

Curriculum Vita of Prof. Nayef Al-Muaikel

Name			Nationality	Place of Birth	Date of Birth	Gender	Marital Status
First	Middle	Family	Saudi	Sakaka-El-Jouf	1375 H	Male	Married
Nayef	Salh	Al-Muaikel					
General Specialization							
Specialization			Chemistry				
Specialization			Organic Chemistry				
Current Position			Professor, Chemistry department, Faculty of Science, Jouf University, KSA				
Scientific Title			Professor				
Highest degree/ Date			1420 H				
ID Number			1022888141				
College			Science	Department	Chemistry		

Contact Data:

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Home phone number		Personal site	
Mobile	0504440885	Fax	
Mailbox		Postal code	

Education (Bachelor, Master, PhD, Other):

No.	Qualification	Date	Degree	University	Collage	Scientific Department	Specialization	
							General	Specific
1	Bachelor	1399 H	Very good	King Saud University	Faculty of Education	Chemistry Department	Chemistry	chemistry
2	Master	1406 H	Very good	Bridgeport University	Faculty of Science	Chemistry Department	Chemistry	Organic chemistry
3	Ph D	1420 H	Very good	King Saud University	Faculty of Science	Chemistry Department	Chemistry	Organic Chemistry

Employment Qualifications:

Job Title	University Degree	Workplace	Date	Work duty		Years of Experience
				From	To	
Teacher	-	Sakaka High School	1406 H	1406 H	teaching	1 year
Assistance professor	-	Teachers College	1406 H	1415 H	teaching	9 year
Dean of Teachers College	-	Teachers College	1420 H	1428 H	Dean	8 year
Dean of Pharmacy College	Jouf University	Pharmacy College	1432 H	1436 H	Dean	4 year
Vice president	Jouf University	Jouf University	1434 H	1437 H	Vice president	3 year

Participation in scientific conferences and symposiums

No.	Title of the conference or symposium	Held in	Year
1	Participate in the symposium of the university and the community 1434. - Al-Jouf University.	Saudia Arabia	1434 H
2	Participation in the Economic Forum organized by the University 1435 e.	Saudia Arabia	1435 H

Training courses and workshops:

No.	courses / workshop	Specialization	Held in	Year
1	Renewable Energy Workshop	Renewable Energy	Jouf University, Faculty of Science	2019
2	تحكيم بحوث الملتي الطلابي التاسع لطلاب وطالبات جامعة لبحوف	بحوث طلابية	Jouf University, Faculty of Science	2019
3	Surface science and its application	Surface Chemistry	Jouf University, Faculty of Science	2017

Languages:

language	Speaking	Writing	Reading
English	Very good	Very good	Very good

Scientific Publication

- Kamal I. Ali, Osama Younis, **Nayef S. Al-Muaikel**, Ahmed A. Atalla, Abu-bakr A.A.M. El-adasy, Ahmed R. Abdellah, "Novel polyhydrazides and polyoxadiazoles based on 1,3,4-thiadiazole moiety in the main chain with high thermal stability, good solubility, and notable antimicrobial activity, *J. Appl. Polym. Sci.*, **2019 DOI:10.1002/app.47770**
- Kamal I. Ali, Osama Younis, **Nayef S. Al-Muaikel**, Ahmed A. Atalla, Abu-bakr A.A.M. El-adasy, Mahmoud A. Hussein, Ahmed R. Abdellah, "Novel copolyhydrazides and copolyoxadiazoles based 1,4-phenyl linkage and 1,3,4,-thiadiazole moiety in the polymer main chain to induced glass transition and to improve the thermal stability, solubility and antimicrobial activity" *J. Polymer research* (**2019**) 26:51
- Kamal I. Ali, **Nayef S. Al-Muaikel**, Mona A. Abdel-Rahman and Amal H. Tolba "Liquid crystalline polymers XVI*. Thermotropic liquid crystalline copoly (arylidene-ether)/TiO₂ nanocomposites: synthesis, characterization and applications", *Liquid Crystals*, **45 (2018) 187-203**.
- Kamal I. Ali, **Nayef S. Al-Muaikel**, Mahmoud A. Hussein, Mona A. Abdel-Rahman, Amal H. Tolba, "Liquid Crystalline behavior of polymers: fundamentals, synthesis and characterization, MedCrave Group LLC, **2018**
- Salem S. Al-Diab and **Nayef S. Al-Muaikel**. "Synthesis of New N-(tri-n-butyltin) maleimide and copolymerization with styrene" Presented. in the first National symposium on material" . Riyadh, 30 Nov-Dec (1998)
- **Nayef S. Al-Muaikel** and Salem S. Al-Diab. "Synthesis of N-(tri-n-butyltin) maleimide /methyl/methacrylate and N-Vinyl-2- Pyrrolidinone copolymers". Ahmed S. Al-Obied. *International Jour. of Chem.* Vol.9, No.1, (1999).
- **Nayef S. Al-Muaikel**, Salem S. Al-Diab and Hamad Z. Alkhatlan. "Radical copolymerization and characterization of N-(tri-n-butyltin) maleimide monomer with styrene methyl/methacrylate and N-vinyl-2-pyrrolidinone". *Asian Journal of Chemistry*, Vol. (11) No 4 (1999).
- **Nayef S. Al-Muaikel**, Salem S. Al-Diab, Ali A. Al-Salamah and M.A. Zaid. "Synthesis and characterization of Novel organotin monomers and co-polymers and their antibacterial activity". *Journal of applied polymer science* p 740-745 (2000).
- **Nayef S. Al-Muaikel**, Salem S. Al-Diab and Hamad Z. Alkhatlan. "Synthesis of New Di(tri-n-butyltin) citraconate and Its copolymer". *J.KSU*, Vol. 12 Science (1) pp.25-30 Riyadh (2000).
- **Nayef S. Al-Muaikel**, and Salem S. Al-Diab. "Synthesis and characterization of new Heterocyclic Organotin Monomer and Copolymer". paper presented in 7th IBN SINA int.conf. on pure and applied Heterocyclic Chem. March 25-28 (2000).
- **Nayef Al-muaikel**. "Synthesis and characterization of new heterocyclic organotin monomer and copolymer". *J. Saudi Chem. Soc, Saudi Arabia*. Vol. 1 No. 1, pp 89-96. (2002).

