

CURRICULUM VITAE

Personal Data	<p>Name: Mostafa Khaled Mohamed Hofny</p> <p>Birth date: 9th August 1993</p> <p>Birthplace: Luxor, Egypt</p> <p>Nationality: Egyptian</p> <p>Address: 81528; Faculty of Energy Engineering, Aswan University, Airport road, Sahary city, Aswan, Egypt.</p> <p>Mail address: mo.kh.9833@energy.aswu.edu.eg mo.kh.9833@gmail.com</p> <p>Marital Status: Single</p>
Degree(s) Obtained	<ul style="list-style-type: none"> • (2011-2016) B. Sc. of Mechanical Engineering, Faculty of Energy Engineering, Aswan University. –Grade: Very good A with honors (3.4/4.0). • (2017-2020) M. Sc. of Mechanical Design and Production Engineering, Faculty of Energy Engineering, Aswan University. – Thesis: “Water Purification by Polymeric Membranes Fabricated from recycled waste”
Work Experience	<ul style="list-style-type: none"> • October 2016 – June 2020: Working as a demonstrator, Material Engineering and Mechanical design dep., Faculty of Energy Engineering, Aswan University, Egypt. Demonstrating and teaching practical courses for undergraduates, mechanical Power Engineering & material science and Production. • July 2020 – till now: Working as an assistant lecturer, Material Engineering and Mechanical design dep., at the Faculty of Energy Engineering, Aswan University, Egypt.
Research Experience	<ul style="list-style-type: none"> • Preparing of polymeric membranes from different polymeric materials using the phase inversion method. • Characterizing the polymeric membranes in terms of chemical composition, surface hydrophilicity, surface and cross-section morphology, porosity, pores size distribution, and mechanical properties. • Using of scan electron microscopy (SEM), water contact angle device, tensile testing machine, and FTIR spectroscopy in membranes properties characterization. • Preparing different surface coating for membranes surface improvement. • Using of hardness testing machine, impact testing machine, and tensile testing machine for testing different types of materials.

Languages	<ul style="list-style-type: none"> • Arabic language – Mother tongue • English Language: IELTS Academic (6)
Computer Skills	<ul style="list-style-type: none"> • C++ • Microsoft Office • General Purpose Computer Software • Excellent Internet Research Skills • Origin
Published Papers	<p>[1] Mostafa Khaled, H. Noby, A.H. El-Shazly, W. A. Aissa, "Facile Fabrication of Porous and Hydrophilic Polystyrene Membranes using Recycled Waste", Materials Science Forum, Trans Tech Publications Ltd, Switzerland, Vol.1008, pp.39-64, doi:10.4028/www.scientific.net/MSF.1008.39, 2020.</p> <p>[2] Mostafa Khaled, H. Noby, Eman S. Mansor, W. A. Aissa, A. H. El-Shazly, "Water Purification using Recycled Polymeric Microfiltration Membranes", International Journal of Applied Energy Systems, Faculty of energy engineering, Egypt, Vol.2, No.1, ISSN:2636-3720, 2020.</p>
Teaching the following courses	<ul style="list-style-type: none"> • Materials Engineering and testing. • Stress analysis and Strength of materials. • Mechanical Design. • Physical metallurgy. • Engineering Drawing. • Mechanical Drawing (Assembly). • Workshop technology and manufacturing engineering. • Theory of machines. • Mechanics (statics and dynamics). • Mechanical Engineering. • Technical English language.

<p>Certified Courses</p>	<ul style="list-style-type: none"> • Elsevier – Egyptian Knowledge Bank (EKB) Tour (22/10 - 11/12) 2018 at Aswan University, Egypt. • Faculty Member Preparation Program (Faculty of Education, Aswan University, Egypt). • Examination Methods and Students Evaluation (Faculty of Education, Aswan University, Egypt). • Quality Standards in Education (Faculty of Education, Aswan University, Egypt). • Strategic Planning (Faculty of Education, Aswan University, Egypt). • Time management. • Communication Skills. • Holder of ICDL and ICTP certificates. • Holder of Fundamentals of Digital Transformation Certificate.
<p>Industrial Training</p>	<ul style="list-style-type: none"> • Egyptian Aluminum company. two weeks. • Faculty of Energy Engineering Summer Training. four weeks • Hydro Plants Generation Company (High Dam). three weeks. • Holding Company for Water and Wastewater. Three weeks.
<p>Other Activities</p>	<ul style="list-style-type: none"> • Preparing, and facilitating for the 5th International Conference of Energy Engineering (ICEE-5) organized by Faculty of Energy Engineering, Aswan University. Representing the Faculty of Energy Engineering in many workshops and conferences. • Attending public Faculty seminars on M.Sc. degrees in the field of Mechanical and Materials Engineering. • Good at communicating with students, solving problems, and making decisions quickly. • A Creative Researcher & Trainer in the Field of Mechanical Engineering with Distinguished Academic & Interpersonal Skills in Teaching Mechanical and Materials Engineering courses. •

References

- **Prof. Dr. Adel Zein El Dain Mohammed**, Dean of Faculty of Energy Engineering, Aswan University, Aswan, Egypt.

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- **Prof. Dr. Walid Aniss Mahmoud Aissa**, Mechanical power Department, Faculty of Energy Engineering, Aswan University, Aswan, Egypt.

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