



Imam Mohammad Ibn Saud Islamic University (IMSIU)
College of Science



Teaching Staff Handbook

2023

Department of Physics

Name	Ahmed El-Khayatt
Post	Professor of Radiation and nuclear Physics
Academic career	Ph.D. Nuclear Physics El-Mansora University -Egypt 2005 M.Sc. Nuclear Physics El-Mansora University -Egypt 1999 B.Sc. in Physics Zagazig University-Egypt 1990
Employment	Professor IMSIU -Saudi Arabia 2018 – Present Associate Professor IMSIU -Saudi Arabia 2012-2018 Associate Professor EAEA- Egypt 2012– Present Assistant Professor EAEA- Egypt 2005-2012 Lecture assistance EAEA- Egypt 1999-2005 Research Fellow El-Mansora University -Egypt 1993-1998
Research and development projects over the last 5 years	Development of environmentally friendly glass systems based recycled-waste materials suitable for radiation safety applications in nuclear facilities. <ul style="list-style-type: none"> One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number-IFP-IMSIU202111)/for the amount of SAR 30,000 Preparation and characterization of gadolinium-modified porcelain-bismuth-borate waste glass for radiation shielding applications. <ul style="list-style-type: none"> 18 months project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-20-13-12-031)/for the amount of SAR 130,0000.
Industry collaborations over the last 5 years	Project title: NA Partners: NA
Patents and proprietary rights	NA
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=en&user=-dJYdywAAAAJ&view_op=list_works&sortby=pubdate ORCID ID: 0000-0001-5482-8848 Scopus ID: 26030396700
Activities in specialist bodies over the last 5 years	<ol style="list-style-type: none"> Reviewer of the International Journal Annals of Nuclear Energy (Netherlands); Elsevier journals. Reviewer of the International Journal of “Radioanalytical & Nuclear Chemistry (JRNC)”; Springer journals. Reviewer of the International Journal of “Progress in Nuclear Energy “; Elsevier journals. Reviewer of the International Journal of “Construction and Building Materials “; Elsevier r journals. Reviewer of the “Nuclear Inst. and Methods in Physics Research, A. (NIMA)”; Elsevier journals. Reviewer of the International Journal “Neural Computing and Applications”; Springer journals. Reviewer of the applied radiation and Isotopes; Elsevier journals. Reviewer of the Journal of Radiation Physics and Chemistry; Elsevier journals. Reviewer of the Journal of Radioprotection; Elsevier journals. Reviewer of the Journal of Water, Air, & Soil Pollution; Elsevier journals. Reviewer of the Journal of Nuclear Science and Techniques, NST; Springer journals.

Name	Smail Bougouffa		
Post	Professor of Theoretical Physics		
Academic career	DSc (PhD), Theoretic Phys.	University of Constantine, Algeria.	1990
	Magister (MSc), Theoretic Phys.	University of Constantine, Algeria.	1986
	DES (bachelor's degree), Theoretical Phys,	University of Constantine, Algeria.	1982
Employment	Professor	IMSIU -Saudi Arabia	2016-Present
	Professor	T U. -Saudi Arabia	2008-2016
	Associate Professor	T U. -Saudi Arabia	2005-2008
	Associate Professor	KKU. -Saudi Arabia	2000-2005
Research and development projects over the last 5 years	<p>Quantum Optics & OAM & Theoretical Physics</p> <p>Theoretical physics, Nonlinear problems, and Numerical techniques.</p> <p>One-year project funded the Deanship of Scientific Research at Imam Mohammad ibn Saud Islamic University (IMSIU) (grant number IMSIU-RP23018)/for SAR120000 Partners</p>		
Industry collaborations over the last 5 years	<p>Project title: None</p> <p>Partners: None</p>		
Patents and proprietary rights	Title: None	Year	
Important publications over the last 5 years	<p>1- A Khanfer, L Bougouffa, and S Bougouffa, "A Nonclassical Stefan Problem with Nonlinear Thermal Parameters of General Order and Heat Source Term". <i>Axioms</i> 2024, 13(1), 14.</p> <p>2- L Bougouffa, Smail Bougouffa, and A Khanfer, "Qualitative Analysis on the Electrohydrodynamic Flow Equation". <i>AIMS Mathematics</i> 2024, 9, Issue 1: 775</p> <p>3- S Bougouffa and M Babiker, "Absorption of hybrid fiber modes by Cs atoms in quadrupole transitions", <i>J. Physics B: Atomic, Molecular, and Optical Physics</i>, 56, 215002, 2023.</p> <p>Google Scholar Link: https://scholar.google.com/citations?hl=en&user=HLnP4vUAAAAJ&view_op=list_works&sortby=pubdate ORCID iD: 0000-0003-1884-4861 & Scopus ID: 35613102000</p>		
Activities in specialist bodies over the last 5 years	Journal of Taibah University for Science (IF: 3.45, WOS)	Phys Editor	2012-2016
	IJAS: IMAMU	Phys Editor	2022-Present

Name	Mohamed Abdel Rafea Ibrahim Konsow
Post	Professor of Solid State Physics
Academic career	<p>Ph.D. Solid state physics Cairo University, Egypt 2004</p> <p>Tu-Clausthal Channel system, Germany</p> <p>MSc in Physics Cairo University, Egypt</p> <p>B.Sc. in Physics Helwan University, Egypt 1990</p>
Employment	<p>Professor IMSIU -Saudi Arabia 2018 – Present</p> <p>Associate Professor IMSIU- Saudi Arabia 2014-2018</p> <p>Assistant Professor IMSIU - Saudi Arabia 2012-2014</p> <p>Assistant Professor City for Scientific Research &Technological application, Egypt. 2005-2012</p> <p>Research Fellow National Research Center, Egypt 1990-2005</p>
Research and development projects over the last 5 years	<ul style="list-style-type: none"> Development of a low-cost deposition technology of thin absorber films for thermal solar applications. Funded by KINGDOM OF SAUDI ARABIA National Science, Technology and Innovation Plan, KACST, (Accepted project 2014/1435H) Project Code :13-ENE625-08 (total budget 1,300,000 SR waiting for execution) (the project is started actually from 1/7/1441) One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IFP-IMSIU-2023040). <p>One-year project funded by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) through international partnership (grant number IMSIU-RP23087) .</p>
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>
Patents and proprietary rights	
Important publications over the last 5 years	<p>1. Influence of ZnO nanoparticles on the performance of LED based on oligomer thin films. N. Mustapha, M. Abdel Rafea, O. Aldaghri1, Boutheina Ben Abdelaziz, and K. H. Ibnaouf, J. Materials Science: Materials in Electronics, Vol 32 (2021) 5473–5481</p> <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=1w0FF3wAAAAJ&hl=en</p> <p>ORCID iD: 0000-0002-8291-6797</p>
Activities in specialist bodies over the last 5 years	<p>- 8 final year students projects at Al Imam Mohammad ibn Saud Islamic University</p>

