

Personal Information

No. 92 New Minya, Minya, Egypt, Minya (Egypt)

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Ahmed. Atia@aun.edu.eg eng.a.m.atia@gmail.com 19-Dec- 1987 Married have two children.





- Assistant Professor, Mechanical Design and Production Engineering Dept
- Member of Mechanical Design and Production Engineering dept. council
- Skills: Finite Element Analysis (FEA) · Mechanical Product Design · Material Characterization · Manufacturing Processes · University Teaching Lecturing. (August 2023 - Present)



- **Assistant Professor**, Mechanical Engineering Dept. (Mechatronics)
- Member of world University Ranking Committee.
- Director of the Quality Assurance and Accreditation Unit.
- Member of Engineering college council. (July 2021-August 2023)



- Demonstrator (1-10-2009 : 1-10-2014)
- Assistant lecturer (1-10-2014: 1-9-2017)
- Assistant Professor. Mechanical Engineering Dept. (Mechatronics).
- Deputy Director of the Quality Assurance and Accreditation Unit. **End(July 2021)**



- **Ph.D.** in Mechanical Engineering Material Engineering (Polymer Composite material), **2017.**
- M.Sc. in Mechanical Engineering (Investigation of the Mechanical and Tribological Properties of Polypropylene Matrix Composites Produced by Injection Method.), 2014.
- **B.Sc.** Production Engineering and Mechanical Design , 2009.



Total Quality Management, Dec. 2021.

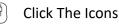


Related Software



















-Quality Assurance and Accreditation.-University World Ranking.



- Work as Manager of QA Unit from 12-2018 till 15-7-2021 in El Minya High institute for Engineering and Technology.
- From 15-7-2021 works as executive supervisor of QAU (Present)

Certification related:

- Examination and student assessment system Higher education NAQAAE.
- Teaching and learning strategies, Higher education NAQAAE.
- Programs and course specifications, NAQAAE.
- Self-evaluation of higher education institutions, NAQAAE.
- Ethics of scientific research, El Minya UNI.

supervised and Assist the following Tasks:

- Strategic plan.
- Annual reports.
- Mechatronics program specifications and reports.
- Evaluation of the Institute.
- Preparing Data Base of QA activities.
- Preparing operational plans.
- Design the Questionnaires Microsoft Forms & Google Forms.
- Improvement mechanisms and plans.

The Institution get the accreditation from NAQAAE in Dec. 2023



- Works As Deputy director of QAC sphinx university.
- Manger of QAU in Faculty of engineering.
- Faculty Council member.
- Member of Sphinx world ranking and scientific publishing.
- Data gathering and analysis.

The Sphinx university has been Ranked in THE impact Ranking 2023.





- Member of Mechanical Design and Production engineering Dept.
 Council.
- Manger of Wood Workshop, Faculty of Engineering.
- Pricing Committee Manger.

Graduation projects scientific output

- -3D Printer Design and implementation.
- -CNC 3-Axis (Wood Router).
- -Solar Panel Robotic Cleaner.
- -Handling Robotic at Production lines.
- Auto submarine.
- -Sheet Metal operation Using arm robot.
- -Wearable Robotic Suite for Disables

Scientific Contributions

- [1] Atia, A.M., K.M. Atia, and A.H. Badran, TRIBOLOGICAL PROPERTIES OF WOVEN CARBON FIBRE COMPOSITE FOR WIND TURBINE BRAKE PADS. Journal of the Egyptian Society of Tribology, 21(1): p. 109-119.(2024)
- [2] M., S.A. and A.A.K. Atia A. M. Hamdy K., Ali W. Y., Wear of High Density Polyethylene Reinforced by Single Wall Carbon Nanotubes and Aluminium Oxide Nanoparticles for Bearing Materials Applications. Journal of the Egyptian Society of Tribology, 20(1): p. 63-73.(2023)
- [3] Abd-Eltwab, A.A., et al., An Investigation into Conventional Spinning Process Using Ball Shaped Rollers as Forming Tool, Manufacturing Technology Journal, 23(6): p. 788-800.(2023)
- [4] Badran A. H. Atia A. M., A.W.Y., INVESTIGATION OF THE ELECTROSTATIC CHARGE GENERATED FROM FABRICS SLIDING ON PMMA / HDPE COMPOSITES. Journal of the Egyptian Society of Tribology, 19(2): p. 12-23.(2022)
- [5] Ayman A. Abd-Eltwab, K.M.A., Essam K. Saied, and A.M.Atia, An Investigation into the Forming of Tube Ends Using the Ballizing Process. Design Engineering (Toronto), 2022(1): p. 3358 - 3374.(2022)
- [6] Ali W. Y., B.A.H., Atia A. M., Electrostatic Charge Generated From Fabrics Sliding on Polymeric Materials. Journal of the Egyptian Society of Tribology, 18(3): p. 59-66.(2021)
- [7] Ayman A. Abd-Eltwaba, A.M.A.K.-A., A. M. Atia, and E.K. Saied, A Novel Tool For Producing Externally Splined Sleeves. INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, 9(6): p. 882-885.(2020)
- [8] Atia, A. and W. Ali, Erosion of glass fibre reinforced epoxy composites. KGK-KAUTSCHUK GUMMI KUNSTSTOFFE, 71(4): p. 22-27.(2018)
- [9] W. Y., A.A.M. and Ali, Erosion of Glass Fibre Reinforced Epoxy Composites. EGTRIB Journal, Vol. 14, No. 2, April 2017, 14(2): p. 28-41.(2017)
- [10] Ahmed Atia, W.y., Particle Erosion of Epoxy Resin. (Journal of Multidisciplinary Engineering Science and Technology (JMEST, 3(5): p. 4780-4784.(2016)
- [11] Atia A. M., A.W.Y., Erosion Behaviour of Epoxy Composites Reinforced By Glass Fibre and Filled by Synthetic Oil. Journal of the Egyptian Society of Tribology, 12(ISSN 2090 5882): p. pp. 50 59.(2015)
- [12] Atia, A., Y. Ismail, and M. Abd Rahman, Study of The Mechanical Properties of Polypropylene and Polypropylene 10% Fiber Glass Matrix Reinforced by Steel Wires. Journal of Advanced Engineering Trends, 8: p. 9.(2014)