

## Professor: Manal A. El-Sheikh

### CV

#### Personal Data:

Name			Nationality	Place of Birth	Date of Birth	Gender	Marital Status
<b>Frist</b>	<b>Middle</b>	<b>Family</b>	Egyptian	Egypt	11-8-1966	Female	Married
Manal	Attalla	El-Sheikh					
<b>General Specialization</b>							
<b>Specialization</b>			Organic Chemistry				
<b>Current Position</b>			Professor				
<b>Scientific Title</b>			<input type="checkbox"/> Other <input type="checkbox"/> Lecturer <input type="checkbox"/> Assistant Professor <input type="checkbox"/> Professor Associate <input checked="" type="checkbox"/> Professor				
<b>Highest degree/ Date</b>			PhD / 2015				
<b>ID Number</b>							
<b>College / Research Center</b>			<b>Department</b>		Pre-Treatment and Finishing of Cellulosic Fibers		
Textile Research Institute, National Research Center, Egypt. (1991-..... ) College of Science, Jouf University, KSA. (2016- .....)					Chemistry		

#### Contact Data:

<b>Address</b>			
<b>Work Phone no. (Internal phone number)</b>		<b>E-mail address</b>	<a href="mailto:dr.manal.elsheikh@gmail.com">dr.manal.elsheikh@gmail.com</a> <a href="mailto:ma.hassanein@nrc.sci.eg">ma.hassanein@nrc.sci.eg</a> <a href="mailto:melsheikh@ju.edu.sa">melsheikh@ju.edu.sa</a> <a href="mailto:maelsheikh@ju.edu.sa">maelsheikh@ju.edu.sa</a>
<b>Home phone number</b>		<b>Personal site</b>	Jouf University (English): <a href="http://events.ju.edu.sa/FMPW/EN/Resmue.aspx?id=MANALelsheikh126">http://events.ju.edu.sa/FMPW/EN/Resmue.aspx?id=MANALelsheikh126</a>

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			<p>Jouf University (Arabic): <a href="http://events.ju.edu.sa/FMPW/AR/Resmue.aspx?id=MANALelsheikh126">http://events.ju.edu.sa/FMPW/AR/Resmue.aspx?id=MANALelsheikh126</a></p> <p>National Research Centre: <a href="https://www.nrc.sci.eg/textile-industries-research-division/">https://www.nrc.sci.eg/textile-industries-research-division/</a></p> <p>Nashir: <a href="http://www.ju.edu.sa">Upload Proposal - Nashir (ju.edu.sa)</a></p> <p>Linkedin: <a href="http://www.linkedin.com/pub/manal-el-sheikh/40/4bb/682">http://www.linkedin.com/pub/manal-el-sheikh/40/4bb/682</a> ResearchGate: <a href="https://www.researchgate.net/profile/Manal_El-Sheikh/">https://www.researchgate.net/profile/Manal_El-Sheikh/</a></p> <p>Google Scholar: <a href="http://scholar.google.com.eg/citations?user=rqRSyVEAAAJ&amp;hl=en">http://scholar.google.com.eg/citations?user=rqRSyVEAAAJ&amp;hl=en</a></p> <p>Scopus: <a href="https://www.scopus.com/authid/detail.uri?origin=resultslist&amp;authorId=26633790400&amp;zone=">https://www.scopus.com/authid/detail.uri?origin=resultslist&amp;authorId=26633790400&amp;zone=</a></p> <p>Web of Science: <a href="https://www.webofscience.com/wos/author/record/H-7009-2014">https://www.webofscience.com/wos/author/record/H-7009-2014</a></p> <p>Orcid number: <a href="https://orcid.org/0000-0001-5148-5755">https://orcid.org/0000-0001-5148-5755</a></p> <p>Publons Researchers: <a href="https://publons.com/researcher/2514524/manal-a-el-sheikh/">https://publons.com/researcher/2514524/manal-a-el-sheikh/</a> Web of Science: <a href="#">El-Sheikh, Manal A. - Web of Science Core Collection</a></p> <p>Academia: <a href="https://nrc.academia.edu/ManalAEISheikh">https://nrc.academia.edu/ManalAEISheikh</a></p> <p>Loop: <a href="https://loop.frontiersin.org/people/2364681/overview">https://loop.frontiersin.org/people/2364681/overview</a></p> <p>Google personal site: <a href="https://www.sites.google.com/site/drmanalelsheikh">https://www.sites.google.com/site/drmanalelsheikh</a></p> <p>Twitter: <a href="https://www.twitter.com/Manal_EISheikh">https://www.twitter.com/Manal_EISheikh</a></p> <p>Facebook: <a href="http://www.facebook.com/dr.manal.elsheikh">http://www.facebook.com/dr.manal.elsheikh</a></p>
<b>Mobile</b>		<b>Fax</b>	
<b>Mailbox</b>	<b>Postal code</b>		

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#### Education (Bachelor, Master, PhD, Other):

Degree	University	Collage	Scientific Department	Qualification	Date	Specialization	
						General	Specific
Ph.D.	Cairo (Egypt) & Leeds (UK) Joint Scholarship	Faculty of Science & School of Textile	Chemistry & Department of Colour Chemistry	-----	2001	Chemistry	Organic Chemistry
M.Sc.	Helwan	Faculty of Science	Chemistry	-----	1992	Chemistry	Chemistry
Pre-Master	Helwan	Faculty of Science	Chemistry	Very good	1988	Chemistry	Chemistry
Bachelor	Helwan	Faculty of Science	Chemistry	Very good	1987	Chemistry	Chemistry

#### Employment Qualifications:

Job	Job Title	University Degree	Workplace	Date		Work duty	Years of Experience/years
				From	To		
<b>Research Professor</b>	Professor of Textile Chemistry and Technology	PhD	National Research Centre, Textile Research Institute	1991	To date		More than 30
<b>Teaching Professor</b>	Professor of Organic Chemistry Courses	PhD	Jouf University	2016	To date	Teaching of Organic Chemistry related Courses	Seven
<b>Academic</b>	Co-Ordinator of Chemistry Department	PhD	Jouf University, KSA	2018	2020	Managerial work	Two

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<b>Academic</b>	Supervisor of Laboratory Unit	PhD	Girls Section, Faculty of Science and Arts, Jouf University, KSA. (Sep. 2020- till now)	2020	2022	Managerial work	Two
<b>Academic</b>	Member of Scientific Committee	PhD	Girls Section, Chemistry Department, Faculty of Science and Arts, Jouf University, KSA. (Sep. 2020- till now)	Sep. 2021	Till now	Managerial work	One
<b>Academic</b>	Member of Postgraduate Studies Committee	PhD	Girls Section, Chemistry Department, Faculty of Science and Arts, Jouf University, KSA. (Sep. 2020- till now)	2020	2021	Managerial work	one
<b>Academic</b>	Co-Ordinator of Laboratory Committee	PhD	Girls Section, Faculty of Science and Arts, Jouf University, KSA. (Sep. 2020- till now)	2020	2021	Managerial work	one
<b>Academic</b>	Professor	PhD	Jouf University, KSA	2016	Till now	Teaching for undergraduate students	Four

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<b>Research</b>	Professor	PhD	National Research Centre, Egypt	2015	Till now	Research, Publications, Theses supervision, Projects, Conferences, Committee.	Five
<b>Research</b>	Associate Professor	PhD	National Research Centre, Egypt	2010	2015	Research, Publications, Theses supervision, Projects, Conferences, Committee.	Five
<b>Academic</b>	Associate Professor	PhD	Helwan University, Egypt	2010	2011	Teaching for undergraduate students	One
<b>Research</b>	Researcher	PhD	National Research Centre, Egypt	2001	2010	Research, Publications, Theses supervision, Projects, Conferences, Committee.	Nine
<b>Research</b>	Assistant Researcher	Master	National Research Centre, Egypt	1992	2001	PhD student, Research, Projects.	Nine
<b>Research</b>	Research Assistant	Master	National Research Centre, Egypt	16 Sep.1992-	4 Nov.1992	Research, Projects.	3 months
<b>Research</b>	Chemist	Bachelor	National Research Centre, Egypt	1989	1992	MSc student, Research, Projects.	3 months