Name	Ali Eid		
Post	Professor of Theoretical physics		
Academic career	Ph.D. Theoretical Physics	Charles University -Czech (Prague)	2000
	M.Sc. in Astrophysics	Cairo University - Egypt	1990
	B.Sc. in Astrophysics	Cairo University - Egypt	1984
Employment	Professor	IMSIU -Saudi Arabia	2020– Present
	Associate Professor	IMSIU - Saudi Arabia	2010-2019
	Professor	CU - Egypt	2017-Now
	Associate Professor	CU – Egypt	2009-2017
	Assistant Professor	CU - Egypt	2000-2009
	Lecture	CU - Egypt	1990- 2000
	Administrator	CU – Egypt	1984-1990
Research and development projects over the last 5 years	Group research 1: IMSIU RG-2109-42 <ul style="list-style-type: none"> IFP-IMSIU-2023-106 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<ul style="list-style-type: none"> Stability of thin shell wormhole in $f(R)$ theory of gravity, Physics of the Dark Universe, 30, 100705, 2020. Stability of a charged rotating BTZ thin shell with a different variable equation of state, Mod. Phys. Lett. A, 36, N.12, 2150086, 2021. Stability of asymmetric thin shell wormhole with a variable equation of state, Mod. Phys. Lett. A, 35, N.26, 2050215, 2020. Dynamics and stability of Bardeen-de Sitter thin shell wormholes, <u>Eid, A.</u> New Astronomy, 98, 101934, 2023. Torsion and shear effect on a Big Rip model in a gravitational field, M.A. Bakry, A. Eid, M.M. Khader, Astrophys. Space Sci (2021) 366:97 Notes on the Big Rip scenario in the linearly varying deceleration parameter model, M. A. Bakry, A. Eid and A. Alkaoud, Pramana – J. Phys. (2022) 96:108. Dynamics and stability of Hayward -de Sitter thin-shell wormhole, A. Eid, A. Alkaoud, New Astronomy, 101, 102021, 2023. Linearly varying deceleration parameter and two scale factors universality, Bakry, MA ; Eid, A ; Alkaoud, A , INDIAN JOURNAL OF PHYSICS, 97, Issue 2, 307-318. For more information about research productivity: GoogleScholarLink: https://scholar.google.com/citations?hl=ar&user=QaiwL_IAAAAJ&view_op=list_works&sortby=pubdate ORCID iD: 0000-0002-4189-0906 Scopus ID:		
Activities in specialist bodies over the last 5 years	Journal of New Astronomy	Reviewer	
	GRG	Reviewer	
	EPJ plus	Reviewer	

Name	Khalid Hassan Ibnaouf		
Post	Professor of laser physics		
Academic career	Ph.D. Laser physics	Alneelain University-Sudan	2008
	M.Sc. in Physics	King Saud University -KSA	2005
	B.Sc. in Physics	Alneelain University-Sudan	1998
Employment	Professor	IMSIU -Saudi Arabia	2021 – Present
	Associate Professor	TU - Saudi Arabia	2014-2021
	Assistant Professor	Imam University - Saudi Arabia	2009-2014
	Assistant Professor	Alneelain University-Sudan	2008-2009
	Assistant Professor	Alneelain University-Sudan	2005-2008
	Lecturer		
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • King Abdulaziz City for Science and Technology supported the establishment of a Laser and Spectroscopy Laboratory via grant number 14-ADV989-08 • One-year research group project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2021. • One-year (international partnership) project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2021. • One-year research group project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023. 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	<ol style="list-style-type: none"> 1. High optical gain laser in pulsed and CW modes from a novel compound of 1-(2H-1,3-benzodioxol-5-yl)-3-[4-(dimethylamino)phenyl]-(2E)-propen-1-one (BDP) Oxide MoO₃ and related materials. (in the registration process). 2. Olive Oil-tuned Broadband Conjugated Polymer Laser Medium. (in the registration process). 3. Thermochromic Brilliance: Harnessing Conjugated Polymers and Curcumin Oil to Fabricate a Thermo-Responsive Sensing System. (in the registration process). 		2024
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=en&user=O15H77AAAAAJ&view_op=list_works&sortby=pubdate ORCID: https://orcid.org/0000-0003-1146-9456 Scopus ID: 10440671600		
Activities in specialist bodies over the last 5 years	NA		

Name	Mohamed Abdellahi Lemine		
Post	Professor of Materials Physics		
Academic career	Ph.D. Materials Physics	University of Lorraine-France	1999
	M.Sc. in Materials Physics	University of Lorraine-France	1995
	B.Sc. in Physics	Nouakchott University-Mauritania	1994
Employment	Professor	IMSIU -Saudi Arabia	2017 – Present
	Associate Professor	IMSIU -Saudi Arabia	2010-2017
	Assistance Professor	IMSIU -Saudi Arabia	2006-2010
	Assistance Professor	KKU - Saudi Arabia	2005-2006
	Assistance Professor	Picardie University – France	2004-2005
	Lecturer	Lorraine University - France	1999-2000
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • III-V Self-Assembled Quantum Dot Lasers (2019-2021, Saudi National Plan for Science and Technology, Funded by King Abdulaziz City for Sciences and Technology (KACST, Saudi Arabia). • Cancer cell treatment through magnetic hyperthermia produced by mechanically milled Co_{1-x}Fe_xO₄ nanocrystalline Funded by Imam Mohammad Ibn Saud Islamic University 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Heating efficiency of Gd-and Co-doped γ-Fe₂O₃ nanoparticles measured by AC magnetometer for magnetic-mediated hyperthermia, Journal of Magnetism and Magnetic Materials 587 (2023)171279 • Green Synthesis of Functional CuFe₂O₄@TiO₂@rGO Nanostructure for Magnetic Hyperthermia and Cytotoxicity of Human Breast Cancer Cell Line, Journal of Inorganic and Organometallic Polymers and Materials volume 33, pages1016–1027 (2023) • Evaluating magnetic and thermal effects of various Polymerylated magnetic iron oxide nanoparticles for combined chemo-hyperthermia, New J. Chem., (2022), <p>For more information about my publications: https://scholar.google.com/citations?hl=en&user=2yKj_iwAAAAJ&view_op=list_works&sortby=pubdate https://orcid.org/0000-0002-2516-3661 https://www.researchgate.net/profile/OM_Lemine2</p>		
Activities in specialist bodies over the last 5 years	Founder of yearly International Conference in Nanosciences and Nanotechnology (ICNN)	Chair	2022- now

