



Personal Information

Ahmed Mohammed Atia
Abdelkader

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

0021111772347

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



Click The Icons



-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)