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<b>Academic</b>	Teacher	Bachelor	Al-Zahraa Primary School, Egypt	1987	1988	Teacher for Primary School students	One
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### Research Activities:

#### 1- Evaluation of Promotion articles

University / Research Institute	Country	Promotion Degree	Number of Articles	Date	Notes
North Borden University	KSA	Associate Professor	15	10-01-2022	Completed
Taiba University	KSA	Professor	20	08-05-2022	Completed
North Borden University	KSA	Associate Professor	10	20-7-2023	Completed

### Research Activities:

#### 2- Evaluation of Research articles

Journal	Number of Articles	Publisher	Country	Field	Rank	IF/ SJR	Date
Carbohydrate Polymers	75	Elsevier	UK	Materials Chemistry	Q1	10.723	2008-2023
Textile Research Journal	5	Sage	USA	Fibers, fibrous assemblies and textiles	Q1	2.455	2020-2021
International Journal of Biological Macromolecule	4	Elsevier	Netherlands	Biochemistry	Q1	8.052	2016-2020
Carbohydrate Polymer Technologies and Applications	2	Elsevier	UK	Analytical Chemistry	Q1	0.74	2020-2021
Anti-Cancer Agents in	2	Bentham Science	United Arab	Molecular	Q3	0.43	2020-2021

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Medicinal Chemistry		Publishers B.V.	Emirates	Medicine			
Recent Patents of Anti-Cancer Drug Discovery	2	Bentham Science Publishers B.V.	United Arab Emirates	Drug Discovery	Q2	0.56	2021
Journal of Applied Chemical Science International	2	I.K. Press	India	Chemical Sciences	Q4		2014-2015
Journal of Nanoparticle Research	2	Springer	Netherlands	Chemistry Miscellaneous	Q2	2.533	2013
SN Applied Sciences	2	Springer Nature	Switzerland	Chemical Engineering Miscellaneous	Q2	0.42	2020
Cellulose	1	Springer	Netherlands	Polymer and Plastics	Q1	6.123	2020
Nordic Pulp and Paper Research Journal	1	De Gruyter	Sweden	Forestry	Q2	1.595	2017
Journal of Bioactive and Compatible Polymers	1	Sage	UK	Bioengineering	Q3	2.137	2020
Journal of Carbohydrate Chemistry	1	Taylor and Francis	US	Biochemistry	Q4	1.667	2021
Arabian Journal of Chemistry	1	King Saud University	Saudi Arabia	Chemical Engineering Miscellaneous	Q1	6.212	2017
Egyptian Journal of Chemistry	1	NIDOC	Egypt	Chemistry Miscellaneous	Q3	0.26	2022
Journal of Scientific Research and Reports	1	ScienceDomain International	India	Miscellaneous	----	4.01	2014

### 3- Evaluation of projects

Title	Committee	Organization	Country	Date	Notes
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Preparation, characterization, and application of composite materials	Committee of monitoring, characterizing, and evaluating research projects	National Research Centre	Egypt	2016	
Derivatives of fatty acids as auxiliary materials in the spinning and weaving industry	Committee of monitoring, characterizing, and evaluating research projects	National Research Centre	Egypt	2016	
Textiles containing metallic structures	Committee of monitoring, characterizing, and evaluating research projects	National Research Centre	Egypt	2016	
Engineering Exhibition	Student Exhibition	Giza Local Science and Engineering Exhibition	Egypt	2015	

**Journal / Conference Editorial Board:**

No.	Journal / Conference	Organization	Years
1	Composite Materials (CM)	Science Publishing Group (Science PG)	2016
2	American Journal of Chemistry and Application	American Association for Science and Technology (AASCIT)	2015-2017
3	Journal of Materials Science and Applications	American Association for Science and Technology (AASCIT)	2014-2016
4	Global Conference on Materials Science and Nanotechnology	Global Cognitio Conferences	2016

**Supervision of MSc and PhD Theses:**



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No.	Thesis Title	Degree		University	Year	Collage	Department
		M.Sc.	Ph.D.				
1	Synthesis and Characterization of Superabsorbents Based on Modified Starch for Improving Water and Saline Absorbency	√		Beni Suef University, Egypt.	2018	Faculty of Science	Chemistry
2	Studies on innovative systems based on nano-sized carbohydrate polymer/metal nanoparticles and their applications in medical and other purposes		√	Ein Shams University, Egypt.	2014	Faculty of Science	Chemistry
3	Synthesis, Characterization and Utilization of Modified Chitosan and Cellulose Polymer Blend		√	Ein Shams University, Egypt.	2011	Faculty of Science	Chemistry
4	Acrylamide Derivatives as Addition to Multifinishing Formulations of Cotton Fabrics	√		Helwan University, Egypt.	2005	Faculty of Applied Arts	Dyeing, Printing and Finishing

**Research Projects:**

Position/Title	Organization	Country	Period	Status
PI of “Characteristics of olive oil produced using home oil press machine and utilization of the wastes in synthesis of metal nanoparticles and their medical applications”	Jouf University	Saudi Arabi	2023	Submitted
PI of “Educating kids about the chemistry of medicinal plants and their therapeutic applications”	Jouf University	Saudi Arabi	2023	Submitted
PI of “The role of virtual chemistry laboratory in developing some concepts of chemistry among children with autism”	Jouf University	Saudi Arabi	2023	Rejected
PI of the research project : (DSR-2021-03-03182) entitled: “Synthesis of the new “carboxymethyl	Jouf University	Saudi Arabia	2021- 2022	Running

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chitosan-silver nanoparticles- ginger nanocomposite”, characterization and medical applications”.				
PI of the research point P100301 “Conductive polymers based on modified polysaccharides stabilized AgNPs using photoinitiator/UV system and utilization in manufacturing of elastic photovoltaic cells”.	National Research Centre	Egypt	2015-2016	Finished
PI of the project E90302 “New eco friendly methods for the preparation of nano silver and its utilization in different textile processes”.	National Research Centre	Egypt	2011-2013	Finished
PI of the project 8/24/5 “Natural Bio-polymers for Biodegradable Plastics”.	National Research Centre	Egypt	2002-2004	Finished
Member of the project 4226 “Innovative Hydrogels Based on Carbohydrates to improve Efficiency of Water-Use for Agricultural Purposes (Sandy-Lands Reclamation)”.	The Academy of Scientific Research and Technology	Egypt	2012-2014	Finished
Member of the project 8040307 “Polysaccharides and Preliminary Treatments and Finishing”.	National Research Centre	Egypt	2007-2010	Finished
Member of the project 7030202 “Sizing and Sizing Agents”.	National Research Centre	Egypt	2004-2007	Finished
Member of the project 7030204 “Special Finishing”	National Research Centre	Egypt	2004-2007	Finished
Member of the project 7030205 “Preparation of Ion Exchangers”	National Research Centre	Egypt	2004-2007	Finished
Member of the project 7030207 “Substances Based on Environmental Wastes for Pollution Removal”	National Research Centre	Egypt	2004-2007	Finished
Member of the project “Development of productive processes to increase the competitiveness of textile industries”	The Academy of Scientific Research and Technology	Egypt	1999-2002	Finished
Member of: “Development of Sizing Agents and	The Academy of Scientific	Egypt	1989-1993	Finished