Name	Mohamed Hassan Eisa		
Post	Professor of Physics		
Academic career	Ph.D. Nuclear Physica	Fudan University	2005
	M.Sc. in Physics	Nanjing Normal University	1997
	B.Sc. in Physics	Khartoum University	1992
Employment	Professor	IMSIU -Saudia Arabia	2022 – Present
	Associate Professor	IMSIU- Saudia Arabia	2012-2022
	Associate Professor	SUST	2010-2012
	Assistant Professor	SUST	2005-2010
	Lecturer	Sudan University of Science and Technology (SUST)	1999-2005
Research and development projects over the last 5 years	<ul style="list-style-type: none"> Graphene Nanocomposites for Electromagnetic Interference Shielding. Nanocomposite Foams of Polyurethane with Carbon Nanoparticles—Design and Competence towards Shape Memory, Electromagnetic Interference (EMI) Shielding, and Biomedical Fields. Multifunctional Polymeric Nanocomposites for Sensing Applications-Design, Features, and Technical Advancements. Green-Synthesized Graphene for Supercapacitors-Modern Perspectives. Graphene Nanocomposites in Space Sector—Fundamentals and Advancements. One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RP23100)/for the amount of SAR120000 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	For more information about research productivity: Web site : https://scholar.google.com/citations?user=HJKeOTcAAAAJ&hl=en Web site : https://www.journals.elsevier.com/scientific-african/editorial-board/m-h-eisa Web site: https://www.researchgate.net/profile/Mohamed_Eisa Web of Science: Researcher I D: L-7966-2013 · Researcher LinkedIn: https://www.linkedin.com/feed/ ORCID ID: 0000-0003-2058-7307 Scopus Author ID: 8628247100 https://nef.org/scientific-african-team/		
Activities in specialist bodies over the last 5 years	Editor of Scientific African, Elsevier (https://www.journals.elsevier.com/scientific-african/editorial-board/m-h-eisa)	Editorial and Review Board Member	2018-2022 2020 to present
	The Member of Asian Council of Science Editors, https://tsp.scione.com		

Name	Kamal Berrada		
Post	Professor of Theoretical Physics		
Academic career	PhD, Theoretic Phys.	Mohammed –V University, Morocco	2011
	MSc, Condensed Matter Phys.	Chouaib Doukkali University, Morocco.	2007
	BSc, Phys.	Chouaib Doukkali University, Morocco.	2005
Employment	Professor	IMSIU -Saudi Arabia	2021-Present
	Associate Professor	IMSIU -Saudi Arabia	2016-2020
	Assistant Professor	IMSIU -Saudi Arabia	2012-2015
	Teaching Assistant	Mohammed-V University, Morocco.	2008-2010
Research and development projects over the last 5 years	<p>Quantum Optics & Information</p> <p>-Research Group Funding: Deanship of Scientific Research at IMSIU.</p> <p>-One-year project funded by the Deanship of Scientific Research at IMSIU.</p>		
Industry collaborations over the last 5 years	<p>Project title: None</p> <p>Partners: None</p>		
Patents and proprietary rights	Title: None		Year
Important publications over the last 5 years	<p>- K Berrada, A Sabik, EM Khalil, S Abdel-Khalek, Chaos, Solitons & Fractals 178, 114371 (2024).</p> <p>- K. Berrada, B. Raffah, and H Eleuch, Solitons & Fractals 143, 110501 (2021).</p> <p>- E.M. Khalil, K. Berrada, S. Abdel-Khalek, A. Al-Barakaty, and J. Peřina, Scientific Reports 10, 1 (2020).</p> <p>-K. Berrada and H. Eleuch, Physical Review D 100, 016020 (2019). Google Scholar Link: https://scholar.google.com/citations?user=gE1xITYAAAAJ&hl=ar</p>		
Activities in specialist bodies over the last 5 years	<p>-Head of Quality Unit, Physics Department, College of Science, IMSIU.</p> <p>-Member of Academic Plans committee, Physics Department, College of Science, IMSIU.</p> <p>-Reviewer for many scientific international journals.</p>		

Name	Ahmed M. Alkaoud		
Post	Associate Professor of Physics		
Academic career	Ph.D .Solid State Physics	Colorado School of Mines Michigan State University	1999
	M.Sc. in Physics	University	1993
	B.Sc. in Physics	King Saud University	1987
Employment	Associate Professor	IMSIU -Saudi Arabia	2016– Present
	Assistant Professor	IMSIU -Saudi Arabia	2010 until 2016
	Assistant Professor	The Technical College. - Saudi Arabia	1999-2010
Research and development projects over the last 5 years			
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<ul style="list-style-type: none"> Low operating temperature of UV photo-activated In-doped ZnO NO₂ sensors, M Hjiri, A Alkaoud, G Neri, Applied Physics A 129 (12), 861 <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=aWxv5PcAAAAJ&hl=en</p>		
Activities in specialist bodies over the last 5 years	NA		

Name	Osamah Aldaghri		
Post	Associate Professor of Physics		
Academic career	Ph.D. Electronic Engineering	University of Leeds	2014
	M.Sc. in Physics	King Saud University	2006
	B.Sc. in Physics	King Saud University	2001
Employment	Associate Professor	IMSIU -Saudi Arabia	2021 – Present
	Assistant Professor	IMSIU -Saudi Arabia	2015-2021
	Lecturer	IMSIU -Saudi Arabia	2006-2015
	Researcher	King Saud University- Saudi Arabia	2001-2006
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • One-year (Research Group) project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) 2021. • One-year (International partnership) project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) 2021. • One-year (Research Group) project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) 2023. 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	<ol style="list-style-type: none"> 1. High optical gain laser in pulsed and CW modes from a novel compound of 1-(2H-1,3-benzodioxol-5-yl)-3-[4-(dimethylamino)phenyl]-(2E)-propen-1-one (BDP) Oxide MoO₃ and related materials. (In the registration process). 2. Olive Oil-tuned Broadband Conjugated Polymer Laser Medium. (In the registration process). 3. Thermochromic Brilliance: Harnessing Conjugated Polymers and Curcumin Oil to Fabricate a Thermo-Responsive Sensing System. (In the registration process). 		
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=en&user=-mYrbTQAAAAAJ&view_op=list_works&sortby=pubdate ORCID iD: 0000-0001-7990-6099 Scopus ID: 54395014400		
Activities in specialist bodies over the last 5 years	NA		

