

1. Name: Hossam Ibrahim Eldesouki Moselhy, Prof. of Chemical Engineering , Chemical Engineering Department , **The Higher Institute of Engineering – El-Shorouk Academy** Cairo, Egypt.

2. Degrees:

• Assistant Professor of Inorganic Chemistry - Chemical Engineering Department – The Higher Institute of Engineering – El-Shorouk Academy. (1995 – 2005)

• Associate Professor of Chemical Engineering - Chemical Engineering Department – The Higher Institute of Engineering - El-Shorouk Academy. (2005 – 2018)

• Professor of Chemical Inorganic Industries - Chemical Engineering Department – The Higher Institute of Engineering - El-Shorouk Academy. (2018 – Present)

3. Years of Service on Faculty: 21

- 08/2018 – present Professor

4. Other Experience:

Quality training courses

- Leadership skills - From The National Authority for Quality Assurance
- Strategic planning - From The National Authority for Quality Assurance
- Foundation of the institutional evaluation and developing - From The National Authority for Quality Assurance
- The basics of the program evaluating and developing - From The National Authority for Quality Assurance
- External audit of higher education institutions - From The National Authority for Quality Assurance
- Description of programs and courses - From The National Authority for Quality Assurance
- Exam systems and student's assessment methods - From The National Authority for Quality Assurance
- Evaluating learning outcomes for higher education institutions - From The National Authority for Quality Assurance
- Advance course for external auditors of higher education institutions - From The National Authority for Quality Assurance
- Intensive course for external (1) - From The National Authority for Quality Assurance
- Intensive course for external (2) - From The National Authority for Quality Assurance
- Institutional self-evaluation of higher education institutions - From The National Authority for Quality Assurance
- Learning outcomes and curriculum maps higher education institutions - From The National Authority for Quality Assurance
- Effective learning of higher education institutes - From The National Authority for Quality Assurance
- Academy leader – Form faculty and leadership development center – Cairo University.
- Research ethics – Form faculty and leadership development center – Cairo University.
- Information systems of higher education auditors - Form faculty and leadership development center - Cairo University.

- External review in higher education institution - Form faculty and leadership development center - Cairo University.
- Driving skills - Form faculty and leadership development center – Cairo University
- Ensuring the quality of education between international planning and regional implementation - The sixth international conference - Cairo - Egypt 2019

Workshops

- Program accreditation "concepts & basics" (The National Authority for Quality Assurance)
- Quality assurance Activities. (Higher Institute of Engineering)
- Institutes SWAT analysis. (Higher Institute of Engineering)
- Awareness of academic standards.
- Awareness of Program, descriptions and reports.

Conferences

- The First International Conference On Sustainability Environmental Efficiency For Human Well-Being – 2018
- The 12th international conference on mining, petroleum and metallurgical engineering – Egypt 2014.
- The 3rd Scientific conference on the environment – Zagazig Universities 2008.
- The 5th Egyptian – Syrian conference on chemical engineering and petroleum – Egypt 2003.
- The 4th Syrian – Egyptian conference on chemical engineering and petroleum – Syria 2001.
- International confederation for thermal analysis - HATFIELD 1992.
- 33rd IUPAC conference – Budapest 1991.

6. States in which registered:

- Cairo, Egypt.

7. Principal publications of last 5 years (selected):

1. Magdy Abadir, Hosam Moselhy Eldesoki, Osama Abdel Bary Ibrahim and Nada Ragab El Sakka, "Preparation of Insulating Firebricks using Date seeds," Bulletin of the National Research Centre May 02, 2024. Doi: <https://doi.org/10.21203/rs.3.rs-4100020/v1>
2. Ali.M.Hassan , M.F.Abadir and H.Moselhy " Use of Agricultural Waste in the Preparation of Insulating Fireclay Bricks".International Journal of Applied Engineering Research Volume 13, Number 12 (2018) pp. 10819-10825
3. H.Moselhy "Breakage of Concrete by Expansive Cement" International Journal of Chemical Engineering Research. Volume 10, Number 2 (2018), pp. 85-94 3- H.Moselhy "Effect of Dealuminated Kaolin Waste on Slump and Compressive Strength for Ordinary Portland Cement Concrete" International Journal of Applied Chemistry. Volume 14, Number 3 (2018) pp. 233-240
4. H. Moselhy, H.B.G.Ghazal, Ali M.Hassan "An economic assessment for manufacturing of insulating fire-bricks using bagasse with 1%polystyrene." International Journal on : the academic research community publication V3i3-424 (2019) pp.71-68.
5. Ali.M.Hassan, H.Moselhy, M.F. Abadir " The use of bagasse in the preparation of fireclay insulating bricks"International Journal of applied ceramic technology. 2019;16:418-425

8. Institutional & professional service in last 5 years:

- Head of the Chemical Engineering Department – The Higher Institute of Engineering - El-Shorouk Academy. (1996 – 2000) & (2012 – 2018)
- Head of the Quality and Accreditation Unit at The Higher Institute of Engineering - El-Shorouk Academy .(2008 – 2018)
- Executive Director of Quality Assurance Center - El-Shorouk Academy. (2008 – Present)
- Head of Examination Conduct Committee The Higher Institute of Engineering - El-Shorouk academy. (2018 – 2020)
- Chairman of institute's strategic plan committee - The Higher Institute of Engineering - El-Shorouk academy.
- Head of administration of examination - The Higher Institute of Engineering - El-Shorouk academy.
- Member of the student disciplinary committee - The Higher Institute of Engineering - El-Shorouk academy.
- Member of the institute manuals report committee - The Higher Institute of Engineering - El-Shorouk academy.
- Member of the performance evaluation committee - The Higher Institute of Engineering - El-Shorouk academy.
- Coordinator of the Higher Institute of Engineering during the visit by the National Authority for Educational Quality and Accreditation 2015 & 2017.
- Head of the Control Committee and Print the Exams in the - Higher Institute of Engineering - El-Shorouk academy.