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Name : SAYED SHEBL MOHAMED SHEBL	
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Email Address: sayed_shebl@yahoo.com

Present Job : Director of Electro-Mechanical Institute and Fire Laboratory

Educational Qualification :	<p>Ph.D. Degree in Power Mech Engg, 2003, Facu of Engg Zagazig Univ, Shoubra, Title: " Investigation of Natural Convection in Enclosure For Solar Collectors Simulation."</p> <p>M.Sc. Degree in Power Mech Engg, 1997, Facu of Engg, Hellwan Univ, Mataria, Title: " Theoretical and Experimental Investigation of Date Palm Leaves' Midribs Drying as enewable Wooden Material."</p> <p>B.Sc. Degree in Power Mech Engg, 1988, Facu of Engg, Hellwan Univ, Mataria, Graduation grade: very good, Graduation project: Design and Execution of a Refrigeration Room with Cooling Load Capacity of 10 T.O.R., Graduation Projects grade: very good.</p>
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Research Experience and Other Skills :	<p>Post Doctor scientific mission at Tuskegee University, Alabama, USA in the fields of development of Nano-particles and recycling of wastes in composite thermal insulation and fireproofing materials for green building applications, 2008.</p> <p>StudyTour "Energy Saving in Residential and Commercial Building in Germany", 2004.</p> <p>Certificated with Accreditation to Fire-Lab met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), in compliance with ISO/IEC Standard 17025.</p> <p>Thermal performance of structural elements, human comfort, energy efficiency, and sustainable green buildings applications, solar energy, domestic heating, and drying applications.</p> <p>Behavior of structural members (Columns, Beams, Slabs, Partitions, Claddings, etc) against fire including structural performance, mechanical and physical characteristics, phase composition and microstructure.</p> <p>Third party duties and Fire experiments (resistance to fire and reaction to fire) and fireproofing materials.</p> <p>Labels for Fire resistance door assemblies and steel structure fireproofing intumescent coatings.</p> <p>Thermo-physical and mechanical properties of building and construction materials - thermal insulation materials – fireproofing materials, etc.</p>
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The Most Important Consulting Work Inside and Outside the Center	<p>Building Physics Engineering including Heat and Mass Transfer, Mechanical and Thermo-Physical Properties of Building, Fireproofing and Thermal Insulation Materials. Performance of Buildings for Human Comfort, Energy Efficiency, Green and Sustainability Applications. Structure Performance against Fire and Fireproofing Materials. Synthesis of Nano Materials and its Applications in Building and Construction Materials. Not-In-Kind Cooling Technologies. Renewable Energies Application. Mechanical Systems (Elevators, HVAC).</p> <p>Focal Point of Bilateral Cooperation with United Nations Environment Program UNEP and United Nations Industrial Development Organization UNIDO on environmental issues related to the Montreal Protocol amendments. Ministerial Decision No 889 - 2018.</p> <p>Conference Chairman, "International Conference on Sustainable Green Construction and Nano-Technology, NTC, since 14 years till now.</p>
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