# *C.V*

Name: Abdulla Marachli

Date of birthday: 1/12/1956

Nationality: Syrian , Russian

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**CAREER** :Looking forward to work as a thermal engineering professor so that I get an opportunity to exercise my teaching and practical skills to educate my students with professional knowledge and skills related to GAS TURBINE, THERMODYNAMICS, HEAT TRANSFER, FLUED MECHANICS ,AIR POLLUTION CONTROL, RENEWABLE ENERGY, WIND ENERGY ,ENERGY MANAGEMENT .

**EDUCATION:**

Ph.D. DEGREE: GAS TURBINE BLADs COOLING BY AIR AND STEAM. 1981-1986 LPI Institute ,Leningrad,USSR.

Attained Bachelors of mechanical engineering, Aleppo University 1974-1979.

**Responsibilities and positions:**

* Assistant professor, Tichreen University, Mechanical & elec.eng. Faculty, 1986-1994(SYRIA).
* Associate professor, Aleppo University, Mechanical Faculty, 1994-2003 (SYRIA)
* Professor, Aleppo University, Mechanical Eng. Faculty 2003-2014 (SYRIA).
* Professor, Al-Hussein Bin Talal University, Eng. Faculty 2016- (JORDAN).
* ALAGWAT UNIVERSITY, 1990-1991 ALGERIA
* SABHA UNIVERSITY, 1991-1994 LIBYA
* Head of energy department, Aleppo University, Mechanical Eng.Faculty,2001-2003(SYRIA)
* Dean of Technological Eng. Faculty, Aleppo University 2007-2009(SYRIA)

**Awards and Funding**. Doctoral scholarship to chemical university in Ivanovo 2003(Russia).

**Research and teaching Experience**. Supervisor ph.D post graduate dissertation at solid waste treatment for biogas generation.

Supervision many Master degrees in wind energy, air pollution control, solid waste treatment, improvement of gas turbine cycles.

Lecturing many courses as like as **gas turbine theory, heat transfer, air pollution control, thermodynamic, fluid mechanics ,wind energy, energy management, energy storage, energy conversion and efficiency and other .**

**Publications.**

**Books:**

**-**Thermodynamic and heat transfer, Tichreen university 1995 (in Arabic)

-Gas turbine, Aleppo University 2003 (in Arabic)

-Heat transfer, Aleppo University 2011 (in Arabic)

-Air pollution Control, Aleppo University 2012 (in Arabic)

**Papers:**

1-Hydrolic losses some elements of cooled tract blade with deflector prof. Arcienev l.V., eng**. Marashli A**. Energy, Minck 1987 No11

2-Comperssion between characteristic cooled gas turbine with air and steam .**Dr.Abdullah Marashli** ,Tech .University Jour. Res., vol.15 /1-1993

3-Analysis of Inlet Air Fuel Impurities on the Performance of Thayyem Gas Plant. **Dr.Abdullah Marashli** and Others ,Research Journal Of Aleppo University ,Eng. Series, vol 37- 2004

4-Acomputer-Assisted Study Of the Effects Of Heat Transmission Processes On Distribution Of Thermal Stresses For A Specimen of AfamiaTyres Produced by The General Tyre Company-Hama, **Dr.Abdullah Marashli** and Others, Research Journal Of Aleppo University ,Eng.Series, No vol 36- 2004

5- Evalution of Environmental Effect for Thermal Power Plants in Syria. **Dr.Abdullah Marashli**, Research Journal Of Aleppo University, Eng. Series, vol 34- 2003

6-Influence of Water Injection in Compressor on Effectiveness Nitrogen Oxides Reduction. **Dr.Abdullah Marashli**, Research Journal Of Aleppo University ,Eng. Series, vol 34- 2003

7-Optimized Technical and Economical Study of Converting Waste Water and Solid Waste to Gas in Syria . **Dr.Abdullah Marashli**, and Others Research Journal Of Aleppo University ,Eng. Series, vol 49- 2006

8-Estimation Factors of Ozone Production and Affix Mathematical Model for Ozone Productivity's Efficiency, **Dr.Abdullah Marashli**, and Others Research Journal Of Aleppo University ,Eng. Series, vol 75- 2009

9-H. Achour, A. Marashly, A. G. Olabi, (2012), "Assessing Energy Consumption of the Transport Sector in Aleppo, SYRIA", Journal of Sustainable Manufacturing and Renewable Energy. Vol. 1 Issue 3-4, pp. 87-102.