Name	Abdulaziz Ibraheem Aljameel									
Post	Associate Professor									
Academic career	<table> <tr> <td>Ph.D. Solid state</td> <td>Universiti Sains Malaysia</td> <td>2016</td> </tr> <tr> <td>M.Sc. in laser physics</td> <td>King Saud University King</td> <td>2008</td> </tr> <tr> <td>B.Sc. in physics</td> <td>Abdulaziz University</td> <td>1998</td> </tr> </table>	Ph.D. Solid state	Universiti Sains Malaysia	2016	M.Sc. in laser physics	King Saud University King	2008	B.Sc. in physics	Abdulaziz University	1998
Ph.D. Solid state	Universiti Sains Malaysia	2016								
M.Sc. in laser physics	King Saud University King	2008								
B.Sc. in physics	Abdulaziz University	1998								
Employment	<table> <tr> <td>Asso Professor</td> <td>IMSIU -Saudi Arabia</td> <td>2023 – Present</td> </tr> <tr> <td>Assis Professor</td> <td>IMSIU -Saudi Arabia</td> <td>2016-2023</td> </tr> <tr> <td>Lecturer Teaching assistant Teacher</td> <td>IMSIU -Saudi Arabia at Teachers College, Hail Ministry of Education</td> <td>2008-2016 at the 2001-2007 1998-2000</td> </tr> </table>	Asso Professor	IMSIU -Saudi Arabia	2023 – Present	Assis Professor	IMSIU -Saudi Arabia	2016-2023	Lecturer Teaching assistant Teacher	IMSIU -Saudi Arabia at Teachers College, Hail Ministry of Education	2008-2016 at the 2001-2007 1998-2000
Asso Professor	IMSIU -Saudi Arabia	2023 – Present								
Assis Professor	IMSIU -Saudi Arabia	2016-2023								
Lecturer Teaching assistant Teacher	IMSIU -Saudi Arabia at Teachers College, Hail Ministry of Education	2008-2016 at the 2001-2007 1998-2000								
Research and development projects over the last 5 years	<ul style="list-style-type: none"> Solar Cells and Optoelectronic Devices, Micro & Nano electronics devices and Nano Physics & Technology and Laser Physics One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RP23068)/for the amount of SAR120000 									
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>									
Patents and proprietary rights	NA									
Important publications over the last 5 years	<ul style="list-style-type: none"> Role of 4d electrons in room temperature ferromagnetism, and thermoelectric properties of Sr_2CrXO_6 ($X = Nb, Mo$) for spintronic applications; Materials Chemistry and Physics, 15 January 2024, 128643 Study of curie tempereature, spin polarization, ferromagnetism and transport behavior of Ba_2CrXO_6 ($X = Ta, W, Re, Os$) for spintronic ; Journal of Physics and Chemistry of Solids, January 2024, 111740. <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=ar&user=bZOK6lQAAAAJ&view_op=list_works&sortby=pubdate ORCID iD: 0000-0002-5591-3945 Scopus ID:</p>									
Activities in specialist bodies over the last 5 years	NA									

Name	Mohammad Wasef Marashdeh									
Post	Associate Professor of Medical Physics and Radiation science									
Academic career	<table border="0"> <tr> <td>Ph.D. Medical Physics and Radiation science</td> <td>University Science Malaysia (USM)</td> <td>2013</td> </tr> <tr> <td>M.Sc. in Medical Physics</td> <td>University Science Malaysia (USM)</td> <td>2006</td> </tr> <tr> <td>B.Sc. in Physics</td> <td>Colorado School of Mines</td> <td>2003</td> </tr> </table>	Ph.D. Medical Physics and Radiation science	University Science Malaysia (USM)	2013	M.Sc. in Medical Physics	University Science Malaysia (USM)	2006	B.Sc. in Physics	Colorado School of Mines	2003
Ph.D. Medical Physics and Radiation science	University Science Malaysia (USM)	2013								
M.Sc. in Medical Physics	University Science Malaysia (USM)	2006								
B.Sc. in Physics	Colorado School of Mines	2003								
Employment	<table border="0"> <tr> <td>Associate Professor</td> <td>IMSIU -Saudi Arabia</td> <td>2020 – Present</td> </tr> <tr> <td>Assistant Professor</td> <td>IMSIU -Saudi Arabia</td> <td>2013-2020</td> </tr> <tr> <td>Lecturer</td> <td>IMSIU -Saudi Arabia</td> <td>2007-2010</td> </tr> </table>	Associate Professor	IMSIU -Saudi Arabia	2020 – Present	Assistant Professor	IMSIU -Saudi Arabia	2013-2020	Lecturer	IMSIU -Saudi Arabia	2007-2010
Associate Professor	IMSIU -Saudi Arabia	2020 – Present								
Assistant Professor	IMSIU -Saudi Arabia	2013-2020								
Lecturer	IMSIU -Saudi Arabia	2007-2010								
Research and development projects over the last 5 years	<p>Research Project entitled " Study on gamma radiation interaction of Nano-liquid applied to medical tools", funded by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University, Saudi Arabia, under grant no. 381211. Riyadh, KSA,2020.</p> <p>Research Project entitled " A framework for a qualitative content analysis as an approach to explore the mental health problems in healthcare professionals during COVID-19 pandemic. by the Deanship of Scientific Research, Imam Mohammad Ibn Saud Islamic University (IMSIU), Saudi Arabia, Grant No. (21-13-18-072). Riyadh, KSA,2022.</p>									
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>									
Patents and proprietary rights	NA									
Important publications over the last 5 years	<ul style="list-style-type: none"> ● Aladailah, M. W., Tashlykov, O. L., Shirmanov, I. A., Strugov, E. D., Sayyed, M. I., Marashdeh, M. W., ... & Al-Maaitah, A. F. (2022). Radiation attenuation properties of novel glass system using experimental and Geant4 simulation. Radiation Physics and Chemistry, 199, 110404. ● Marashdeh, M. and Abdulkarim, M., (2023). Determination of the Attenuation Coefficients of Epoxy Resin with Carbopol Polymer as a Breast Phantom Material at Low Photon Energy Range. Polymer <p>For more information about research productivity: Google Scholar Link: https://shorturl.at/acrY7 ORCID iD: 0000-0003-2738-9506 Scopus ID: 54931245100</p>									
Activities in specialist bodies over the last 5 years	NA									

Name	Mokhtar Hjiri												
Post	Associate Professor of Physics												
Academic career	<table border="0"> <tr> <td>Ph.D. in Physics</td> <td>University of Monastir, Tunisia</td> <td>2016</td> </tr> <tr> <td>M.Sc. in Physics</td> <td>University of Monastir, Tunisia</td> <td>2010</td> </tr> <tr> <td>B.Sc. in Physics</td> <td>University of Gabes, Tunisia</td> <td>2008</td> </tr> </table>	Ph.D. in Physics	University of Monastir, Tunisia	2016	M.Sc. in Physics	University of Monastir, Tunisia	2010	B.Sc. in Physics	University of Gabes, Tunisia	2008			
Ph.D. in Physics	University of Monastir, Tunisia	2016											
M.Sc. in Physics	University of Monastir, Tunisia	2010											
B.Sc. in Physics	University of Gabes, Tunisia	2008											
Employment	<table border="0"> <tr> <td>Associate Professor</td> <td>IMSIU -Saudi Arabia</td> <td>2022 – Present</td> </tr> <tr> <td>Associate Professor</td> <td>KAU - Saudi Arabia</td> <td>2020-2022</td> </tr> <tr> <td>Assistant Professor</td> <td>KAU - Saudi Arabia</td> <td>2016-2020</td> </tr> <tr> <td>Research Fellow</td> <td>Messina - Italy</td> <td>2013-2015</td> </tr> </table>	Associate Professor	IMSIU -Saudi Arabia	2022 – Present	Associate Professor	KAU - Saudi Arabia	2020-2022	Assistant Professor	KAU - Saudi Arabia	2016-2020	Research Fellow	Messina - Italy	2013-2015
Associate Professor	IMSIU -Saudi Arabia	2022 – Present											
Associate Professor	KAU - Saudi Arabia	2020-2022											
Assistant Professor	KAU - Saudi Arabia	2016-2020											
Research Fellow	Messina - Italy	2013-2015											
Research and development projects over the last 5 years	<p>Sol-gel synthesis of nanomaterials and applications at KAU, Saudi Arabia</p> <p>Metal oxides gas sensors: One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RP23005).</p>												
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>												
Patents and proprietary rights	NA												
Important publications over the last 5 years	<ul style="list-style-type: none"> • Ahmad M. Saeedi, Norah H. Alonizan, Ahmad A. Alsaigh, Leila Alaya, Lassaad El Mir, Mahmoud Zaki El-Readi, Mokhtar Hjiri, <i>Physica Status Solidi A</i>, (2023) 2300162. • O.M. Lemine, A. Faqih, S. Algessair, N. Madkhali, M. Hjiri, S. Abu Alrub, A.Z. Alanazi, A. Alromaeh, L. EL Mir, <i>Journal of Superconductivity and Novel Magnetism</i>, 36 (2023) 1583-1593. • S. Jaballah, M. Hjiri, N. Zahmouli, Hasan B. Albargi, R. Dhahri, H. Dahman, L. El Mir, and G. Neri, Room temperature UV-Vis activated NO₂ gas sensor- based Mg-doped zinc oxide nanopowders, <i>J Mater Sci: Mater Electron</i>, 34 (2023) 137 <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=en&user=BUIL9twAAAAJ&view_op=list_works&sortby=pubdate ORCID iD: https://orcid.org/0000-0002-1437-2855 Scopus ID: https://www.scopus.com/authid/detail.uri?authorId=6603062382</p>												
Activities in specialist bodies over the last 5 years	Reviewer at several scientific journals and Editorial board												

