Curriculum Vitae

Personal Information

- **Name** : **Riham Atef Abdel Mola Ahmed**
- **Mobile** : +2 01100101610
- **E-mail** : rihamatef99@gmail.com
- **Position:** Lecturer at chemical engineering department- High Institute of Engineering and Technology in New Damietta.

Education

- **B.Sc. in Chemical Engineering**, Alexandria University
- **Graduation Year** : May 1999

Post Graduate

- Ph D in chemical Engineering, Alexandria University, " **Synthesis of Technically Applied Synthons from Cellulose"**, February 2016.
- M.Sc. in Chemical Engineering, Alexandria University, **"Electro polymerization of Phenol",** August 2010

Teaching Experiences

- Demonstrator in chemical engineering department (Alexandria University) teaching the following subjects
  - Organic laboratory
  - Inorganic laboratory
  - Dyeing of textiles laboratory
  - Oils and fats laboratory
  - Polymer engineering
  - Chemical industries
- Demonstrator in mathematics and physics department (Alexandria University)
  - mathematics
- Demonstrator in textile department (Alexandria University) teaching the following subjects
  - Fiber technology
  - Dyeing of textiles
- Lecturer at Higher Institute of Engineering and Technology in New Damietta, teaching the following courses
  - Polymer Engineering

- Plant Design
- Mass Transfer
- Mass Transfer Operations
- Heat transfer
- Gas engineering
- Gas sweetening

❖ At Higher Institute of Engineering and Technology at Tanta (ندب جزئ), teaching the following courses

- Separation Processes
- Natural Gas Engineering

❖ lecturer at faculty of engineering (chemical engineering department and natural gas program),Port Said University (ندب جزئي).

الدورات التدريبية:

م	إسم الدورة	التاريخ	المكان
1	توصيف البرامج والمقررات وتقويم نواتج التعلم لكليات ومعاهد التعليم العالي	من 2018/8/7 إلى 2018/8/9	الهيئة القومية لضمان جودة التعليم والإعتماد فرع شبرا
2	التخطيط الإستراتيجى لكليات ومعاهد التعليم العالى	من 2018/8/12 إلى 2018/8/13	الهيئة القومية لضمان جودة التعليم والإعتماد فرع شبرا
3	المراجعة الخارجية لكليات ومعاهد التعليم العالى	من 2018/12/18 إلى 2018/12/20	الهيئة القومية لضمان جودة التعليم والإعتماد فرع شبرا
4	التقويم الذاتي لكليات ومعاهد التعليم العالى	من2018/12/4 إلى 2018/12/6	الهيئة القومية لضمان جودة التعليم والإعتماد فرع شبرا
5	إستراتيجيات التدريس والتعلم الفعال لكليات ومعاهد التعليم العالي.	من 2021/3/28 إلى 2021/3/29	الهيئة القومية لضمان جودة التعليم والإعتماد فرع شبرا
6	نظم تقويم الإمتحانات لكليات ومعاهد التعليم العالي	من 2021/3/30 إلى 2021/3/31	الهيئة القومية لضمان جودة التعليم والإعتماد فرع شبرا
7	أساليب البحث العلمي	من 2021/12/8 إلى 2021/12/9	مركز تنمية قدرات أعضاء هيئة التدريس والقيادات- جامعة بورسعيد

List of Puplications

- Gomaa El Damrawi, Amal Behairy, Riham Atef. **2019**. *"Structural Characterizations for Glass Ionomer Cement Doped with Transition Metal Phthalocyanines"*. New Journal of Glass and Ceramics. 9(4):67-79. DOI: 10.4236/njgc.2019.94006
- Gomaa El Damrawi, Amal Behairy, Riham Atef. **2019**. *"Structural Investigations on Sodium Rich Silicate Glass Ceramics"*. International Journal of Modern Physics and Applications. 5(3):55-59.
- R. A. Mansour, Riham Atef, R. R. Elazaby, A. A. Zaatout. **2020**. *"Experimental study on the adsorption of Cr^{+6} and Ni^{+2} from aqueous solution using low-cost natural Material"*. International Journal of Phytoremediation. 22(5):508-517.
- Riham Atef, Amal Behairy, Gomaa El Damrawi, **2023**, "Influence of Vanadium Oxide on The Structure and Properties of Silicate Glasses Modified by Zinc Oxide.", Egyptian Journal of Chemistry, 66 (8), 41-46.
- Riham Atef, N. M. Aboeleneen, Nabil M. AbdelMonem, **2023** "Preparation and characterization of low-cost nano-particle material using pomegranate peels for brilliant green removal", International Journal of Phytoremediation. 25 (1):36-46.
- G El Damrawi, F Garghar, R Atef, A Behairy, **2023**, Ion-Exchange Mechanisms in Calcium Silicate Glasses Modified by Cesium Bromide, Available at SSRN 4356461
- G El Damrawi, F Gharghar, R Atef, A Behairy, **2024**, Structure role of cesium bromide in calcium silicate glasses and glass ceramics, Indian Journal of Physics 98 (6), 2031-2037
- NM Aboeleneen, R Atef, RA Mansour, **2025**, Efficient malachite green dye removal from wastewater using activated Casuarina equisetifolia cones and needles adsorbents: characteristics, adsorption kinetics Chemical Engineering Communications, 1-18
- NM Aboeleneen, NM AbdelMonem, R Atef, **2025**, Effective application of green nano adsorbent on the removal of carbofuran from wastewater, Chemical Engineering Communications 212 (2), 235-249
- R Atef, RM Mansour, NM Aboeleneen, **2026**, Andesite as an Affordable Natural Desiccant for Dye-Polluted Aqueous Solutions, Water, Air, & Soil Pollution 237 (4), 228
- A Behairy, R Atef, **2026**, Comparative Studies Between Oxide Glass and Glass Ionomer Cement Ceramics International, https://doi.org/10.1016/j.ceramint.2026.03.256
- NM Aboeleneen, TE Farrag, R Atef, **2026**, Comprehensive isotherm, kinetic, and thermodynamic study of phenol adsorption onto avocado seed nanomaterial, International Journal of Phytoremediation, 1-19.