

# Curriculum Vita

<b>Name</b>	<b>Roshen Tariq Ahmad</b>
<b>Date and Place Of Birth</b>	<b>Baghdad 20/12/1962</b>
<b>Material status</b>	<b>Married</b>
<b>Degree</b>	<b>M. Sc.</b>
<b>Title</b>	<b>Assistant Lecturer</b>
<b>Specialization</b>	<b>Control Engineering</b>
<b>College</b>	<b>University of Technology</b>
<b>Address</b>	<b>University Of Technology Energy and Renewable Energies Technology Center E-mail: <a href="mailto:roshen62@yahoo.com">roshen62@yahoo.com</a> <a href="mailto:11019@uotechnology.edu.iq">11019@uotechnology.edu.iq</a></b>
<b>Degree Information</b>	<b>B. Sc. Control and system Engineering Department / University of Technology / IRAQ / 1984 M. Sc. Control Engineering Department / University of Technology / IRAQ /2003</b>
<b>Academic post</b>	<b>1. Teaching in control lab / military engineering college since 1984-2000 2. Teaching in electronic lab / Alrasheed College / University of Technology 2003-2005 3. Teaching in control lab / control engineering department 2008 4. Researcher in Energy and Renewable Energies Technology Center 2005 till now and administrator of wind energy lab. From 2016 till now.</b>
<b>Conference</b>	<b>1. The Sixth Scientific conference / University of Baghdad 5/4/2009 2. The First Scientific Student research / Electrical and technical college 13/4/2009 3. Conference for Institute of Iraqi Scholars and Academician 14/3/2009 4. 1<sup>st</sup> scientific conference of energy and renewable energy applications 21-22/12/2011 5. National renewable energies conference and their applications 6-7/3/2013</b>
<b>Research Fields</b>	<b>1- Control Eng. 2- Computers Eng. 3- Solar Energy. 4- Wind Energy. 5- Vibration and Control.</b>
<b>Languages</b>	<b>Arabic , English , Kurdish</b>
<b>Computer Programs</b>	<b>Matlab / C++ / Internet / Microsoft office / Basic</b>

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<p style="text-align: center;">Accomplished Devices</p>	<ol style="list-style-type: none"> <li>1. Balance control and measurement for rotating machines.</li> <li>2. Electric power generating by using solar cell 5000 wat</li> </ol>
<p style="text-align: center;">List of Published Papers</p>	<ol style="list-style-type: none"> <li>1. "<i>Computerized speed measurement technique using magnetic pickup sensor</i>" / University of Technology Journal / Engineering and technology Journal ,Vol.27,No.2,2009</li> <li>2. "<i>Design a position control of the blade pitch angle for variable speed wind turbine generators</i>" / University of Technology Journal / Engineering and technology Journal ,Vol.27,No. 13,2009</li> <li>3. "<i>Using personal computer for vibration measurements and rotor balancing</i>"/ University of Baghdad Journal 2009</li> <li>4. "<i>Design and implement 8085 microprocessor bag system for engineering application</i>"/ Al-Mustansirya University, journal of basic education Baghdad 2011.</li> <li>5. "<i>Design of untouchable speed damping for wind turbine generators by applying centrifugal principle</i>" / University of Technology, 1<sup>st</sup> scientific conference of energy and renewable energy applications 2011.</li> <li>6. "<i>Study of using solar energy for purpose heating building in Baghdad city</i>" / University of Technology,1st scientific conference of energy and renewable energy applications 2011.</li> <li>7. "<i>Research study of the possibility of using windmills in irrigation in remote areas for agriculture in Iraq</i>" University of Technology,1st scientific conference of energy and renewable energy applications 2011.</li> <li>8. "<i>The compration analysis of fixed pitch angle wind turbine that of a double output induction generator</i>" National renewable energies conference and their applications / University of Technology 2013.</li> <li>9. "<i>Optimal sizing of Photovoltaic Irrigation Water Pumping System in Samara</i>" / University of Technology Journal / Engineering and technology Journal ,Vol 31,No. 16,2013</li> <li>10. "<i>Reduce Interference in Wireless Communication System by Using Adaptive Transmit Power Control (ATPC)</i>", <i>International Journal of Enhanced Research in Science Technology &amp; Engineering, ISSN: 2319-7463 Vol. 4 Issue 4, April-2015, pp: (279-283)</i></li> </ol>

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11. ***“Modeling and Simulation of Wind Turbine Generator Using Matlab-Simulink”***, Al-Rafidain University College , Journal of Al-Rafidain University College for Sciences, ISSN (1681-6870), Issue No. 40, pp: 282-300, 2017.
12. ***“Obtaining and analyzing the characteristics curves of a solar cell”***, International Journal Of Computation and Applied Sciences IJOCAAS, Vol. 2, Issue 2, ISSN:2399-4509, PP: 94-98, April 2017.
13. ***“Smart Photovoltaic System”***, International Journal Of Computation and Applied Sciences IJOCAAS, Vol. 2, Issue 3, ISSN:2399-4509, PP: 134-138, June 2017.
14. ***“Solar cell system simulation using Matlab-Simulink”***, Kurdistan Journal For Applied Research, Vol. 2, Issue 1, kjar.spu.edu.iq, P-ISSN: 2411-7684, E-ISSN: 2411-7706, June 2017
15. ***“The Feasibility of Linking the Fuel Cells with Public Electrical Grid on the Voltage Level: a Simulation Study”***, International Journal Of Computation and Applied Sciences IJOCAAS, Vol. 3, Issue 2, ISSN: 2399-4509, PP: 207-211, October 2017.