Name	Ashour Mohamed Ahmed		
Post	Ass. Prof. in Physics		
Academic career	Ph.D. Physics	Beni-Suef University	2016
	M.Sc. in Physics	Beni-Suef University	2009
	B.Sc. in Physics	Beni-Suef University	2003
Employment	Associate Professor	IMSIU -Saudi Arabia	2022 – Present
	Assistant Professor	BSU – Egypt	2018-2021
	Research Lecturer	BSU – Egypt	2003-2017
Research and development projects over the last 5 years	<ul style="list-style-type: none"> One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IFP-IMSIU-2023125)/for the amount of SAR120000 One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (IMSIU-RP23048)/for the amount of SAR30000 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	<ul style="list-style-type: none"> NA 		
Important publications over the last 5 years	<ul style="list-style-type: none"> Effects of transition metals (Fe, Co) on the physical and photoelectrochemical hydrogen generation properties of copper oxide nanoparticulate films. International Journal of Hydrogen Energy 56 (2024) 164–174 Enhancing the hydrogen photo-production using zinc oxide films doped with iron, tin, and aluminum. Journal of Saudi Chemical Society 2023, 101750 Supercapacitance performance of novel core/shell poly(m-toluidine)/ (Co-Ni) nanoplatelets/nanoneedles nanocomposite. Journal of Molecular Liquids 386 (2023) 122466 Enhanced Sensitivity of Binary/Ternary Locally Resonant Porous Phononic Crystal Sensors for Sulfuric Acid Detection: A New Class of Fluidic-Based Biosensors. Biosensors. Biosensors 2023, 13, 683. Activated carbon derived from sugarcane and modified with natural zeolite for efficient adsorption of methylene blue dye: experimentally and theoretically approaches. Scientific Reports (2022) 12:18031 <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/eg/citations?user=OmulQ3gAAAAJ&hl=en ORCID iD: 0000-0002-1971-341X Scopus ID: 56312635700</p>		
Activities in specialist bodies over the last 5 years			

Name	Nazir Mustapha									
Post	Associate Professor of Applied Physics									
Academic career	<table border="0"> <tr> <td>Ph.D. Thin film technology</td> <td>Loughborough University, UK</td> <td>1995</td> </tr> <tr> <td>M.Sc. in Physics</td> <td>Loughborough University, UK</td> <td>1993</td> </tr> <tr> <td>B.Sc. in Physics</td> <td>King Abdul Aziz University, SA</td> <td>1985</td> </tr> </table>	Ph.D. Thin film technology	Loughborough University, UK	1995	M.Sc. in Physics	Loughborough University, UK	1993	B.Sc. in Physics	King Abdul Aziz University, SA	1985
Ph.D. Thin film technology	Loughborough University, UK	1995								
M.Sc. in Physics	Loughborough University, UK	1993								
B.Sc. in Physics	King Abdul Aziz University, SA	1985								
Employment	<table border="0"> <tr> <td>Associate Professor</td> <td>IMSIU -Saudi Arabia</td> <td>2013-present</td> </tr> <tr> <td>Assistant Professor</td> <td>IMSIU - Saudi Arabia</td> <td>2005-2012</td> </tr> </table>	Associate Professor	IMSIU -Saudi Arabia	2013-present	Assistant Professor	IMSIU - Saudi Arabia	2005-2012			
Associate Professor	IMSIU -Saudi Arabia	2013-present								
Assistant Professor	IMSIU - Saudi Arabia	2005-2012								
Research and development projects over the last 5 years	<p>Improved light emitting diodes made of pure and blended conjugated polymers. Deanship of Scientific Research, Al-Imam University. Funding: 68,400 SR. (19-12-12-011)- 2020-2021</p> <p>Effects of deposition parameters on the optical, structural, and electrical properties of Titanoum nitride and aluminum nitride thin films. Deanship of Scientific Research, Al-Imam University. Funding: 64,500 SR. (381214)- 2018-2019</p> <p>Optical, electrical, and structural properties of transparent thin films for smart coatings. (361216), 2016-2017, Deanship of Scientific Research, Al-Imam University. Funding: 78,600 SR.</p> <p>Effects of thermal treatment and irradiation on transparent thin films prepared by pulsed laser deposition (351225), 2015-2017, Deanship of Scientific Research, Al-Imam University. Funding: 126,400 SR.</p> <p>Effects of Gamma irradiation on the thin film properties in optical and electronic devices. (331219), 2014-2015, Research Deanship, Al-Imam University. Funding: 26,400 SR.</p>									
Industry collaborations over the last 5 years	<p>Project title: N/A</p> <p>Partners: N/A</p>									
Patents and proprietary rights	N/A									
Important publications over the last 5 years	<p>For more information about research productivity: GoogleScholarLink: https://scholar.google.com/citations?user=z5N5ZhwMAAAAJ&hl=en ORCID iD: 0000-0002-5982-8983- Scopus ID: 6701522077</p>									
Activities in specialist bodies over the last 5 years	<ul style="list-style-type: none"> • Saudi Physical Society, member, 2009-2015. • Optik-International Journal for Light and Electron Optics, Editor/ reviewer-2015-present. • Journal of Chemistry and Materials Research, Editor, 2015-present. • Advances in OptoElectronics— An Open Access Journal - Hindawi. Editor, 2015-present. 									