10-Studying the Influence of Total Solids Concentration on Biogas Production from Organic Municipal Solid and Waste Water in Thermophilic Anaerobic Completely Mixed Reactor **Abdullah Marashli,** Khaldoun Hafez **.**Research Journal Of Aleppo University ,Eng. Series, vol 100- 2011

11-Studying the Influence of the PH on Biogas Production from Organic Municipal Solid and Waste Water in Thermophilic Anaerobic Completely Mixed Reactor. **Abdulalh Marashli,** Khaldoun HafezResearch Journal Of Aleppo University ,Eng. Series, vol 100- 2011

12-Studying the Influence of Inoculum Concentration on Biogas Production from Organic Municipal Solid Waste Water in Thermophilic and Anaerobic Completely Mixed Reactor**.** Dr. Nabil Shaikh Krousch **Dr. Abdullah Marashli** Khaldoun Hafez Research Journal Of Aleppo University ,Eng.Series, vol 102- 2011

13-The Eighth Jordan International Chemical Engineering Conference (JIChEC 2017) Jordan Renewable Energy ,Present and Future ,Wind Energy in south of Jordan, November 7-9, 2017 Amman – Jordan **.Prof. Abdullah Marashli**

14-Effect of Pyridine and Tribenzilamine on the Hydrolysis Kinetics of Benzoyl Chloride in Water-Dioxane System. MOHAMMAD A. BATIHA ,ELENA A. CHIZOVA ,MARWAN M. BATIHA, LEEMA A. AL-MAKHADMEH, SALEH RAWADIEH, MUAWIA ALQASAIMEH AND **ABDULLAH MARASHLI**, Asian Journal Of Chemistry Vol.29,No. 9 (2017)

15-Design and Optimization of small wind turbine 20Kw. Alburdaini M.,.Supervised by **Prof.Abdullah Marashli** . Master Degree Thesis. Alhussien benTalal University ,2018

16- Determination of the Optimum Insulation Thickness for External Walls of Cold Storage for Energy Saving: Case Study for Different Climates of Jordan . **Prof. Abdullah Marashli .**The Second International Conference on Engineering and Science , 28-30 march 2019 in Antalya, Turkey.

17-A study on optimum insulation thickness of cold storage walls in all climate zones of Jordan. Mohammad A. Batiha , Abdullah A. Marachli , Saleh E. Rawadieha, Ibrahem S. Altarawneh, Leema A. Al-Makhadmehd, Marwan M. Batiha. Case Studies in Thermal Engineering 15 September 2019

18-Study of solar cooling system used Lithium Bromide-Water LiBr-H2O. Alfanatsah E. Supervised by **Prof.Abdullah Marashli** . Master Degree Thesis. Alhussien benTalal University ,2019

**Proceeding conferences and courses:**

1-The 1st International Engineering conference 2008 –Aleppo-Syria

2-5th DUBROVNIK CONFERENCE ON SUSTAINABLE DEVELOPMENT OF ENERGY WATER AND ENVIRONMENT SYSTEM, September 29 - October 3 2009, Dubrovnik, Croatia

3-Many Other Conferences and training courses in Syria, Canada, Germany, Egypt 1999-2006-2007-2008-2009/2010-2011

4- Advanced Technologies In Renewable Energy. Prof. Dr. Abdullah Marashli. Engineering Day 16-17/4/2019 . Al-Hussein Bin Talal University, Jordan.

**Other skills**: English language is good

Russian excellent

Computer literate

**Dr. Abdullah marachli**