



Name:	Dr Mohamed Abdel-halim Hassab
Title:	Tenured professor, Mechanical Engineering Department
Specialization:	Heat transfer, solar energy and thermal systems
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Education:	Ph.D. from North Carolina State University, Raleigh, NC, USA
Teaching Experience:	Heat transfer, Design of Thermal systems, Renewable Energy, Advanced Conduction, Convection and Radiation
Research Interests:	Heat transfer, micro heat sinks and micro heat exchangers, high temperature storage systems
Honors and Awards:	Phi Kappa Phi, 1976 Engineering Research Award of Alexandria University 1982. State Award of Science from the Egyptian Government 1988. Engineering Appreciation Award, Alexandria University , 2016.
Grants:	<ol style="list-style-type: none"> <li>1. Utilization of Solar Energy in Greenhouses and Tobacco Curing, NCSU (Investigator).</li> <li>2. Design and testing of a Solar Air Heater for industrial drying Alexandria University/ University of Wisconsin, FRCU Grant No. 82007 (Investigator).</li> <li>3. An Optimum Design of a Small Scale Solar Pond, Alexandria University/ North Carolina State University, FRCU, Grant No. 260-0118 (Co-principle Investigator).</li> <li>4. Theoretical and Field Studies of Umm-Said Large Scale Solar Pond and Qatar University Small Scale Solar Pond, Applied and Scientific Research Center (SARC)/ Industrial Development Technical Center (IDTC), Grant No. IR-20 (Principle Investigator).</li> <li>5. Mechanical and thermal Performance of Qatar Steel, SARC/Qatar Steel Company (QASCO), Grant No. IR-24 (Investigator).</li> <li>6. Performance Evaluation of El-Shahaniah Greenhouses, SARCIDTC, (Principle Investigator).</li> <li>7. Thermal Utilization of Solar Energy for Temperature Range Between 100-400 C, Academy of Scientific Research and Technology, Egypt, (Principle Investigator).</li> </ol>
Google Scholar:	<a href="https://scholar.google.com/citations?user=3TUetukAAAAJ">https://scholar.google.com/citations?user=3TUetukAAAAJ</a>

Academic Activities & Committees:	Head of Mechanical Engineering Department, Alexandria University Initiator of Electromechanical Engineering program
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