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Sizing Process”	Research and Technology			
Member of: “Preparation of Hydrogel Substances Based on Starch”	The Academy of Scientific Research and Technology	Egypt	1989-1993	Finished
Member of: “Preparation of High Viscosity Substances Based on starch”	The Academy of Scientific Research and Technology	Egypt	1989-1993	Finished
Member of: “Increasing of Dyes Uptake”.	The Academy of Scientific Research and Technology	Egypt	1989-1993	Finished
Participation in industrial application of some research work (1993).	National Research Centre	Egypt	1993	Finished

### Publications (Articles):

No.	Title	Publisher	DOI/ISBN	Year
1	Preparation, characterization, and antibacterial efficacy of green aromatic soap Manal A. El-Sheikh; Aisha El-Sharary.	Egyptian Journal of Chemistry, 65 (11), 385-393	10.21608/ejchem.2022.120902.5424	2022
2	Spectrophotometric studies on the removal of some metal ions and methylene blue dye from their aqueous solutions using new absorbents <b>Manal A. El-Sheikh</b> ; Ghadeer Almulhim; Hanan Alenazi; Yasah Al ruwailia; Haya Al ruwaili; Tahani Al enazi	Egyptian Journal of Chemistry, 63 (9), 3401-3408	10.21608/ejchem.2020.27225.2566	2020
3	A novel method for the preparation of conductive methyl cellulose-silver nanoparticles-polyaniline-nanocomposite <b>Manal A. El-Sheikh</b> ; Amal Al-Enezy; Fatema El-Enezy; Dalil Ashammri; Fatema El-Enezy; Waad Alrowili	Egyptian Journal of Chemistry, 63 (9), 3567-3582	10.21608/ejchem.2020.27264.2568	2020

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<b>4</b>	Superabsorbent hydrogel based on sulfonated-starch for improving water and saline absorbency. Zain, G., A. A. Nada, <b><u>M. A. El-Sheikh</u></b> , F. A. Attaby and A. I. Waly	International Journal of Biological Macromolecules, 115: 61-68.	10.1016/j.ijbiomac.2018.04.032	2018
<b>5</b>	New technique in starch nanoparticles synthesis. <b><u>El-Sheikh, M. A.</u></b>	Carbohydrate Polymers, 176, 214-219.	10.1016/j.carbpol.2017.08.033	2017
<b>6</b>	A novel photo-grafting of acrylamide onto carboxymethyl starch. 1. Utilization of CMS-g-PAAm in easy care finishing of cotton fabrics. <b><u>El-Sheikh, M. A.</u></b>	Carbohydrate Polymers, 152, 105-118.	10.1016/j.carbpol.2016.06.088	2016
<b>7</b>	Synthesis, characterization, release kinetics and toxicity profile of drug-loaded starch nanoparticles. El-Naggar, Mehrez E., El-Rafie, M. H., <b><u>El-sheikh, M. A.</u></b> , El-Feky, Gina S. and Hebeish, A.,	International Journal of Biological Macromolecules, 81, 718-729.	10.1016/j.ijbiomac.2015.09.005	2015
<b>8</b>	Synthesis of conductive elastic film and conductive fabric based on crosslinked carboxymethyl starch-AgNPs composite. (Conference paper) <b><u>M. A. El-Sheikh</u></b>	2015 TechConnect World Innovation Conference, Expo and National Innovation Summit, Maryland, U.S.A.	ISBN: 978-1-4987-4730-1	2015
<b>9</b>	Utilization of Crosslinked Starch Nanoparticles as a Carrier for Indomethacin and Acyclovir Drugs. Gina S.El-Feky, M. H. El-Rafie, , <b><u>M. A. El-Sheikh</u></b> , Mehrez E. El-Naggar, and A. Hebeish	Journal of Nanomedicine & Nanotechnology, 6, 1-8.	10.4172/2157-7439.1000254	2015
<b>10</b>	One step photopolymerization of N, N-methylene diacrylamide and photocuring of carboxymethyl starch-silver nanoparticles onto cotton fabrics for durable antibacterial finishing. <b><u>M.A. El-Sheikh</u></b> and H.M. Ibrahim.	International Journal of Carbohydrate Chemistry, 2014, 1-9	10.1155/2014/380296	2014
<b>11</b>	A novel photo-synthesis of carboxymethyl starch-stabilized silver nanoparticles.	The Scientific World Journal, 2014, 1-11.	10.1155/2014/514563	2014

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	<u><b>M.A. El-Sheikh</b></u>			
<b>12</b>	Enhancement of flame retardancy and water repellency properties of cotton fabrics using silanol based nano composites. Amina L. Mohamed, <u><b>Manal A. El-Sheikh</b></u> , Ahmed I. Waly,	Carbohydrate Polymers, 102, 727-737.	10.1016/j.carbpol.2013.10.097	2014
<b>13</b>	Ultra-fine Characteristics of Starch Nanoparticles Prepared Using Native Starch With and Without Surfactant. A. Hebeish, M. H. El-Rafie, <u><b>M. A. El-Sheikh</b></u> , and Mehrez E. El-Naggar,	Journal of Inorganic and Organometallic Polymers and Materials, 24, 515–524	10.1007/s10904-013-0004-x	2014
<b>14</b>	Antimicrobial Wound Dressing and Anti-inflammatory Efficacy of Silver Nanoparticles. A. Hebeish, M. H. El-Rafie, <u><b>M.A. El-Sheikh</b></u> , Amany A. Seleem and Mehrez E. El-Naggar.	International Journal of Biological Macromolecules, 65, 509–515.	10.1016/j.ijbiomac.2014.01.071	2014
<b>15</b>	Ultra-Microstructural features of perborate oxidized starch. A. Hebeish, M. H. El-Rafie, A. A. Rabie, <u><b>M.A. El-Sheikh</b></u> , and Mehrez E. El-Naggar.	Journal of Applied Polymer Science, 131, 1-9.	10.1002/App.40170	2014
<b>16</b>	Synthesis of poly acrylamide-g-carboxymethyl starch silver nanoparticles composite and its corresponding hydrogel. <u><b>M.A. El-Sheikh</b></u>	Proceedings of the 7th Aachen-Dresden International Textile Conference, Aachen		2013
<b>17</b>	Nanostructural Features of Silver Nanoparticles Powder Synthesized through Concurrent Formation of the Nanosized Particles of Both Starch and Silver A. Hebeish, M. H. El-Rafie, <u><b>M.A. El-Sheikh</b></u> and Mehrez E. El-Naggar,	Journal of Nanotechnology, 2013, 1-10.	doi:10.1155/2013/201057	2013

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<b>18</b>	Photosynthesis of carboxymethyl starch-stabilized silver nanoparticles and utilization to impart antibacterial finishing for wool and acrylic fabrics <b>M.A. El-Sheikh</b> , L.K. El-Gabry and H.M. Ibrahim	Journal of Polymers, 2013, 1-9	10.1155/2013/792035	2013
<b>19</b>	Green synthesis of hydroxyethyl cellulose-stabilized silver nanoparticles <b>M.A. El-Sheikh</b> , S.M. El-Rafie, E.S. Abdel-Halim and M.H. El-Rafie	Journal of Polymers, 2013, 1-11.	10.1155/2013/650837	2013
<b>20</b>	Carboxymethyl Chitosan/Viscose Blended Films: Preparation, Characterization and Antibacterial Properties N. Y. Abou-Zied, A. I. Waly, N. G. Kandile, A.A. Rushdy, <b>M.A. El-Sheikh</b> and H.M. Ibrahim	Journal of Materials Science and Engineering with Advanced Technology, 4, 93-123.		2013
<b>21</b>	Processes of Dyeing, Finishing and Flame Retardancy of Cellulosic Textiles in the Presence of Reactive Tertiary Amines A. Waly, M. M. Marie, N. Y. Abou-Zeid, <b>M.A. El-Sheikh</b> and A.L. Mohamed.	Research Journal of Textile and Apparel, 16, 66-84	10.1108/RJTA-16-03-2012-B007	2012
<b>22</b>	Preparation, characterization and antibacterial properties of cyanoethylchitosan/cellulose acetate polymer blended films N.Y. Abou-Zeid, A. I. Waly, N.G. Kandile, A.A. Rushdy, <b>M.A. El-Sheikh</b> and H.M. Ibrahim	Carbohydrate Polymers, 84, 223-230.	DOI 10.1016/j.carbpol.2010.11.026	2011
<b>23</b>	Photo-oxidation of rice starch. Part I: Using hydrogen <b>M. A. El-Sheikh</b> , M. A. Ramadan, A. El-Shafie.	Carbohydrate Polymers, 80, 266–269	10.1016/j.carbpol.2009.11.023	2010
<b>24</b>	Carboxymethylation of maize starch at mild conditions (2010). <b>M.A. El-Sheikh</b>	Carbohydrate Polymers, 79, 875–881.	10.1016/j.carbpol.2009.10.013	2010
<b>25</b>	Photo oxidation of rice starch II. Using a water soluble photo initiator <b>M. A. El-Sheikh</b> , M. A. Ramadan, A. El-Shafie	Carbohydrate Polymers, 78, 235–23.	10.1016/j.carbpol.2009.03.034	2009