Name	Ghada Ahmed M.A. Khouqeer
Post	Associate Professor in Physics
Academic career	<ul style="list-style-type: none"> • PhD in NMR and Biophysics , University of Waterloo, Canada, 2016 • MSc in Nuclear Physics, King Saud University, 2002 • BSc in Physics, King Abdulaziz University, Saudi Arabia, 1996.
Employment	<ul style="list-style-type: none"> • Lecturer Imam Mohammad Ibn Saud Islamic University 2003-2016 • Assistant Professor Imam Mohammad Ibn Saud Islamic University, 2016-2023 • Associate Professor Imam Mohammad Ibn Saud Islamic University, 2023- Present
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Research group project funded by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), 2023. • Research priorities project funded by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), 2023. • Leading international partnership project funded by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023.
Industry collaborations over the last 5 years	<p>Project title: Enhancing Membrane Performance for Water Desalination Using Carbon Nanotubes and Metal-Organic Frameworks.</p> <p>Partners: King Abdulaziz City of Science and Technology.</p>
Patents and proprietary rights	“Broad-spectrum solar energy system having optical rectenna and photovoltaic cell”. Publication date 2023/9/12 Patent office US Patent number 11757396
Important publications over the last 5 years	<p>Total number: 28, here are some examples.</p> <ul style="list-style-type: none"> • Assessment of extremity occupational exposure at a nuclear medicine department, by Ghada Khouqeer, Journal of Radiation Research and Applied Sciences, Mar 2022. • A study on bowtie antenna based optical rectenna system for THz energy harvesting applications by Ghada A Khouqeer et. al., Optical and Quantum Electronics, Aug. 2023. • Broad-spectrum solar energy system having optical rectenna and photovoltaic cell, by Gaurav Jayaswal, Manish Hooda, Amita Chaudhry, Abdullah Alodhayb, Tahani A Alrebdi, Ghada Ahmed Khouqeer, Patent office US Patent number 11757396, Sep. 2023. <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=k9H-YSIAAAAJ&sortby=pubdate ORCID ID: https://orcid.org/0000-0001-6229-3687</p>
Activities in specialist bodies over the last 5 years	<ul style="list-style-type: none"> - Collaboration with and work closely with the central lab at KSU - Collaboration with and work closely with at KACST - Collaboration with and work closely with the core lab at KAUST

Name	Hanan Fawaz Akhdar		
Post	Associate professor (Nuclear Physics)		
Academic career	B.Sc. in Physics	King Saud University -KSA	2000
	M.Sc. in Nuclear Physics	King Saud University -KSA	2007
	PhD. in Nuclear Physics	King Saud University -KSA	2018
Employment	Associate Professor	Imam Mohammad Ibn Saud Islamic University - Saudi Arabia	2023 – Present
	Assistant Professor	Imam Mohammad Ibn Saud Islamic University - Saudi Arabia	2018-2023
		Imam Mohammad Ibn Saud Islamic University - Saudi Arabia	2007-2018
	Lecturer	University - Saudi Arabia	
	Research assistant	Riyadh College of Dentistry and Pharmacy (RCDP) – Saudi Arabia	2004-2007
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • One-year research group project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023. • One-year research priorities project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023. • One-year (international partnership) project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023. • One-year research priorities project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2024. 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=ZjyZtRgAAAAJ&hl=en&authuser=1 ORCID: Hanan Akhdar (0000-0001-5144-7169) - ORCID Scopus ID: 57118271400		
Activities in specialist bodies over the last 5 years	NA		

Name	Nawal Madkhali		
Post	Associate Professor of Material science		
Academic career	Ph.D. Organic Chemistry	King Saud University	2018
	M.Sc. in Chemistry	King Faisal University	2009
	B.Sc. in Physics	University of Dammam	2004
Employment	Associate Professor	IMSIU -Saudi	2023– Present
	Assistant Professor	Arabia IMSIU -	2018-2023
	Lecturer	Saudi Arabia IMSIU -Saudi Arabia	2009-2018
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • 2023-International project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) • 2023 One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) • 2022- International collaborate funded from Ministry of education. 		
Industry collaborations over the last 5 years	2022- International collaborate funded from Ministry of education. Partners: Ministry of education,ARAMCO		
Patents and proprietary rights	1. Dye-Sensitized Solar Panel, Manal Ahmed Gasmelseed Awad, Awatif Ahmed Hendi, Khalid Mustafa Osman Ortashi, ,Nawal Ahmad Abdu Madkhali,Publication number: US2017/0294272,Oct. 12, 2017		2017
	2. Synthesis of reduced graphene oxide nanoparticles, Nawal Ahmad Madkhali, Manal Ahmed Gasmelseed Awad, Awatif AhmedHendi, Khalid Mustafa Osman Ortashi, Amel Laref, Hajar Abdullah Aldakhil, Fatimah Yahya Mohammad Al-Abbas, Lena Jassim,Publication number:US 2017/9815701,Nov.,14, 2017		2017
Important publications over the last 5 years	<p>Elbeltagi, Shehab, et al. "Biosynthesis, characterization, magnetic hyperthermia, and in vitro toxicity evaluation of quercetin-loaded magnetoliposome lipid bilayer hybrid system on MCF-7 breast cancer." <i>Biochimica et Biophysica Acta (BBA)-General Subjects</i> 1868.3 (2024): 130543.</p> <p>Madkhali, Nawal, et al. "Recent update on photocatalytic degradation of pollutants in waste water using TiO₂-based heterostructured materials." <i>Results in Engineering</i> 17 (2023): 100920.</p> <p>For more information about research productivity:</p> <p>Google Scholar Link: Nawal Madkhali - Google Scholar</p> <p>ORCID iD: https://orcid.org/0000-0002-7864-2578</p> <p>Scopus ID: 57195058443</p>		
Activities in specialist bodies over the last 5 years	NA		

