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 Languages: Arabic- Russian- English



### Academic Qualifications:

Degree and Specialization	Name and Country of Institution	Date of Conferring
PhD in Organic Chemistry	Belarus State University/ Soviet Union	1989
BA in Applied Chemistry	Aleppo University/ Syria	1983

### Academic Ranks:

Academic rank	Date of appointment and duration	Place of Work
Assistant professor	1990-1995	Department of Chemistry- Faculty of Sciences- Tishreen University- Syria
Associate professor	1995-2017	Department of Chemistry- Faculty of Sciences- Tishreen University- Syria
Associate professor	1996-2001	Department of Chemistry- Faculty of Education in Sa'ada- Sana'a University- Yemen
Professor	2018- till now	Department of Chemistry- Faculty of Sciences- Tishreen University- Syria

### Administrative Positions:

- Head of the Chemistry department in the Faculty of Education in Sa'ada- Sana'a University- Yemen from 1996 to 1997.
- Vice-dean of the Faculty of Education in Sa'ada- Sana'a University- Yemen from 1997 to 2001.
- Vice-dean for students and administrative affairs at the Faculty of Sciences in Tishreen University- Syria.
- Head of the Coast Branch of the Syrian Chemical Society from 2005 to 2017.
- Vice-president of Tishreen University for Academic Affairs from 2019 till now.

## Teaching Experience:

I taught the following modules:

- Organic chemistry- theoretical and practical sessions for second year students at the department of biology in the Faculty of Science/ Tishreen University.
- Organic Chemistry (3) – theoretical and practical sessions for the third year students of pure chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University.
- Organic Chemistry (4) - theoretical and practical sessions for the fourth year students of applied chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University.
- Organic Industries (1) - theoretical and practical sessions for the third year students of applied chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University.
- Bio-chemistry (2)- theoretical and practical sessions for the third year students of bio-chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University.
- General chemistry for the first year students of chemistry at the faculty of Education in Sana'a University- Yemen.
- Organic chemistry (1) for the second year students of chemistry at the faculty of Education in Sana'a University- Yemen.
- Applied Sciences for the first year students of Nursing at the Faculty of Nursing in Al-Andalus University/ Syria.
- Human biology and organic chemistry for first year students of Nursing at the Faculty of Nursing in Al-Andalus University/ Syria.
- Organic synthesis for students of MA in Organic chemistry.

## Academic Books:

- M, Y. (1991). *An Introduction to Biochemistry*. Lattakia: Tishreen University Publications. (Taught in the theoretical sessions for second year students of biology at the department of chemistry in the Faculty of Sciences/ Tishreen University).
- M, Y. (1994). *Practical Organic Chemistry*. Lattakia: Tishreen University Publications. (Taught for second year students of biology at the department of chemistry in the Faculty of Sciences/ Tishreen University).
- M, Y. (1997). *Organic Chemistry 3*. Lattakia: Tishreen University Publications. (Taught for third year students of Mathematics, Physics and Chemistry in the Faculty of Sciences/ Tishreen University).
- M, Y. (2005). *Theoretical Organic Chemistry 3*. Lattakia: Tishreen University Publications. (Taught in the theoretical sessions for third year students of pure chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University).
- M, Y. (2005). *Practical Organic Chemistry 3*. Lattakia: Tishreen University Publications. (Taught in the practical sessions for third year students of pure chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University).
- M, Y. (2005). *Practical Organic Chemistry 4*. Lattakia: Tishreen University Publications. (Taught in the practical sessions for third year students of pure chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University).

- M, Y. (2016). *Organic Industries 1*. Lattakia: Tishreen University Publications. (Taught in the theoretical sessions for third year students of applied chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University).
- M, Y. (2017). *Lectures in Biochemistry*. Al-Andalus University Publications. (taught for first year students of Nursing at Al-Andalus University)
- M, Y. (2016). *Lectures in Applied Sciences-Physics and Chemistry*. Al-Andalus University Publications. (taught for first year students of Nursing at Al-Andalus University)
- M, Y. (2018). *Practical Organic Industries 1*. Lattakia: Tishreen University Publications. (Taught in the practical sessions for third year students of applied chemistry at the department of chemistry in the Faculty of Sciences/ Tishreen University).

### **Supervised and Co-supervised MA and PhD theses:**

- T, J. (1996). *The Synthesis of (H<sub>2</sub>) 3 Furanone Based on epoxy-enamino ketone*. Unpublished MA dissertation (Co-supervision)
- N, A. (2010). *Studying the Bio-degradation of Linear Alkylbenzene Compounds and Linear Alkylbenzene Sulfonates*. Unpublished MA dissertation
- A, H. (2010). *Protecting the Environment from Polyethylene Residues by Recycling Them and Using Them in Industry*. Unpublished MA dissertation
- A, S. (2011). *Extracting Some Organic Materials from Sumac Plant and Studying them*. Unpublished MA dissertation
- B, Z. (2015). *Synthesis of 2,6 Diaryl-4- (N,N dimethyl amino) oxy*
- H, M. (2018). *Studying and Identifying the Components of Extracts Taken from Temon Plant*. Unpublished MA dissertation
- A, N. (2020). *The Synthesis of a Polyesteramide from a Lipidic Compound and Studying its Rheological Properties and its Pharmaceutical Applications*. Unpublished PhD thesis.
- H, M. *Extracting Some Biochemical Components from Popsicle plant, Myrrh and Studying its Biological effectiveness*. (In process)

### **Publications:**

- Mousa, Y. (1988). Epoxy-enamino ketone 2- The Synthesis of (H<sub>2</sub>) 3 Furanone. Journal of Heterogeneous Chemical Mixtures, No. 12, Lithuanian Academy of Sciences
- Mousa, Y. (1989). Epoxy-enamino ketone 2- The Synthesis of Dihydropyridine (1,4). Belarusian Journal of Sciences, Vol. 33, No. 9.
- Mousa, Y. (1989). *Epoxy-enamino ketone 2- The Synthesis of 5-site substituted phenylpyrazoles* Belarusian Journal of Sciences, No. 3.
- Mousa, Y. (2007). Optimal Geometric Structures and Thermodynamic Properties of 2-Halogen Ethanal XCH<sub>2</sub>CHO Using Ab Initio with the basis X= F, Br, Cl. Tishreen University Journal, No. 1, Vol. 29,
- Mousa, Y. (2017). Protecting the Environment from the Residues of Industrial Polyethylene by Recycling them for Further Benefit. Tishreen University Journal, No. 4, Vol. 39