

ABDULLAH ABDO AHMED MANDA

ASSISTANT PROFESSOR

HEAD OF DEPARTMENT

Personal Data

Department | BASIC SCIENCES AND HUMANITIES

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Office Phone No. | 31697

Links: https://www.researchgate.net/profile/Abdullah_Manda

Language Proficiency

Language	Read	Write	Speak
Arabic	Proficient	Proficient	Proficient
English	Proficient	Proficient	Proficient
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2012	Ph.D	Saudi Arabia	(K.F.U.P.M)
2007	M.Sc	Saudi Arabia	King Fahd University of Petroleum and Minerals (K.F.U.P.M)
1996	B.Sc	Iraq Republic	Baghdad University

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	<i>Effects of acido-basic support properties on the catalytic hydrogenation of acetylene on gold nano-particles</i>
Master	<i>Control of corrosion in steel using polyelectrolyte multilayer nanofilms</i>
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	Imam Abdulrahman bin Faisal		2012- up to date
Lecturer B	King Fahd University of Petroleum and Minerals		2007-2012
Graduate Assistant	IBB University		1999-2002

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head of Department	Basic Sciences and Humanities	January 2016 up to date

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	<u>Walid Al-Kutti</u> ; <u>Muhammad Nasir Megat Azmi Megat Johari</u> ; <u>A.B.M. SaifulIslam</u> ; <u>Abdullah A.Manda</u> ; <u>Nawaf I.Blaisi</u>	An overview and experimental study on hybrid binders containing date palm ash, fly ash, OPC and activator composites	Construction and Building Materials, <u>159</u> , 2018, 567-577
2	J.M. Khoshman* , A.A. Manda , M.E. Kordesch, Jordan	Growth and Optical Characteristics of Jordanian Silica Sand Thin Films	Journal of physics 205 ,8- 2016
3	J.M. Khoshman* , A.A. Manda , M.E. Kordesch,	Near-infrared optical constants and optical polarization properties of ZnO thin films	Thin Solid Films 578 (2015) 147–139
4	Mazen M. Khaled, Basel F. Abu-Sharkh, Abdalla Manda	Method of applying polyelectrolyte multilayer film for corrosion control	US 8613847 B2, Dec. 24, 2013 (Patent)
5	Abdullah A. Mandaa, Hideshi Hattori ¹ , b, and Mohammed A. Al-Daous*,a	Acid-Base Properties of γ -Al ₂ O ₃ and MgO-Al ₂ O ₃ Supported Gold Nanoparticles	<i>Journal of Molecular catalysis A: Chemical</i> 363-364 (2012) 512-520
6	Mazen Khaled, Basel Abu-Sharkh, Amjad Khalil, Abdallah Manda and Esam Amr	Novel Antimicrobial polyelectrolytes nanofilm coatings using layer by layer Technique	<i>The Open Nanomedicine Journal</i> , 2008, 1, 1-4
7	Khaled, M.; Abu-Sharkh, B.; Amr, E.; Yilbas, B. S.; Manda, A. ; Abulkibash, A.	Corrosion properties of 316L stainless steel coated with polyelectrolyte multilayers of varying anionic acidity	<i>Corrosion Engineering, Science and Technology</i> , Volume 42, Number 4, December 2007 , pp. 356-362

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Abdullah Manda, Loay Awwad and Walid AlKutty	Hydrogenation of carbon oxides over gold supported catalysts	2013
2	Walid Al-Kutty, Abdullah Manda, Nabil Al-Akhras	Migration of Chloride ion in Concrete with Fly Ash and Ground Granulated Blast Furnace Slag and subjected to Compressive Damage	2013

Current Researches

#	Research Title	Name of Investigator(s)
1	Synthesis and characterization of gold supported catalysts using sol-gill method	Abdullah Manda, Walid Al-Kutty and Shakeel Ahmed

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution

Membership of Scientific and Professional Societies and Organizations

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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	General Chemistry	221	10 contact hours/week
2	Environmental Chemistry	311	5- contact hours/week

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	General chemistry concepts. Thermo-chemistry, solid-state structures, fundamentals of organic chemistry including polymers. Solution chemistry, kinetics, equilibrium, acids and bases, electrochemistry, and nuclear chemistry. Introduction to atomic theory, chemical reactions, bonding, stoichiometry, nomenclature, gas laws, colligate properties, colloids and solutions. Oxidation-reduction reactions, kinetics. Acid and base equilibrium, buffers, transition elements, solubility, complex ions, hybridization. Laboratory study of the chemical properties and semi-micro qualitative analysis of the representative group elements of the periodic table
2	

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	
2	

Last Update

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