Name	Naglaa Fathy Mohamed Abdel All
Post	Assosiate professor in experimental solid-state physics
Academic career	<ul style="list-style-type: none"> Ph. D Experimental solid-state physics, Trento University, Italy. 2010 M. Sc in solid state physics, Faculty of Science, Assiut University, Egypt. 2007 B. Sc degree in physics, Faculty of Science, Assiut University, Egypt. 2000
Employment	<ul style="list-style-type: none"> Lecturer Assiut University, Faculty of Science-Egypt. 2000-2011 Assistant professor Imam Mohammad Ibn Saud Islamic University. 2012-2022 Assosiate professor Imam Mohammad Ibn Saud Islamic University. 2023
Research and development projects over the last 5 years	<ul style="list-style-type: none"> Imam Mohammad Ibn Saud Islamic University, Deanship of Scientific Research Centers, Project no. 221412014 in the 14th Cycle (2022). Research Financing Agreement, IFP-IMSIU-2023051 (2023). Research Group Funding Agreement, Research Group No. IMSIU-RG23143 (2023).
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>
Patents and proprietary rights	None
Important publications over the last 5 years	<ol style="list-style-type: none"> “Synthesis, characterization and heating efficiency of Gd-doped maghemite (γ-Fe₂O₃) nanoparticles for hyperthermia application”. Ibtessam Alotaibi, Marzook S Alshammari, Saja Algessair, N Madkhali, <u>N Abdel All</u>, M Hjiri, Sharif Abu Alrub, L El Mir, OM Lemine. Physica B: Condensed Matter. 625(2022). “Effect of oxygen annealing treatment on structural, optical and electrical properties of In doped ZnO thin films prepared by PLD technique”. S Mourad, J El Ghoul, A Khetrou, B Mari, <u>N Abdel All</u>, G Khouqeer, L El Mir, K Khirouni. Physica B: Condensed Matter. 626 (2022). “Structural, Optical and Magnetic Properties of (Al, Ni) Co-Doped ZnO Nanoparticles”. J El Ghoul, <u>N Abdel All</u>, G Khouqeer, MS Alshammari, Journal of Nanoelectronics and Optoelectronics, 16 (2021). Structural and photoluminescence study of thin GaN and AlN/GaN nanowires”. <u>Naglaa Abdel All</u>, Journal of Materials Science: Materials in Electronics, 34 (2023). Low temperature photoluminescence study of Al_xGa_{1-x}N/GaN/Al_xGa_{1-x}N heterostructure nanocolumns”. <u>Naglaa Abdel All</u>, Jaber ElGhoul, Mohamed Almokhtar. J. Mater Sci: Mater Electron, 34, 1581 (2023). Super-hydrophobic chitosan/graphene-based aerogels for oil absorption”. Konstantinos N Maroulas, Dimitrios G Trikkaliotis, Zoi S Metaxa, <u>Naglaa AbdelAll</u>, Abdullah Alodhayb, Ghada A Khouqeer, George Z Kyzas. Journal of Molecular Liquids, 390, 123071(2023). Realizing the topological rainbow based on cavity-coupled topological edge state. <u>Naglaa AbdelAll</u>, Mohamed Almokhtar, Ghada Khouqeer, Sayed El Soliman. Optics & Laser Technology, 171 (2024). <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=qYSp6EAAAAJ&hl=en. ORCID iD: 0000-0002-9178-3041.</p>
Activities in specialist bodies over the last 5 years	<ul style="list-style-type: none"> Visiting the research laboratory of Osaka University in Japan.

Name	Abdelaziz Sabik		
Post	Assistant Professor		
Academic career	Ph.D in Polymer physics, MSc,	Liege University.	2002
	Optoelectronics.	Liege University.	1994
	BSc, Physics.	Casablanca University, Morocco.	1989
Employment	Assistant Professor	IMSIU -Saudi Arabia	2002-Present
Research and development projects over the last 5 years	Polymer physics, nanoparticles, quantum physics.		
Industry collaborations over the last 5 years	Project title: None		
	Partners: None		
Patents and proprietary rights	Title: None	Year	
Important publications over the last 5 years	<ul style="list-style-type: none"> - K. Berrada, A. Sabik, H. Eleuch, Results in Physics, 107426 (2024) - K. Berrada, A. Sabik, E.M. Khalil, S. Abdel-Khalek, Chaos, Solitons & Fractals 178, 114371 (2024). Google Scholar Link: https://scholar.google.com/citations?hl=ar&user=1Z4ZoPsAAAAJ&view_op=list_works&gmla=AILGF5UMpjFe9mK6rnCUFW6X9yCmo5irnnGnum88qKeCLDdetH9iNyBTF0c24kPdJIdF3hTkdoH3R5vH3H7pb7jiEbHQkHPSjDaNdKaWPETa8oDUY36uvvgfl		
Activities in specialist bodies over the last 5 years	-Member of Academic Plans committee, Physics Department, College of Science, IMSIU.		

Name	Mohammed Khalil Mohammed Ali		
Post	Assistant Professor in Solid State Physics (fabrication and characterization of nanomaterials for optoelectronics applications)		
Academic career	Ph.D. in Solid State Physics	University Sains Malaysia (USM), Malaysia	2014
	M.Sc. in Solid State Physics	Sudan University of Science & Technology (SUST), Khartoum, Sudan	2005
	B.Sc. In Physics (Honor)	Sudan University of Science & Technology (SUST), Khartoum, Sudan	2002
Employment	Assistant Professor	Assistant Professor at Physics Department - College of Science - Imam Mohammad Ibn Saud Islamic University (IMSIU)- Riyadh, Kingdom of Saudi Arabia	2016 – Present
	Assistant Professor Researcher	Material and Electronics Research Institute – National Center for Research -Khartoum- Sudan	2037-2016
	Assistant Professor Researcher	Head of Semiconductors and electronics Department, National Center for Research – Material and Electronics Research Institute – Khartoum- Sudan	2007-2009
	Lecturer	Sudan University of Science & Technology (SUST)/ Khartoum, Sudan, Lecturer at Physics Department	2003-2008
	Lecturer	Omdurman Islamic University- Faculty of Science & Technology – Physics Department	2005-2008
Research and development projects over the last 5 years	<ul style="list-style-type: none"> The Effect of ZnO Nano-structures on The Performance of ZnO/Si Heterojunction Solar Cell Fabricated by Cost Effective Deposition Methods One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-381215 for the amount of SAR7970 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	Submitted		
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=en&user=VqOuI58AAAAJ&view_op=list_works&sortby=pubdate ORCID iD: 0000-0002-5994-0510 Scopus ID: 56580924100		
Activities in specialist bodies over the last 5 years	AV		

Name	Sharif nemer alia by alrub		
Post	Assistant professor of physics		
Academic career	Phd.D of physics	UNIVERSITY OF JORDAN	2012
	MSc of physics	University of jprdan	1996
	MSc of physics	University of jordan	1991
Employment	Assistant prof	Imam Mohammed ibn Saud university	2012-2023
Research and development projects over the last 5 years	<p>Nano-particles and its application in magnetothermal diagoonesis of cancer</p> <p>Nano-particles and its application in solar cells</p> <p>One-year funded the deanship of research at Imam Mohammad ibn Saud university for 120000SAR project.</p>		
Industry collaborations over the last 5 years	<p>NA</p> <p>NA</p>		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<p>Mechanically Milled Co_{1-x}Fe_xO₄ Nanocrystalline for Magnetic Hyperthermia Application OM Lemine, SA Alrub Journal of Nano Research 59, 25-34 https://scholar.google.com/citations?user=yhfNByQAAAAJ&hl=ar https://accounts.google.com/signout/chrome/landing?continue=https%3A%2F%2Fscholar.google.com%2Fschhp%3Fhl%3Dar&oc=https%3A%2F%2Fscholar.google.com%2Fschhp%3Fhl%3Dar&hl=ar https://www.scopus.com/list/form/overview.uri?_id=1704017674922 https://orcid.org/my-orcid?orcid=0009-0002-3619-4348&justRegistered=true</p>		
Activities in specialist bodies over the last 5 years	NA		

Name	Abdullah Riyad Altayar		
Post	Semiconductor physics – classical mechanics		
Academic career	Initial academic appointment	Assistant professor	2023
	Doctorate (Semiconductor)	Lancaster University	2023
	Undergraduate degree (applied physics)	Imamu University	2012
Employment	Assistant professor	Imamu University	10/2023 - current
Research and development projects over the last 5 years	N/A		
Industry collaborations over the last 5 years	N/A		
Patents and proprietary rights	N/A	Year	
Important publications over the last 5 years	1- Electroluminescence characterization of mid-infrared InAsSb/AlInAs multi-quantum well light emitting diodes heteroepitaxially integrated on GaAs and silicon wafers		
Activities in specialist bodies over the last 5 years	N/A		

