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List of researchers and their web pages	
Outline the institute and its research interests (150 words max), including 5 recent (within the last 5 years) publications <a href="#">with active links</a>	
<p>Power Electronics Laboratory of TEI Piraeus</p> <p>The Power Electronics Laboratory of TEI Piraeus has as main target the education of the students in this particular knowledge area (course "Power Electronics"). The lesson is performed every semester and is attended by more than 100 students. It is equipped with 8 different laboratory exercises on which the students practice on the power electronics technology. A new direction is being given recently and this is to present the applications of Power Electronics in the Renewable Energy Sources (RES) and the Rational Use of Energy using sufficient and appropriate control methods. The aim is to educate the students in these fields, which are of great interest today and in which the power electronics have an extended use. At least 15 students perform their thesis in power electronics in RES and in particular in Photovoltaics and in Wind Energy.</p> <ol style="list-style-type: none"> <li>1. P.Gazis, G.A.Vokas, S.Papathanasiou, "Trends of power electronics on renewable energy systems", International Scientific Conf. e RA – 5, 15 - 18 September 2010, Piraeus, Greece.</li> <li>2. E.Paraskevadaki, S.Papathanasiou, G.A.Vokas, "Effects of partial shading on the PV module characteristic curves", International Conference JAPMED06, Bucharest, 27-29 July 2009.</li> <li>3. Stavros Mastorakis, Georgios Vokas, "Design considerations for a PV-diesel hybrid system powering mobile telecommunication repeater stations in Greece", 4th European Conference PV-Hybrid and Mini-Grid 2008 - OTTI e.V. (Eds.), Vouliagmeni Athens, May 29-30, 2008.</li> <li>4. Stavros Mastorakis, Georgios Vokas, "Feasibility study of different powering supply schemes for rural applications", 4th European Conference PV-Hybrid and Mini-Grid 2008 - OTTI e.V. (Eds.), Vouliagmeni Athens, May 29-30, 2008.</li> <li>5. G.A. Vokas, C.A. Bouroussis, F.V. Topalis, "Policies and Measures Fostering Energy Efficient Distribution Transformers in Europe", MedPower'08, 6<sup>th</sup> Mediterranean Conference and Exhibition on Power Generation, Transmission and Distribution, Thessalonica, November 3-7, 2008.</li> <li>6. E. Meidanis, G.A. Vokas, J.K. Kaldellis, "Theoretical Simulation and Experimental Analysis of a PV-Based Water Pumping System", 6<sup>th</sup> Mediterranean Conference and Exhibition on Power Generation, Transmission and Distribution, Thessalonica, November 3-7, 2008.</li> </ol>	