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26	Photo grafting of acrylamide onto carboxymethyl starch I. Utilization of the product in easy care finishing of cotton fabric <b><u>M. A. El-Sheikh</u></b>	Proceedings of the 3 <sup>rd</sup> Aachen-Dresden International Textile Conference, Aachen		2009
27	Special Finishing of Cotton to Impart Flame-Retardancy, Easy Care Finishing and Antimicrobial Properties A. Waly, N. Y. Abou-Zeid, M. M. Marie, <b><u>M.A. El-Sheikh</u></b> and A.L. Mohamed.	Research Journal of Textile and Apparel, 13, 10-26.	10.1108/RJTA-13-03-2009-B002	2009

**Authoring Books/Book Chapter**

No.	Book Chapter / Book Title	Publisher	ISBN/DOI	Authors/ Co-Author	Edition	Chapter no.	Number of Pages	Book Language	Publication Date
1	“A Novel Photosynthesis of Carboxymethyl Starch-Stabilized Silver Nanoparticles: Experimental” In: “Investigation Innovations in Science and Technology”	B P International	Print ISBN: 978-93-5547-089-8 eBook ISBN: 978-93-5547-093-5 10.9734/bpi/ist/v4/7463D	Manal A. El-Sheikh	First	6	69-83	English	2022
2	Synthesis, Characterization and Medical Applications of	Scholar’s Press	978-3-639-76360-7	Ali A. Hebeish, Mohammed H. El-Rafie,	First	---	366	English	2015

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	Nano Starch.			Manal A. El-Sheikh , Mehrez E. El-Naggar					
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**Participation in scientific conferences and symposiums**

No.	Title of the conference or symposium	Held in	Year
1	ACS Fall 2023 Oral – Virtual Presentation, [CELL] Division of Cellulose and Renewable Materials. “Novel curcumin-silver nanoparticles-methyl cellulose nanocomposite, preparation, characterization, and medical applications”.	USA San Francisco, CA & Hybrid August 13 - 17	2023
2	ACS Fall 2023 Oral – Virtual Presentation, [CELL] Division of Cellulose and Renewable Materials. “Novel cinnamon-methyl cellulose-silver nanocomposite, preparation, characterization, and cotton fabric finishing”.	USA San Francisco, CA & Hybrid August 13 - 17	2023
3	ACS Fall 2022 Oral – Hybrid Presentation, Session: Advances in Renewable Materials “Synthesis of a novel carboxymethyl chitosan-silver-nanocomposite, characterization, and antimicrobial efficacy”	USA Marriott Marquis, Chicago, Great Lakes G.	2022
4	The 8th Global Conference on Polymer and Composite Materials (PCM 2021), August 16-19, 2021 (Invited speaker) Photo synthesis of poly acrylamide-g-carboxymethyl starch silver nanocomposite and the corresponding hydrogel	Macau, China / ONLINE via MS Teams	2021
5	The 9 <sup>th</sup> Student Forum (Supervised student for a research work entitled “Preparation of elastic conductive polymers using nanotechnology تحضير بوليمرات مرنة موصلة للكهرباء باستخدام تقنية النانو”).	Jouf University, Al-Jouf, KSA	2019
6	The 9 <sup>th</sup> Student Forum	Jouf University, Al-	2019



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	(Supervision of students for a research work entitled “Cotton fabrics with color and smell of herbs (”أقمشة بلون ورائحة الأعشاب”).	Jouf, KSA	
	The 8 <sup>th</sup> Student Forum (Supervised a student for a research work entitled “Dyeing and Antibacterial Fabric Finishing using Local Herbs (”صباعة وتجهيز اقمشة مضادة للبكتريا باستخدام اعشاب محلية”).	Jouf University, Al-Jouf, KSA	2018
	The 8 <sup>th</sup> Student Forum (Supervised a student for a working paper entitled “The Treasure Buried in the Reserves of Kingdom of Saudi Arabia (”الكنز المدفون في محميات المملكة العربية السعودية”).	Jouf University, Al-Jouf, KSA	2018
7	2015 TechConnect World Innovation Conference, Expo and National Innovation Summit	Maryland, U.S.A.	2015
8	The 3 <sup>rd</sup> National Conference for the National Campaign for Textile Industry, Recent Manufacturing Technologies and Human and Administrative Development	NRC, Giza, Egypt	2015
9	All-Energy 2014	Aberdeen, UK	2014
10	7 <sup>th</sup> Aachen-Dresden International Textile conference.	Aachen, Germany	2013
11	2 <sup>nd</sup> Conference for Industrial Textile Researches “Manpower Development, Manufacturing Technologies” Management in the Textile Industries.	NRC, Giza, Egypt	2013
12	1 <sup>st</sup> Conference of Scientific Research Output”	Cairo, Egypt	2012
12	7 <sup>th</sup> International Conference of Textile Research Division, National Research Centre: Current and Prospective Innovations in Chemistry & Technology of Textiles.	NRC, Giza, Egypt	2010
13	3 <sup>rd</sup> Aachen-Dresden International Textile conference.	Aachen, Germany	2009
14	6 <sup>th</sup> International Conference of Textile Research Division, National Research Centre: Textile Processing: State of The Art & Future Developments”	NRC, Giza, Egypt	2009
15	4 <sup>th</sup> International Conference of Textile Research Division, National Research Centre, Egypt: Textile Processing: State of The Art & Future Developments.	Giza, Egypt	2007
16	2 <sup>nd</sup> International Conference of Textile Research Division, National Research Centre, Egypt: Textile Processing: State of The Art & Future Developments.	Giza, Egypt	2005
17	1 <sup>st</sup> International Conference of Textile Research Division, National Research Centre, Egypt: Textile Processing: State of The Art & Future Developments.	Giza, Egypt	2004
18	ACS (American Chemical Society) National Meeting” No. 213.	San Francisco, CA, USA	1997

**Professor: Manal A. El-Sheikh**

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**Teaching Experience:**

University	Faculty	Department	Country	Course name	Date
Helwan University	Faculty of Science	Chemistry	Egypt	Organic Chemistry	2011
				Textile Chemistry	
<b>Jouf University</b>	<b>Faculty of Science and Arts</b>	<b>Chemistry</b>	<b>Saudi Arabia</b>	<b>Theoretical Courses</b>	2016-2023)
<b>(Modern Plan)</b>					
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Industrial Chemistry CHM 489 (Theoretical)	
				Organometallic Chemistry CHM421 (Theoretical)	
				Principles of Organic Chemistry (1) CHM241 (Theoretical)	
				Natural Products CHM346 (Theoretical)	
				Organic Reaction Mechanism CHM344 (Theoretical)	
<b>Old Plan</b>					
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Spectra of organic compound CHEM 342 (Theoretical)	

