings https://ieeexplore.ieee.org/abstract/document/8635114/
23. **Ibrahim A. Nassar** and Mahmoud Abdella *"Impact of replacing thermal power plants by renewable energy on the power system"* Thermal Science and Engineering Volume 5 (**March 2018**) pp. 506–515, ISSN: 2451-9049/ © 2018 Published by Elsevier Ltd. journal homepage: www.elsevier.com/locate/tsep *https://www.sciencedirect.com/science/article/pii/S2451904917304845*

24. **Ibrahim A. Nassar** and Mohammad A. Omara
"Enhancement of Voltage Profile in Delta Egypt and its Importance for Oil Refining Process" International Journal of Electrical Engineering, ISSN 0974-2158 **Volume 11, Number 1 (2018)**, pp. 115-130 © International Research Publication House,
journal homepage: www.irphouse.com/ijee18/ijeev11n1_10.pdf
25. **Ibrahim A. Nassar** and Mahmoud Abdella
"Using the Increasing of Renewable Energy Sources (Wind and Solar) in the Egyptian Power System for the Environmental Improvement"
International Journal of Electrical Engineering, ISSN 0974-2158 **Volume 11, Number 1 (2018),** pp. 51-62 © International Research Publication House,
journal homepage: www.irphouse.com/ijee18/ijeev11n1_05.pdf
26. **Ibrahim A. Nassar** and Mahmoud Abdella
"New Dynamic Model for Gas Power Plants for Increasing Wind and Solar Energy in the Egyptian Power System" International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISO 3297:2007 Certified Vol. 5, Issue 10, **October 2017**, DOI 10.17148/IJIREEICE.2017.51009.
27. **Ibrahim A. Nassar,** Ibrahim Elsayed and Fatma Alzahraa Mostafa
"Optimization And Economic Evaluation Of Small Scale Hybrid Solar/Wind Power For Remote Areas In Egypt"
Nineteenth International Middle East Power Systems Conference (MEPCON), Menoufia University, Egypt, 19-21 **December 2017**, 978-1-5386-0990-3/17/$31.00 ©2017 IEEE.
journal homepage: https://ieeexplore.ieee.org/document/8301158
28. **Ibrahim A. Nassar** and Mahmoud Abdella
"Enhancement of the Dynamic Model of Abu-Sultan Steam Power Plant in the Egyptian Power System" Nineteenth International Middle East Power Systems Conference (MEPCON), Menoufia University, Egypt, 19-21 **December 2017**, 978-1-5386-0990-3/17/$31.00 ©2017 IEEE.
journal homepage: https://ieeexplore.ieee.org/iel7/8292143/8301142/08301356
29. **Ibrahim A. Nassar,** Ibrahim Elsayed and Fatma Alzahraa Mostafa
"Optimization and Economic Evaluation Of Small Scale Hybrid Solar/Wind Power For Remote Areas In Egypt" The First International Scientific Conference on Environment and Sustainable Development "Energy: the right and Responsibility" (ISCESD 2017), 12-14 **March 2017**, Egypt.
30. **Ibrahim A. Nassar** and Mahmoud Abdella
"Using Renewable Energy Sources In Egyptian Power System For Environmental Improvement" The First International Scientific Conference on Environment and Sustainable Development "Energy: the right and Responsibility" (ISCESD 2017), 12-14 **March 2017**, Egypt.
31. **Ibrahim A. Nassar**,
"*Impact of Intermittent Power Supply on the German Power System*", Journal of Electrical Engineering: Edition: 1, Volume **16/2016**
http://www.jee.ro/covers/editions.php?act=contents
32. **Ibrahim A. Nassar**
"*Improvement of the Voltage Quality of Hyderabad Network in India*", International Journal of Scientific & Engineering Research, Volume 7, Issue 1, **January 2016,** ISSN 2229-5518
33. **Ibrahim A. Nassar** and Harald Weber,
"*Impact of Intermittent Power Supply on the German Power System*, Recent Advances in Communications and Networking Technology", Vol. 4, No. 1, **11/2015**

