

## Dr. Manahil Babiker Elamin



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Computer Science and Information Department  
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### Research Interests:

Organic Synthesis, microwave irradiation, Suzuki coupling Reactions, contaminants

### Language Skills

Arabic, English

### Qualification (Career and University Education)

1994	B. Sc. Degree (Science)	University of Khartoum
1999	M.Sc. Degree (Chemistry)	University of Khartoum?
2011	PhD Degree (Organic Chemistry)	Cairo University

### Career

2001-2011	Lecturer of organic chemistry , Ibn Sinaa University for Medical Science/ Sudan
2011-2013	Assistant professor of organic chemistry, chemistry department , Ibn Sinaa University for Medical Science/ Sudan
2013- 2018	Assistant professor of organic chemistry, chemistry department, Faculty of Science and Humanties, Huttat Sudair.
2018	Assistant professor of organic chemistry, chemistry department, Faculty of Science ,Zolfi

### Publications

Microwave-assisted synthesis of 2-acetyl-5-arylthiophenes and 4-(5-arylthiophen-2-yl)thiazoles via Suzuki coupling in water, *ARKIVOC* 2015 (vii) 50-62

Microwave-Assisted Synthesis of Arylated Pyrrolo[2,1-a]Isoquinoline Derivatives via Sequential [3+2] Cycloadditions and Suzuki-Miyaura Cross-Couplings in Aqueous Medium  
*Journal of Heterocyclic Chemistry*, 2016/ 11

Catalytic activity of some oxime-based Pd(II)-complexes in Suzuki coupling of aryl and heteroaryl bromides in water  
*Arabian Journal of Chemistry*, 2017/5/1

### Teaching Experience

Course name	Course code	Zulfi College of Science	Majmaah University
Mechanism of organic reaction	chem422		

Spectroscopy of organic compounds	Chem423
Physical organic chemistry	Chem223
Chemistry of polymers and petroleum	Chem314
Biochemistry 1	Chem321

#### Conferences

International chemistry conference 2008	Chemistry department, faculty of Science, Cairo University	2008
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#### Training Experience

<b>Methods and Methods of Teaching Faculty of Medicine / University of Khartoum 8-13 November 2003</b>
<b>Language Center for Specialized Translation / University of Cairo / May-20 / June 2010</b>
<b>Rehabilitation of ICDL Faculty of Science / University of Cairo July-August 2010</b>
<b>The Scientific Forum for Academic Advising 12 February 2014</b>
<b>Course of study plans(curriculum) Majmaah University 2 -3 March 2014</b>
<b>Scientific Forum "Assessment of Learning Outcomes" Majmaah University 17 March 2014</b>
<b>Course on Building Learning outcomes and Measuring Tools Majmaah University of / Hawtat Sudair 22 - 23 April 2014</b>
<b>Training of Trainers( TOT) Majmaah University 31/8 - 10/9/2014</b>
<b>Quality Training (TQT) Majmaah University 19 - 29/10/2014</b>

#### Practical Skills

<b>Comprehensive knowledge of Microwave reaction, palladium catalyzed reaction and relevant topics and issues in the teaching discipline.</b>
<b>In-depth knowledge of practical chemistry and modes of course delivery adaptable to a variety of learning style</b>
<b>Knowledge of using current technologies to convey online course content and in the classroom</b>