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				Organic Reaction Mechanism CHEM441 (Theoretical)	
				Heterocyclic Organic Chemistry CHEM340 (Theoretical)	
				Chemistry of Transition Elements CHEM320 (Theoretical)	
				Principles of Organic Chemistry 1 CHEM240 (Theoretical)	
				Natural Products CHEM440 (Theoretical)	
				Chemistry of Main Groups CHEM 220 (Theoretical)	
				Photochemistry CHEM431 (Theoretical)	
				Polymer chemistry CHEM341 (Theoretical)	
				Organometallic chemistry CHEM322 (Theoretical)	
				Petrochemical Industries CHEM457 (Theoretical)	
<b>Jouf University</b>	<b>Faculty of Science and Arts</b>	<b>Chemistry</b>	<b>Saudi Arabia</b>	<b>Practical Courses</b>	
<b>Modern Plan</b>					
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Field Training CHM498 (Practical)	

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Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Practical Inorganic Chemistry (1) CHM222
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Practical Organic Chemistry (1) (CHM243)
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Practical Organic Chemistry (2) (CHM441)
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Natural Products CHM346 (Practical)
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Methods of Instrumental Analysis CHM351 (Practical)
<b>Old Plan</b>				
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Principles of Organic Chemistry 1 CHEM240 (Practical)
				Research Project CHEM498 (Practical)
				Heterocyclic Organic Chemistry CHEM 340 (Practical)
				Chemical Thermodynamic CHEM 230 (Practical)
				Polymer chemistry CHEM 341 (Practical)
				Petrochemical Industries CHEM 457 (Practical)
				Methods of electrochemical analysis CHEM 351 (Practical)
				General physics 1 PYSC 001 (Practical)

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Jouf University	First Joint Year Deanship	Basic Science Department	Saudi Arabia	Chemistry CHM 103 (Theoretical)	2018-2019
Jouf University	First Joint Year Deanship	Basic Science Department	Saudi Arabia	Introduction to Biochemistry IB 002 (Theoretical)	
Jouf University	First Joint Year Deanship	Basic Science Department	Saudi Arabia	Chemistry CHM 103 (Practical)	
Jouf University	Faculty of Science and Arts First Joint Year Deanship	Chemistry Basic Science Department	Saudi Arabia Saudi Arabia	Online education via Blackboard Collaborate Ultra Online lectures, Electronic homework, Electronic discussion panel, Electronic quizzes, Electronic question pool Exam generation	2016-2023
Jouf University	Faculty of Science and Arts	Chemistry	Saudi Arabia	Onsite and online academic and social student advising	2016-2023

**Awards and honors:**

No.	Award	Awarded by	Specialization	Date
	Certificate of	Elsevier Advisory Panel	Research Advice	2021& 2022

## Professor: Manal A. El-Sheikh

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	appreciation			
<b>1</b>	Certificate of Thanks and Appreciation	Civil Defense Department in Qurayyat Governorate	Active participation in the success of the World Civil Defense Day 2022 exhibition	2022 & 2023
<b>2</b>	Certificate of Appreciation	Director Customer Discovery & Innovation, Elsevier	Participation as active member of the Elsevier Advisory Panel	2021
<b>3</b>	Certificate of Excellence in Reviewing	Journal of Pharmaceutical Research International	Reviewing a research Article/Chemistry	2021
<b>4</b>	Certificate of Thanks and Appreciation	Head of Chemistry Department, College of Science and Arts, Jouf University	Participation in the Scientific Meeting of Chemistry Department	2021
<b>5</b>	Letter of Thanks and happy new year wishes	Executive Chairman and CEO, Clarivate	Take the time to provide feedback in 2020	2020
<b>6</b>	Certificate of Appreciation	Director Customer Discovery & Innovation, Elsevier	Participation as active member of the Elsevier Advisory Panel	2020
<b>7</b>	Letter of Thanks	Elsevier Reviewer Experience Team	Thanks for being a reviewer	2020
<b>8</b>	Certificate of Thanks and Appreciation	Dean of the College of Science and Arts, Jouf University	On the occasion of the end of the work period as coordinator for the Department of Chemistry for the Female Section, I extend my sincere thanks and gratitude to the Excellency for the efforts made throughout the work period, as her contributions testify to the extent of the concern and devotion to the college and university.	2018-2020
<b>9</b>	Certificate of Thanks and Appreciation	Al Birr Charitable Society	Outstanding and distinguished participation in preparing the	2019

## Professor: Manal A. El-Sheikh

### CV

			orphans program	
<b>10</b>	Certificate of Thanks and Appreciation	Deanship of Community Service and Continuing Education, Jouf University, KSA.	Active participation and distinguished efforts in presenting a workshop entitled "How to create your research identity"	2019
<b>11</b>	Certificate of Thanks and Appreciation	Deanship of Community Service and Continuing Education, Jouf University, KSA.	Active participation and distinguished efforts in presenting a workshop entitled "My library is in my pocket"	2019
<b>12</b>	Certificate of Thanks and Appreciation	Vice dean of Faculty of Science and Arts, Qurayyat, Jouf University, KSA	Third place of the Department of chemistry in the tidiness and arrangement among the departments of the college	2019
<b>13</b>	Certificate of Thanks and Appreciation	Dean of Student Affairs, Jouf University	Reviewing and arbitration of research papers in the 9th Scientific Forum for Jouf University students	2019
<b>14</b>	Certificate of Thanks and Appreciation	Dean of Student Affairs, Jouf University	Supervision of two research papers in the 9th Scientific Forum for Jouf University students	2019
<b>15</b>	Certificate of Thanks and Appreciation	Dean of Faculty of Science and Arts, Qurayyat, Jouf University	Outstanding efforts in scientific supervision and participation in the university to win fifth place in the "work papers"	2018
<b>16</b>	Certificate of Thanks and Appreciation	Dean of Student Affairs, Jouf University	Participation in the 8 <sup>th</sup> Scientific Forum for Jouf University students	2018
<b>17</b>	"Distinguished Applied and Applicable Research Output" Certificate	National Research Centre, Egypt	Day of Fulfillment 2016	2016



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<b>18</b>	“Distinguished Impact Factor (3.916)” Certificate	National Research Centre, Egypt	Day of Fulfillment 2015	2015
<b>19</b>	“Distinguished Impact Factor (3.096)” Certificate	National Research Centre, Egypt	Day of Fulfillment 2015	2015
<b>20</b>	Award of the late Prof. Mohamed Kamel Mahmoud in the field of development of the technology used in textile industries	Academy of Scientific Research and Technology, Egypt	Annual State and Individual Awards	2014
<b>21</b>	Who's Who in Science and Engineering 2016-2017 (12th Edition)	Marquis Who's Who Publications, USA	Annual Publications	2016
<b>22</b>	Who's Who in the World 2012 (29th Edition)	Marquis Who's Who Publications, USA	Annual Publications	2012
<b>23</b>	Top 100 Scientists 2012.	International Biographical Centre, Cambridge, England	The 2012 World Forum	2012
<b>24</b>	Man of The World 2012	American Biographical Institute Inc., Oxford, England	The 2012 World Forum	2012
<b>25</b>	Great Minds of twenty Century	American Biographical Institute Inc., Oxford, England	The 2012 World Forum	2012
<b>26</b>	RJTA Excellent Paper Award 2009 for “Special Finishing of Cotton to Impart Flame-Retardancy, Easy Care Finishing and Antimicrobial Properties”.	Institution of Textile and Apparel, Japan	Annual Excellent Paper Award	2009

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#### Membership of specialized committees and associations:

