

Curriculum Vitae (CV)

Noha Fawzy Elhusseiny

Personal Information:

Academic Rank: Assistant Professor

Department: Chemical Engineering

Specialization: Reactor Design

Position: Lecturer and Program quality coordinator at HTI, 10th of Ramadan City.

Google Scholar:

<https://scholar.google.com/citations?user=tUfjSE0AAAAJ&hl=ar>

Research Gate: <https://www.researchgate.net/profile/Noha-Alhoseny>

ORCID Record <https://orcid.org/my-orcid?orcid=0000-0001-5085-0466>

Scopus ID: -----

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Solid waste recycling	Faculty of Engineering - Cairo University	2018
M.Sc.	Modeling and simulation of FCCU	Faculty of Engineering - Cairo University	2000
B.Sc.	Chemical Engineering	Faculty of Engineering - Cairo University	1993
Basic Education	High School certificate	Lycee El Horreya –Bab El louk	1989

Academic Experience:

Institution: Higher Technological Institute- 10th of Ramadan

Rank: Teaching Assistant - Assistant Professor

Dates: 1994 – till present

Publications:

1. Heba A. El-Gawad, Montaser Y. Ghaly, N. F. El Hussieny, M. Abdel Kreem, Y. Reda, “Novel collector design and optimized photo-fenton model for sustainable industry textile wastewater treatment”, Scientific Reports, 13 April, 2024, № 1
2. Hossam A. Nabwey, Maha Abdelkreem, Maha A. Tony and Noha F. Al Hoseny, “Smart win-win waste management: superhydrophobic filter using valorized cellulose acetate from discarded cigarette butts for cleaning up marine oil spill at Hurghada Red Sea shore in Egypt”, Front. Mar. Sci., Sec.

Marine Pollution , 12 February 2024

3. N.F.Al Hoseny, M. Abdelkreem, Y.Reada, El-shimaa .El-zahed, "Studying Microstructure and Mechanical properties of inhibited Chitosan with Polyurethane Paint ", 10th International Conference (38th annual) on Corrosion Mitigation and Surface Protection Technologies 12-15 December 2022- Hurgada, Egypt.
 4. N.F.Elhussieny, Montaser Y.Ghaly, Maha Abd El Kareem, Y.Redda, " Integrated unit of different stages of classical and advanced wastewater treatment using solar photo-Fenton", 9th International Conference (37th annual) on Corrosion Mitigation and Surface Protection Technologies 13-16 December 2021- Luxor, Egypt.
 5. N. Y. Selem, N. F. Al Hoseny, EL-S. M. H. EL-Zahed, " Kinetics of Pyrolysis of Cigarette Butts", Journal of Engineering and Applied Science, Vol. 67 (8), Dec 2020, Pages 1981 – 1993
 6. N.F. Al Hoseny , Sh.K. Aminb, M.M.K. Fouad , M.F. Abadirc "Reuse of ceramic sludge in the production of vitrified clay pipes ", Ceramic International, Volume 44, Issue 11, 1 August 2018, Pages 12420-12425
 7. MM Fouad, NF Elhussainy, SS Elnashaie, " Industrial Riser Type Fluid Catalytic Cracking(FCC) units II: Static Bifurcation Behaviour", Journal of Engineering and Applied Science, 51 (3), 623-640, June 2004
 8. SS Elnashaie, NF Elhussainy, MM Fouad, " Industrial riser type fluid catalytic cracking (FCC) units I: Steady state modeling and simulation", Journal of Engineering and Applied Science, 51(2):413-429 · January 2004
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Certifications or Professional Registrations:

Teaching Experience:

As my resume demonstrates, I taught a variety of undergraduate courses.

Courses taught

Physical Chemistry – Unit Operation – Mass Transfer and Separation Processes -
General Engineering Chemistry for preparatory year – Introduction to Chemical
Engineering – Chemical Engineering Fundamentals - Computer Applications in
Chemical Engineering (MATLAB) – Chemical Engineering Laboratory – Chemical
Reaction Engineering (Reactor Design) – Graduation Projects.

Certifications:

- مركز تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة القاهرة (FLDC) – at the quality assurance Unit in HTI – 27-28 July, 2025 دورة الجوانب القانونية والمالية في الأعمال الجامعية
- The Digital Transformation in Higher Education Institutions course (FLDC) - HTI – 21-22 July, 2025 - دورة التحول الرقمي في مؤسسات التعليم العالي
- دورة بنك المعرفة – Egyptian Knowledge Bank (EKB) Training Course HTI – April (5-6)/2025
- Academic advising and credit hours system, HTI, 2024
- دورة الطوارئ و الإسعافات الأولية, HTI, 2024
- International Publishing of Scientific Research, by the National Authority for Quality Assurance and Accreditation of Education - HTI, 2024

- Learning through Projects, DAAD, 2022
- Strategic Planning: Faculties and Institutes of Higher Education, by the National Authority for Quality Assurance and Accreditation of Education, 2022
- 9th International Conference (37th annual) on corrosion mitigation and surface protection technologies 13-16 Dec 2021 – “Integrated Unit of Different Stages of Classical and Advanced Wastewater Treatment Using Photo-Fenton
- University Exams and Digital Question Banks, DAAD, 2021
- Exams and Students’ Assessment Systems: Faculties and Institutes of Higher Education, 2021
- Program Self-Evaluation: Faculties and Institutes of Higher Education, by the National Authority for Quality Assurance and Accreditation of Education, 2021
- Electronic correction, HTI, 2022
- Smart Education Methods by the National Authority for Quality Assurance and Accreditation of Education, 2019
- Researcher Academy on Campus “Promoting your research capabilities” – The modern knowledge cycle on 25th August, 2019.
- “University Teacher Support”, Erasmus, Faculty of Engineering, Ain Shams University on 25 July 2019.
- “Concepts of Quality Assurance of Education for Academic Leaders of Higher Education Institutions” by the National Authority for Quality Assurance and Accreditation of Education on 4-5 November 2018.
- “Teaching Strategies and Effective Learning of Higher Education Institutions” by the National Authority for Quality Assurance and Accreditation of Education on 6-7 November 2018.

Computer skills:

- Good command of all Windows Operating Systems
- Excellent knowledge of MS Office (Word, Excel, Outlook and Power Point).
- Good command of Work bench, MATLAB, Visio, Aspen
- Computer programing: (FORTRAN Power Station & Turbo C++)
- Excellent Internet research skills and its applications.

Field Training:

"Cairo Oil Refining Company" Mostorod Refinery, Summer 1992.

Employment history abstract

- Teaching assistant at HTI (from 1/8/1994 to 18/12/2000)
- Research Assistant at HTI (from 12/18/2000 until 4/28/2018).
- Assistant professor (lecturer at HTI) since 28/4/2018 till present.

Additional Qualifications:

- Academic advisor in the chemical Engineering department.
- Department Schedule coordinator (from Sep. 2018 – Feb. 2024)
- Department Coordinator (from 11 Aug. 2020 - till Oct. 2021 and from 5 May 2022 - till 31Aug. 2022)
- Program Quality instructor (from Feb. 2024 - till present)
- Program coordinator from Sep. 2024 till present