- **Nayef Al-muaikel**, Talaat El-Emary. "Synthesis and Antimicrobial Activity of Some New Heterocycles Based On 3-Methyl-1-Phenyl-5-Benzene Sulfonamido Pyrazole Phosphorous, Sulfur and Silicon. 177:195-210. (2002).
- **Nayef Al-muaikel**. " Synthesis and characterization of new un-saturated polyesters and copolymers containing azo groups in the main chain". European polymer journal 39:1025-1033. (2003).
- **Nayef Al-muaikel**, Talaat El-Emary. "Synthesis and characterization of new polyhydrazides based on 2,5-bis(mercapto-acetohydrazide)-1,3,4 – thidiazole moiety". European polymer journal. 39:211. (2003).
- **Nayef Al-muaikel**. "New polyhydrazides and polyoxadiazoles containing Aliphatic, Aromatic and Thianthrene Moieties in the main chain". Arab Gulf journal of Scientific research. 21(3),pp. 168-176. (2003).
- **Nayef Al-muaikel**. "Thermotropic liquid crystalline poly (hydrazone-ether)s containing thidiazole moiety in the main chain". Polymer International. 53:301-306. (2004).
- Maged Berghot, **Nayef Al-muaikel**. "Chlorosulphonation of 2-anilino-1,4-Naphthoquinone and Synthesis of Newer Sulphonyl Derivatives". Phosphorus, Sulfur, and Silicon and related Elements. Vol. 179 pp 1907-1922. (2004).
- **Nayef Al-muaikel**. Yossry Denior, Talaat El-Emry. "The effect of computer-assistance teaching on the achievement and attitude towards General Chemistry for the Faculty of teachers in GoffJournal of Educational Research". Vol. 5 No. 1, pp 81-123. (2006).
- **Nayef S. Al-muaikel**, T. I. El-Emary, Kamal I. Aly. " Synthesis and Characterization of New Polyketones and Copolyketones based on Difurfurylidencyclopentanone". J. of Saudi Chem. Soc. 10 (1), 149. (2006).
- **Nayef S. Al-muaikel**, Mohamed M. Hassanien, Talaat I. El-Emary. "Application of local clay loading with methylene blue, as new sorbent for separation and preconcentration of mercury in presence of iodide from water samples". (2007). Mekka Conference.
- **Nayef S. Al-muaikel**. "Synthesis and properties of new polyKetones and copolyketones based on Difurfuryldine acetone". Arabian Journal of Chemistry. Vol. 1, No.3, 271-280. (2008).
- **Nayef S. Al-muaikel**, Kamal I. Aly, Mohamoud A. Hussein. "Syntheses, Characterization and antimicrobial properties of new poly (ether-ketone)s and copoly (ether-ketone)s containing diarylidencyclo-alkanone moieties in the main chain". Journal of Applied Polymer Science Vol. 108, pp 3138-3147. (2008).
- **Nayef S. Al-muaikel**, Kamal I. Aly. " Synthesis, Thermal properties and antibacterial activity of New polyketones and copolyketones based on 2,6-bis furfurylidene N-methyl piperidone", presented in Taibah international chemistry conference, March 23-25, 2009.