No.	Committee	Period	Place
1	American Chemical Society (ACS). Membership No. 2211090.	Feb. 2018-Till now 1997-1999	USA
2	Laboratory unit	Sep. 2020-2022	Faculty of Science and Arts, Jouf University, KSA
3	Scientific Committee	2020-2021	Faculty of Science and Arts, Jouf University, KSA
4	Postgraduate Studies Committee	2020-2021	Faculty of Science and Arts, Jouf University, KSA
5	University goals follow-up committee	Sep. 2020-Till now	Faculty of Science and Arts, Jouf University, KSA
6	E-Learning Committee	Sep. 2020-2021	Faculty of Science and Arts, Jouf University, KSA
7	Teaching load schedules and tests committee	Sep. 2020-2021	Faculty of Community Jouf University, KSA
8	Scientific Research Committee	Sep. 2020-2021	Faculty of Community Jouf University, KSA
9	Quality and Academic Accreditation Committee	Aug 2019-2020	Faculty of Science and Arts, Jouf University, KSA
10	Laboratory warehouse committee	Aug 2019-Till now	Faculty of Science and Arts, Jouf University, KSA
11	Committee of “Tour on the girls colleges complex facilities”	Jan 2019-Feb. 2019	Girls College Complex, Jouf University, KSA
12	Conferences and Seminars Committee	Sep. 2018- 2019	Faculty of Science and Arts, Jouf University, KSA
13	Committee of “limit and destroy test papers”	Sep. 2018-Till now	Faculty of Science and Arts, Jouf University, KSA
14	Teaching load schedules and tests committee	Feb. 2018-2020	Faculty of Science and Arts, Jouf University, KSA
15	International Society of Business Leaders (ISoBL). Member ID 1587930.	Feb. 2018- 2019	USA
16	The Follow-up and Performance Measurement	Sep. 2017- 2018	Faculty of Science and Arts, Jouf University, KSA

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	Committee		
17	The Laboratory Committee	Nov. 2017- 2018	Faculty of Science and Arts, Jouf University, KSA
18	The Committee of Studying the academic records of the College of Arts and Sciences	Dec. 2017-Till now	Faculty of Science and Arts, Jouf University, KSA
19	Laboratories and Laboratory Equipment, Chemistry Department, Faculty of Science and Arts,	2016- Till now	Faculty of Science and Arts, Jouf University, KSA
20	Graduate Studies and Research Committee, Chemistry Department.	2016- 2018	Faculty of Science and Arts, Jouf University, KSA
21	Alumni and Employment Affairs Committee, Chemistry Department, Faculty of Science and Arts, Al-Jouf University, Saudi Arabia, 2016-2017.	2016- 2018	Faculty of Science and Arts, Jouf University, KSA
22	Council of Chemistry Department	2016-Till now	Faculty of Science and Arts, Jouf University, KSA
23	The committee of arbitrators in “The Standing Committee of Applied Organic Chemistry	2015-2016	National Research Centre, Egypt
24	Egyptian Syndicate of Scientific Professions.	1987- Till now	Cairo, Egypt
25	Council of Pre-Treatment and Finishing of Cellulosic Fibres Department	2009-2010	Textile Research Division, National Research Centre, Egypt
26	Council of Textile Research Division	2001-2016	Textile Research Division, National Research Centre, Egypt
27	The Egyptian Society for Textile Science and Technology	1999-Till now	National Research Centre, Egypt
28	The Egyptian Society for Polymer Science and Technology	2010-Till now	National Research Centre, Egypt
29	Junior Scientists Association, National Research Centre, Egypt	2010-2015	National Research Centre, Egypt

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<b>30</b>	The committee of scientific and cultural ties-	2012-2013	Textile Research Division, NRC
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**Training courses and workshops:**

<b>No.</b>	<b>courses / workshop</b>	<b>Specialization</b>	<b>Held in</b>	<b>Year</b>	<b>Role</b>
1	Safety and security in laboratories	World Civil Defense Day	Oasis mole, Al-Qurayyate, Al-Jouf, KSA	2022	Presenter
2	Green methods for synthesis of metal nanoparticles	Education	College of Science and Art, Jouf University, KSA	2021	Presenter
3	Smart fabrics and their importance in our lives	Education	College of Science and Art, Jouf University, KSA	2021	Presenter
4	Recycling of food waste and its utilization in making organic fertilizers	Education	College of Science and Art, Jouf University, KSA	2021	Presenter
5	How to create your research ID	Research	College of Science and Art, Jouf University, KSA	2019	Presenter
6	My library is in my pocket	Education & Research	College of Science and Art, Jouf University, KSA	2019	Presenter

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7	How to create your own electronic library and manage your references in theses and in research articles using Endnote	Education & Research	College of Science and Art, Jouf University, KSA	2018	Presenter
8	Benefits and harms of sun exposure	Education	College of Science and Art, Jouf University, KSA	2018	Presenter
9	Introduction to polymers	Education	College of Science and Art, Jouf University, KSA	2018	Presenter
10	Introduction to organic chemistry	Education	College of Science and Art, Jouf University, KSA	2018	Presenter
11	Fabric with color and smell of herbs	Education	College of Science and Art, Jouf University, KSA	2018	Presenter
12	Electronic reference management program	Research	College of Science and Art, Jouf University, KSA	2017	Presenter
13	Eco-friendly methods for the preparation of metal/metal oxides nanoparticles	Research	College of Science and Art, Jouf University, KSA	2017	Presenter
14	Reviewer Lab	Research	American Chemical Society	2021	Attending

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15	Business incubators and accelerators	Research & Society	Innovation and Entrepreneurship Center, Jouf University	2020	Attending
16	Developing entrepreneurial ideas	Research & Society	Innovation and Entrepreneurship Center, Jouf University	2020	Attending
17	Nano- Accelerate Your Research with our Nature Research Solution	Research	The Saudi Digital Library (SDL)	2020	Attending
18	Riyadh International Standards Summit		SASO, Riyadh, KSA	2020	Attending
19	Conductive Polymers and their Applications	Research	College of Science, Basra University, Iraq	2020	Attending
20	Graphene and Reduced Graphene Oxide Production and Applications	Research	College of Science, Basra University, Iraq	2020	Attending
21	Medical Organic Chemistry	Research	College of Science, Basra University, Iraq	2020	Attending
22	Organic Semiconductors	Research	College of Science, Basra University, Iraq	2020	Attending
23	Plastic and Environmental Protection from Chemical Waste	Research	College of Science, Basra University, Iraq	2020	Attending
24	Silicon Polymers	Research	College of Science, Basra University, Iraq	2020	Attending

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25	Plastic and Environmental Protection from Chemical Waste	Research	College of Science, Basra University, Iraq	2020	Attending
26	Optimal employment of assessment tools in the Blackboard e-learning management system	Education	Committee of Deans of E-Learning and Distance Education in Saudi Universities, Mistry of Education	2020	Attending
27	Graphene and Reduced Graphene Oxide Production and Applications	Research	College of Science, Basra University, Iraq	2020	Attending
28	Flame Photometer and its Applications	Research	Al-Sacab Supplies Est., at the College of Science and Art, Jouf University, at the KSA	2020	Attending
29	Key performance indicators for academic programs	Education	Skills Development Center, Jouf University	2020	Attending
30	Public and occupational health and safety requirements in educational and research facilities and equipment	Education	Skills Development Center, Jouf University	2020	Attending
31	Teaching in a creative way	Education	Skills Development Center, Jouf University	2020	Attending
32	Student evaluation mechanisms and their relationship to improving the educational process	Education	Skills Development Center, Jouf University	2020	Attending
33	Conductive Polymers and their Applications	Research	College of Science,	2020	Attending