34. Ibrahim A. Nassar and Abdelrahman Atallah Z. Saleh,
"*Simulations of Grid-Connected Photovoltaic System in Qena Al-Gadida City*", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Volume 3, Issue 3, **March 2015.**
35. **Ibrahim A. Nassar**,
"*Effect of Intermittent Power Supply on the German Power System*", International Journal of Scientific & Engineering Research, Volume 6, Issue 2, **February-2015,** ISSN 2229-5518
https://www.ijser.org
36. **Ibrahim A. Nassar** and Harald Weber,
"*Impact of Intermittent Wind and Photovoltaic Power on the German System*" 16th International Middle East Power Systems Conference in Egypt (MEPCON'14) 23-25 **December 2014**, Cairo, Egypt
37. **Ibrahim A. Nassar**, Salaheddin AlAli and Harald Weber,
"*Effects of Increasing Intermittent Generation on the frequency control of the European Power System*" 19th IFAC World Congress (IFAC WC 2014), **August 24-29, 2014**, Cape Town, South Africa
https://www.sciencedirect.com/science/article/pii/S1474667016420896/pdf
38. Salaheddin AlAli, **Ibrahim A. Nassar** and Harald Weber,
"*Impact of Increasing Wind Power Generation on the North-South Inter-Area Oscillation Mode in the European ENTSO-E System*", 19th IFAC World Congress (IFAC WC 2014), **August 24-29, 2014**, Cape Town, South Africa
https://www.sciencedirect.com/science/article/pii/S1474667016428193
39. **Ibrahim A. Nassar**, Abdelrahman A. Z. Saleh, Loai S. Nasrat, Barakat M. Hasaneen, Ahmed F. M. A. Elbendary,
"*A Novel Method of Optimization and Matching Generation of Photovoltaic Modules and Wind Turbines Models using Matlab*", International Journal of Scientific & Engineering Research, Volume 5, Issue 7, **July-2014**, ISSN 2229-5518
40. **Ibrahim A. Nassar**, Loai S. Nasrat, Barakat M. Hasaneen, Ahmed F. M. A. Elbendary, Abdelrahman Atallah Z. Saleh,
"*Simulations of Hybrid Renewable Energy Systems and Environmental Impact for Qena Al-Gadida City*", International Journal of Recent Development in Engineering and Technology, Volume 2, Issue 6, **June 2014**, ISSN 2347-6435
41. **Ibrahim A. Nassar**,
"*Study of Primary and Secondary Control in Turkish System for Interconnection with European System*", Journal of Electrical Engineering: Volume 14 / **2014**, Edition: 3, Article 14.3.7. www.jee.ro/covers/editions.php?act=front&issue_id
42. **Ibrahim A. Nassar** and Harald Weber,
"*Influence of Increasing Intermittent Renewable Energy Sources on the Power System*" Nachhaltige Energieversorgung und Integration von Speichern Symposium -NEIS 2013, Hamburg· 12.–13. **September 2013**
43. **Ibrahim A. Nassar** and Harald Weber,
"*System Analysis of the Turkish Power System for Interconnection with Continental Europe*" 8th Power Plant & Power System Control, Symposium - PPPSC **2012**, Toulouse - **September 2-5, 2012** – France, Volume 8, Part 1, pp. 168-173.
https://www.sciencedirect.com/science/article/pii/S1474667016319632/pdf
44. S. Al-Ali, **Ibrahim A. Nassar** and Harald Weber,
"*Interconnection of the European ENTSO-E-CE System with the Turkish system: Investigation of the Expected Inter-Area-Oscillations Behaviour*", 17th Power Systems Computation Conference, **August 22-26, 2011**, Stockholm, Sweden, Volume 2, pp. 853-858.