- **Nayef S. Al-muaikel**, Sammani A. Shokralla. " Thermal Properties of Epoxy (DGEBA)/ Phenolic Resin (NOVOLAC) Blends". Arabian Journal for Science and Engineering. Vol. 35, No. 1B. (2010).
- Mohamed Hassanien, Khaled El-sherbini, **Nayef Al-muaikel** "Immobilization of methylene blue onto bentonite and its application in the extraction of mercury (II)". Journal of Hazardous Materials. Vol. 178, pp 94-100. (2010).
- **Nayef S. Al-muaikel**. "Study of Physico-chemical Properties of Direct Compression Metronidazole Tablets made from Cassava Strach". Journal of Pharmaceutics and Cosmetology. Vol. 1, pp 26-31. (2011).
- **Nayef S. Al-muaikel**. "Liquid Crystalline Polymers XIII Main Chain Thermotropic Copoly (arylidene-ether)s containing 4-tertiery butyl-cyclohexanone moiety linked with polymethylene spacers". Journal of organic polymer materials. Vol. 3, No. 1. (2012).
- **Nayef S. Al-muaikel**. "The contribution of bio-polymers to pharmaceutical industry Evaluation of cellulose processed from the hollow stems and leaves of common reed *Phargmets Australis, F. Graminaceae*, as tableting excipient ". European Scientific Journal. Vol. 8, No.30, pp 58-65. (2012)
- Ashraf A. Aly, Esam A. Ishak, MUSAED A. Alsharari, Nayef S. Al-Muaikel and Tarek M. I. Bedair. "Aminonaphthoquinones in Heterocyclization". Journal of Heterocyclic Chemistry. Vol. 49, No. 1, pp. 9–20, (2012).
- Ashraf A Aly, Esam A. Ishak, Mohamed Ramadan, Mousa O. Germoush, Talaat I. El-Emary and **Nayef S Al-muaikel**. "Recent Report on Thieno[2,3-d] pyrimidines. Their Preparation Including Microwave and Their Utilities in Fused Heterocycles Synthesis". Journal of Heterocyclic Chemistry. Vol. 50, No. 3, pp. 451–472, (2013).
- Fouad Almomani and **Nayef Al-muaikel** "Detection of Phytoplasma from deferent infected hosts in Jordan based on PCR amplification of the 16S rDNA sequences". Archives of Phytopathology and Plant Protection, Vol. 47, No. 16, 1974–1978, (2014).
- **Nayef S Al-muaikel**. "Synthesis, Characterization and Antimicrobial Properties of New Unsaturated Polyketones and Copolyketones containing Azo Group in the Main Chain". Aljouf Medical Journal (AMJ). Vol. 1, No.1, pp 11-20. (2014)
- Fouad Almomani and **Nayef S Al-muaikel**. "Molecular Detection of Phytoplasma from Deferent Infected Hosts in Jordan Based on PCR Amplification of the 16S rDNA Sequences". 3rd International Conference on Medical, Biological and Pharmaceutical Sciences (ICMBPS'2014) March 19-20, 2014 Abu Dhabi (UAE)
- **Nayef S Al-muaikel**. "The Contribution of Bio-Polymers to Pharma-ceutical Industry 2. Evaluation of SAS-Lub, A new Bifunctional Tableting Excipient ". European Scientific Journal. Vol. 10, No.3, pp. 356-364. (2014)

- **Nayef S Al-muaikel.** "Novel Conducting Arylidine Polymers and Copolymers Based on Methyl-Cyclohexanone Moiety". Journal of Research Updates in Polymer Science. Vol. 3, No. 2, pp. 97-107. (2014).
- **Nayef S Al-muaikel.** "Synthesis and Characterization of New Polyamides Containing Thianthrene Moiety and Based on Dibenzylidene Derivatives". British Journal of Applied Science and Technology. Vol. 4, No. 29, pp. 4224-4238, (2014).
- Khalid Fandi, **Nayef Al-Muaikel** and Fouad Al-Momani. "Antimicrobial activities of some thermophiles isolated from Jordan hot springs". International Journal of Chemical, Environmental & Biological Sciences. Vol. 2, No. 1, pp. 57-60, (2014)
- **Nayef S Al-muaikel.** "New Synthetic Route to Copoly (Ester-Thioester)s by Direct Polycondensation of Thio-Acids with Diols of Cycloketones Derivatives". Open journal of Organic Polymer Materials. Vol. 6, pp. 76-85, (2016).
- **Nayef S Al-muaikel.** "Novel Polycarbonates via Phosgenation of Unsaturated Diols". journal of Research Updates in Polymer science. Vol. 5, pp. (2016).
- Arafa Musa, **Nayef S Al-muaikel**, and Mohamed S Abdel-bakky. "Phytochemical and Pharmacological Evaluations of Ethanolic Extract of *Bassia eriophora*". Der Pharma Chemica. Vol. 8, No. 12, pp. 169-178, (2016).