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			Basra University, Iraq		
34	Medical Organic Chemistry	Research	College of Science, Basra University, Iraq	2020	Attending
35	Organic Semiconductors	Research	College of Science, Basra University, Iraq	2020	Attending
36	Silicon Polymers	Research	College of Science, Basra University, Iraq	2020	Attending
37	Financial intelligence	Finance	Chamber of Commerce & Al-Bashaer Association, Qurayyate, KSA	2020	Attending
38	Consolidating values in Saudi society - a Legitimate and legal vision.	Education	College of Science and Arts, Jouf University	2019	Attending
39	Application of quality standards "QM" in designing electronic courses (first level)	Education	Um Al-Qura University "via Blackboard", KSA	2019	Attending
40	The use of technology in teaching	Research	Skills Development Center, Jouf University, KSA	2019	Attending
41	The mechanism of scientific publication in ISI journals	Research	Skills Development Center, Jouf University	2019	Attending
42	Scientific research methodology	Research	Skills Development Center, Jouf University	2019	Attending



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43	Effective electronic teaching skills	Education	Skills Development Center, Jouf University	2019	Attending
44	The skills of smart devices and applications in research	Research	The Saudi Digital Library (SDL)	2018	Attending
45	How to write a research project according to international standards	Scientific writing	The Saudi Digital Library (SDL)	2018	Attending
46	Oxford Academy has written online as never before tested	Foreign Data bases	The Saudi Digital Library (SDL)	2018	Attending
47	International scientific research arbitration skills	International Arbitration	The Saudi Digital Library (SDL)	2018	Attending
49	eScience - Tips to avoid common mistakes researchers make when writing a research article	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
50	IGI Global Research and Platform Overview for SDL	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
51	Mendeley Training	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
52	Springer Nature Protocols and Methods, Springer Protocols	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
53	Research Ethics - Intellectual Property Rights	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
54	Theoretical and conceptual framework	Scientific writing	The Saudi Digital	2017	Attending

**Professor: Manal A. El-Sheikh**

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			Library (SDL)		
55	Searching in general information resources - Science Direct	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
56	Searching in information resources -Scopus	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
57	Research in engineering and chemistry resources - Nanotechnology	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
58	Training on using the Arabic database KSOB	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
59	Research chapters	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
60	Qualitative data analysis	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
61	Quantitative data analysis	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
62	Introductory course to JOVE	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
63	Research philosophy and methods	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
64	Research methodologies	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending

**Professor: Manal A. El-Sheikh**

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65	Skills of using data base engines	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
66	Publishing skills in Arab and foreign journals	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
67	IGI Global Research and Platform Overview for SDL	Scientific writing	The Saudi Digital Library (SDL)	2017	Attending
68	Studies on the synthesis and chemical reactions of some new nitrogen containing heterocyclic compounds for biological evaluation	Chemistry	Faculty of Science and Arts, Qurayyate KSA	2017	Attending
69	Communicating Science and Academic Research	Research	DAAD Kairo Akademie, Cairo, Egypt.	2016	Attending
70	TOT (Training of Trainers)	Training	National Research Centre, Egypt	2016	Attending
71	Marketing for Higher Education	Marketing/University	DAAD Kairo Akademie, Cairo, Egypt	2016	Attending
72	Medical Applications of Inorganic Nanoparticles	Science/Nano	National Research Centre, Egypt	2016	Attending
73	Photoshop	Computer/software	National Research Centre, Egypt	2016	Attending
74	Success in international scientific writing and publishing for the Natural Sciences	Research/writing	DAAD Kairo Akademie, Cairo, Egypt	2016	Attending
75	Textile Engineering and Technology	Science/Textile	National Research	2016	Attending

**Professor: Manal A. El-Sheikh**

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			Centre, Egypt		
76	Change Management in Higher Education	Management/University	DAAD Kairo Akademie, Cairo, Egypt	2016	Attending
77	Managing Innovation in Academia	Research/Innovation	DAAD Kairo Akademie, Cairo, Egypt	2016	Attending
78	Research Leaders (Heads of Departments)	Leadership	National Research Centre, Egypt	2015- 2016	Attending
79	Mind Mapping	Leadership	National Research Centre, Egypt	2015	Attending
80	Competitive Research Proposal Writing	Research/writing	DAAD Kairo Akademie, Cairo, Egypt	2015	Attending
81	Introduction to Technology Enabled Learning	Electronic Education	DAAD Kairo Akademie, Cairo, Egypt	2015	Attending
82	Principles of Assessment	Education/Assessment	DAAD Kairo Akademie, Cairo, Egypt	2015	Attending
83	Strategic Steering with the Balanced Scorecard	Management	DAAD Kairo Akademie, Cairo, Egypt	2015	Attending
84	Quality Management	Management	DAAD Kairo Akademie, Cairo, Egypt	2015	Attending
85	Patent Problems	Research/Patent	National Research Centre, Egypt	2015	Attending

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86	Publishing in high ranked journals	Research/Publishing	National Research Centre, Egypt	2015	Attending
87	Working with Literature & Citations	Research/Publishing	DAAD Kairo Akademie, Cairo, Egypt	2014	Attending
88	Managing Difficulties by Peaceful Means	Management	DAAD Kairo Akademie, Cairo, Egypt	2014	Attending
89	Developing a Personality of a Leadership	Leadership	DAAD Kairo Akademie, Cairo, Egypt	2014	Attending
90	Research Management	Research/ Management	DAAD Kairo Akademie, Cairo, Egypt	2013	Attending
91	Leading in Times of Change	Leadership	DAAD Kairo Akademie, Cairo, Egypt	2013	Attending
92	Formulation and writing Project Proposals	Research/ Writing	National Research Centre, Egypt	2013	Attending
93	Entrepreneurial Development	Entrepreneurship	DAAD Kairo Akademie, Cairo, Egypt	2013	Attending
94	Information Day Specific Program “PEOPLE” of the EU 7th R&D Framework Programme	Research/Scholarships	National Research Centre, Egypt	2013	Attending
95	Team building for Team leaders	Leadership	DAAD Kairo Akademie, Cairo, Egypt	2012	Attending
96	Chemical Safety and Security	Safety/Laboratories	National Research	2012	Attending

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			Centre, Egypt		
97	International Scientific Publishing	Research/Publishing	National Research Centre, Egypt	2012	Attending
98	Recent Trends in the Spinning & Weaving Industry and Garments to Serve the Community	Textile	National Research Centre, Egypt	2011	Attending
99	Electron Microscope	Science/Analysis	National Research Centre, Egypt	2010	Attending
100	Scientific basis for using chromatographic analysis device HPLC	Science/Analysis	National Research Centre, Egypt	2010	Attending
101	Training Course in Nano Science and Technology	Science/Nano	Beni Seuf University, Egypt	2010	Attending
102	3rd Workshop and Training School on Low Cost Plasma Technology Application in Industry, Environment and Medicine	Science/Plasma	Al-Azhar University, Egypt	2009	Attending
103	Principles of Scientific Presentation	Presentation	National Research Centre, Egypt	2009	Attending
104	Scientific Writing Lab	Research/Writing	National Research Centre, Egypt	2009	Attending
105	Small and medium textile industries: the way to remove obstacles and ways to raise them	Textile	National Research Centre, Egypt	2009	Attending
106	Towards a safe and healthy woman's life	Woman/Health	National Research Centre, Egypt	2009	Attending