https://www.pscc-central.org/uploads/tx_ethpublications/fp10.pdf

45. S. Al-Ali, **Ibrahim A. Nassar** and Harald Weber, "*Der Anschluss des Türkischen Elektroenergiesys-tems an das Europäische Verbundnetz: Untersu-chung des Erwarteten Pendeldämpfungsverhaltens*", 13th Symposium Maritime, **2010**, Rostock,Germany, pp.179-185
46. **Ibrahim A. Nassar** , S. Al-Ali and Harald Weber, "*The Overall Frequency Behaviour of the Turkish Power System in Island Operation to Interconnection with European System*", 13th Symposium Maritime, **2010**, Rostock, Germany, pp.155-169
47. **Ibrahim A. Nassar** and Harald Weber, "*Dynamic Model of Unit 1 of Ataturk Hydro Power Plant in Turkey*", 13th Middle East Power Systems Conference, MEPCON'2009, Assuit University, Egypt, December 20-23, **2009**, pp.259-263
48. Harald Weber and **Ibrahim A. Nassar,** "*Electrical Interconnection between Turkey and Europe: Problems and Solutions*", 13th Middle East Power Systems Conference, MEPCON 2009, Assuit University, Egypt, December 20-23, **2009**, pp.1-11
49. **Ibrahim. A. Nassar**, Sayed. H. El-Banna and Kamel and A. Shoush, "*A back-Propagation Neural Network to estimate Reactive Power Control*", Al-Azhar University Engineering Journal, AUEJ Vol. 8, No. 3, Jan. **2005**

Conferences Attended

1. 25th International Middle East Power Systems Conference (MEPCON), Benha University, 17–19 December 2024, Cairo, Egypt.
2. Al-Azhar Engineering 16th International Conference (AEIC 2024)– Egypt, 24-25 February 2024.
3. Al-Azhar Engineering Fifteenth International Conference online/virtual, Cairo – Egypt, 13-15 March 2021.
4. 21st International Middle East Power Systems Conference (MEPCON), Tanta University, Egypt, 17-19 December 2019.
5. Twentieth International Middle East Power Systems Conference (MEPCON) Cairo University, Cairo, Egypt, December 18-20, 2018 (MEPCON'2018)
6. Nineteenth International Middle East Power Systems Conference (MEPCON), Menoufia University, Egypt, 19-21 December 2017
7. The First International Scientific Conference on Environment and Sustainable Development "Energy: the right and Responsibility" (ISCESD 2017), 12-14 March 2017, Egypt.
8. 16th Symposium MEPCON 2009, December 23-25, 2014, Ain Shams University, Cairo –Egypt
9. 19th World Congress of the International Federation of Automatic Control, 24-29 August 2014, Cape Town, South Africa
10. Symposium NEIS 2013, Hamburg 12.–13. September 2013, Germany
11. 8th Symposium PPPSC 2012, September 2-5, 2012, Toulouse – France
12. 17th Symposium PSCC 2011, August 22-26, 2011, Stockholm Sweden
13. 13th Symposium Maritime 2010, 29.09-01.10.2010, Rostock –Germany
14. 13th Symposium MEPCON 2009, December 20-23, 2009, Assuit University-Egypt
15. 8th Symposium Al-Azhar Engineering International Conference (AEIC 2004), December, 24-27, 2004, Cairo, Egypt

Television Program Appearance

More than ten interviews were held on Egyptian television to talk about renewable energy projects, the localization of electric cars, the production of green hydrogen, and the conversion of gasoline cars to gas.

https://youtu.be/8LifcbSPhq0

https://youtu.be/MgErJfxL4wM

https://youtu.be/jPg0jsbz36I

https://youtu.be/1rgQ6GebwhM

https://fb.watch/hZGib4IseS/?mibextid=RUbZ1f

https://youtu.be/Zp_Kqn0rWYo

https://fb.watch/mIIW20Jl03/

https://youtu.be/qN5tnhNrecU?si=kGiEcYDSnyAPvjnC

https://youtu.be/YXJJQD6JmKA?si=DVXQpSGvtCukYP6k