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107	Evaluation of the performance and ecological properties of textile products according to the ECOTEX 200 specifications - environmentally cleaner production in textile industries	Textile	Alexandria, Egypt	2002	Attending
108	Computer maintenance	Computer/Maintenance	National Research Centre, Egypt	2009	Attending
109	Excel	Computer/Software	National Research Centre, Egypt	1999	Attending
110	Different Computer Courses	Computer/Software	Leeds University\ UK	1995	Attending
111	SPSS	Computer/Software	National Research Centre, Egypt	1994	Attending
112	Principles of Data Bases	Computer/Software	National Research Centre, Egypt	1994	Attending
113	Introduction to Computers	Computer/Software	National Research Centre, Egypt	1993	Attending
114	Introduction and BASIC language	Computer/Software	National Research Centre, Egypt	1993	Attending
115	Arab Word (AW)	Computer/Software	National Research Centre, Egypt	1993	Attending
116	DOS operating system	Computer/Software	National Research Centre, Egypt	1993	Attending
117	Reclamation of soluble sizes	Textile	Academy of Scientific Research and	1992	Attending

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**CV**

			Technology, Cairo, Egypt.		
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**Skills:**

<b>Organizational / managerial skills</b>	1	Supervisor of Laboratory Unit, Girls Section, Faculty of Science and Arts, Jouf University, KSA. (2020-till now
	2	Coordinator of Chemistry Department, Girls section, Faculty of Science and Arts, Jouf University, KSA. (2018-2020)
	3	PI of the research point P100301 financed by NRC (2015-2016).
	4	PI of the project E90302 with a team work of 7 people financed by NRC (2011-2013).
	5	PI of the project 8/24/5 with a team work of 8 people financed by NRC (2001-2003).
	6	Supervised MSc and PhD Theses.
	7	Supervised research projects for final year undergraduate students
<b>Research-related skills</b>	1	Textile fabric and carpet testing through the “Special Character Unit”, NRC.
	2	Chemical modifications of textiles and carbohydrate polymer (oxidation, esterification, etherification, grafting, crosslinking, grafting, hydrolysis) and their testing.
	3	Cotton, wool, polyester fabric finishing and dyeing
	4	Synthesis and characterization of nanoparticles
	5	UV-Vis spectroscopy, Fluorescent microscope, and FTIR testing
	6	Discussions of FTIR, TGA, DSC, SEM, TEM, EDAX, XRD testing results



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	7	Writing and Publishing research articles
	8	Reviewing articles for many international peer reviewed journals
	9	Reviewing research work submitted for promotion
<b>Teaching skills</b>	1	Participation in preparing Chemistry Programmes for undergraduate and postgraduate students at the Faculty of Science and Arts, Jouf University, KSA
	2	Participation in preparing course specification, courses report and course file for undergraduate students at the Faculty of Science and Arts, Jouf University, KSA.
	3	Participation in Quality and Academic Accreditation duties for the Chemistry department at Faculty of Science and Arts, Jouf University, KSA.
<b>Computer Skills</b>	1	Good command of Windows.
	2	Good command of Microsoft Office (Word, Excel, PowerPoint).
	3	Good command of Endnote.
	4	Good command of ChemDraw
	5	Good command of Photoshop
	6	Good command of Electronic Learning (Blackboard)
	7	Good command of Adobe Acrobat Professional.
	8	Good command of Internet (Google, Facebook, Twitter, Skybe, ResearchGate, LinkedIn, Scopus)
<b>Communication Skills</b>	1	Excellent communication skills gained through using Facebook either for my personal page or for being admin of pages related to my job.
	2	Good communication skills gained during my membership of “The committee of scientific and cultural ties”, Textile Research Division, National Research Centre, Egypt.

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	3	Good communication skills gained through my experience in being “Secretary of Department Council” National Research Centre, Egypt.	
	4	Very good communication skills gained from being a speaker at the American Chemical Society National Meeting No. 213, San Francisco, CA and at “International Conference of Textile Research Division” No. 2 and 6, National Research Centre, Egypt.	
	5	Very good communication skills gained through poster presentation at the 3 <sup>rd</sup> and 7 <sup>th</sup> Aachen-Dresden International Textile conferences, Aachen, Germany.	
	6	Very good communication skills gained through my experience from the Scientific Mission to Martin-Luther University, Germany (16-30/4/2013).	
	7	Excellent communication skills gained through my experience as a postgraduate student to the University of Leeds, UK (1995-1997).	
	8	Very good communication skills gained through attending the modules of the DAAD Kairo office, Egypt.	
	9	Very good communication skills gained through teaching undergraduate students at Helwan University, Egypt	
	<b>Personal Skills</b>	1	Car Driving Licence
		2	Handmade Works
3		Planting	
4		Poultry farming	

**Community, cultural and volunteer contributions:**

No.	activity	Type of activity	Period
	Participation in “World Civil Defense Day”	Participation	2023
<b>1</b>	Participation in “World Civil Defense Day”	Organizer and Presenter	1-5 March 2022

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2	Outstanding and distinguished participation in preparing the orphans program	volunteer	June-Aug 2019
3	How to create your research ID	Community	4 hours, 2020
4	My library is in my pocket	Community	4 hours, 2020
5	Teaching Textile Engineering and Technology, to a delegation from South Africa	Theoretical and practical teaching	2016
6	Arbitration in the Giza Local Science and Engineering Exhibition for the academic year 2015-2016, Egypt	Arbitration of students' work	One day on Dec. 2015
7	Summer training for students of the Faculties of Science, Egypt	Theoretical and practical teaching	Two weeks in both 2009 & 2015
8	Chemistry Ambassador, American Chemical Society (Chemistry for life)	Share of posts and links in the field of chemistry education for the ACS, U.S.A.	Since 2013
9	Participation in the work of units of a special nature	Scientific analysis and consultation	1992-2015
10	TV recording in the program "Young Scientist" for the Egyptian Scientific Research Channel	Dialogue on the textile industry	22-9-2009
11	Admin of the scientific page "وقل اعملوا" <a href="https://web.facebook.com/%D9%88%D9%82%D9%84-%D8%A7%D8%B9%D9%85%D9%84%D9%88%D8%A7-305850356110608/">https://web.facebook.com/%D9%88%D9%82%D9%84-%D8%A7%D8%B9%D9%85%D9%84%D9%88%D8%A7-305850356110608/</a>	Share of posts and links of scholarships, conferences, workshops, projects, and scientific papers	Since 2011

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<b>12</b>	Teaching "Engineering Technology and Textile Testing", to a delegation from Saudi Arabia	Theoretical and practical teaching	From 10-30 March 2003
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#### Administrative positions

No.	Position	Organization	Country	Period
1	Supervisor of Laboratory Unit, Girls Section,	Faculty of Science and Arts, Jouf University	KSA	(2020- till now)
2	Coordinator of Chemistry Department, Girls section	Jouf University	KSA	2018-2020
3	PI of the research point P100301 "Conductive polymers based on modified polysaccharides stabilized AgNPs using photoinitiator/UV system and utilization in manufacturing of elastic photovoltaic cells	National Research Centre	Egypt	2015
4	PI of the project E90302 "New eco friendly methods for the preparation of nano silver and its utilization in different textile processes" Team of 7 people	National Research Centre	Egypt	2011-2013
5	PI of the project 8/24/5 "Natural Bio-polymers for Biodegradable Plastics. Team of 8 people.	National Research Centre	Egypt	2002-2004

#### Languages:

Language	Speaking	Writing	Reading
Arabic	Excellent	Excellent	Excellent
English	Excellent	Very good	Very good

#### References:

No.	Name	Job	Address	E-Mail	Tel.
1	Prof. Dr. Mohamed M.	Professor of Textile Chemistry and	National Research Centre, Egypt. Email:	<a href="mailto:mhashem22@hotmail.com">mhashem22@hotmail.com</a>	00201098982478

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	Hashem,	Technology, Vice Dean for Research and Ex Head of Textile Research Division			
<b>2</b>	Prof. Dr. Mohammed Mabrouk ElMolla	Professor of Organic Chemistry	Faculty of Science and Arts, Qurayyat, Jouf University.	<a href="mailto:mmelmolla@ju.edu.sa">mmelmolla@ju.edu.sa</a>	00966534050763