Name	Mohannad Al-Hmoud		
Post	Assistant Professor of Physics		
Academic career	Ph.D. in Physics	University of Paderborn, Germany,	2013
	M.Sc. in in Physics	University of Stuttgart, Germany	2007
	B.Sc. in in Applied Physics	Jordan University of Science and Technology, Jordan	2003
Employment	Assistant Professor	Imam Mohammad Ibn Saud Islamic University, Saudi Arabia	2016 - Present
Research and development projects over the last 5 years	<p><u>One-year Projects:</u></p> <ul style="list-style-type: none"> • Diamond slot-bridge nanobeam cavities with ultrasmall mode volumes for applications in quantum information processing (Deanship of scientific research, Al-Imam Mohammad Ibn Saud Islamic University, Saudi Arabia) (2020) (26,000 SAR) • Probing Quantum Correlations in a Hybrid Optomechanical System (Deanship of scientific research, Al-Imam Mohammad Ibn Saud Islamic University, Saudi Arabia) (2021) (26,000 SAR) • Vertically emitting microdisk cavity (Deanship of scientific research, Al-Imam Mohammad Ibn Saud Islamic University, Saudi Arabia) (2022) (26,000 SAR) • A simulation study of single nanoparticle detection using slot-bridge-slot nanobeam cavity for biomedical applications (Deanship of scientific research, Al-Imam Mohammad Ibn Saud Islamic University, Saudi Arabia) (2023) (30,000 SAR) • International Research Partnership Agreement (Deanship of scientific research, Al-Imam Mohammad Ibn Saud Islamic University, Saudi Arabia) (2023) (120,000 SAR) 		
Industry collaborations over the last 5 years	<p>Project title:</p> <p>Partners:</p>		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	<ul style="list-style-type: none"> • Smail Bougouffa & Mohannad Al-Hmoud, Bipartite Entanglement in Optomechanical Cavities Driven by Squeezed Light, International Journal of Theoretical Physics 59, 1699–1716 (2020) <p>Google Scholar Link: https://scholar.google.com/citations?hl=en&user=od02PB0AAAAJ</p>		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Membership without a specific role need not be mentioned		

Name	Ayed Mejwal Binzowaimil		
Post	Post Assistance Prof of Physics		
Academic career	<p style="text-align: right;">Mississippi State University, USA 2021</p> <p>Ph.D., Doctor of Philosophy in Engineering by (Courses +Thesis) with a concentration in Applied Physics</p> <p style="text-align: center;">M.S., Physics. Western Illinois University, USA. 2011</p> <p>B. Sc., Physics King Saud University 2003</p>		
Employment	Assis Professor	IMSIU-Saudi Arabia	2023 – Present
	Lecturer	IMSIU-Saudi Arabia	2022
	R & D Scientist, AECOM	National Energy Technology Laboratory, Pittsburgh, PA.USA	2020 -2021
	Doctoral Research Assistant	Institute of Clean Energy Technology, Mississippi State University, Starkville, MS	2018 - 2020
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<p>For more information about research productivity:</p> <p>Google Scholar Link</p> <p>https://scholar.google.com/citations?hl=ar&user=vK4GmJMAAA AJ</p>		
Activities in specialist bodies over the last 5 years	NA		

Name	Mohammad J. Alhilaly		
Post	Assistant Professor of Physics, Material Science and Engineering		
Academic career	Ph.D. Materials Science and Engineering	King Abdullah University of Science and Technology (KAUST) -Saudi Arabia	2019
	M.Sc. in Materials Science and Engineering	King Abdullah University of Science and Technology (KAUST) -Saudi Arabia	2014
	B.Sc. in Physics	IMSIU -Saudi Arabia	2010
Employment	Assistant Professor	IMSIU -Saudi Arabia	2020 – Present
	Lecturer	IMSIU -Saudi Arabia	2017-2020
	Teaching Assistant	IMSIU -Saudi Arabia	2011-2016
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	Project title: NA		
	Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Mohammad J. Alhilaly et al., “[Cu₈₁(PhS)₄₆(^tBuNH₂)₁₀(H)₃₂]³⁺ Reveals the Coexistence of Large Planar Cores and Hemispherical Shells in High-Nuclearity Copper Nanoclusters” J. Am. Chem. Soc. 2020, 142, 19, 8696-8705. (Highly cited JACS publication from 2020-2021) • Mohammad J. Alhilaly et al., “Assembly of Atomically Precise Silver Nanoclusters into Nanocluster-Based Frameworks” J. Am. Chem. Soc. 2019, 141, 24, 9585-9592. <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=MgIzXYcAAAAJ&hl=en ORCID iD: 0000-0001-6177-4913 Scopus ID: 56850417400</p>		
Activities in specialist bodies over the last 5 years	Reviewer of several scientific journals.		

Name	Mahmoud Hezam		
Post	Assistant Professor of Physics		
Academic career	Ph.D. Physics	Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland	2004
	M.Sc. in Physics	King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia	2007
	B.Sc. in Physics	King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia	2017
Employment	Assistant Professor	IMSIU -Saudi Arabia	2022 – Present
	Principal Researcher	King Abdullah Institute for Nanotechnology, King Saud University	2017-2022
Research and development projects over the last 5 years	<ul style="list-style-type: none"> Co-I in three 2-year projects funded by King Saud University. PI of a research group (Energy Materials and Systems) IMSIU-RG23125 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights			
Important publications over the last 5 years	<ol style="list-style-type: none"> Shaddad, M. N., Hezam, M., Arunachalam, P., AL-Saeedan, N. M., Gimenez, S., Bisquert, J., & Al-Mayouf, A. M. (2022). Improved solar water splitting performance of BiVO₄ photoanode by the synergistic effect of Zr-Mo co-doping and FeOOH Co-catalyst layer. <i>Materials Letters</i>, 325, 132799. Hezam, M., Alsubaie, M. Q., Algarni, A., Ghaithan, H., Labis, J., & Alduraibi, M. (2021). ZnO Nanosheet-Nanowire morphology tuning for Dye-sensitized solar cell applications. <i>Chemical Physics Letters</i>, 780, 138953. Hezam, M., Algarni, A., Ghaithan, H., Alzahrani, H., Alshehri, A., Alfarhoud, A., ... & Alduraibi, M. (2021). Hydrothermal growth optimization of vertically aligned ZnO nanowire arrays and their dye-sensitized solar cell performance under air/oxygen environments. <i>Materials Research Express</i>, 8(10), 105501. Shaddad, M. N., Arunachalam, P., Hezam, M., AL-Saeedan, N. M., Gimenez, S., Bisquert, J., & Al-Mayouf, A. M. (2021). Unprecedented solar water splitting of dendritic nanostructured Bi₂O₃ films by combined oxygen vacancy formation and Na₂MoO₄ doping. <i>International Journal of Hydrogen Energy</i>, 46(46), 23702-23714. Ghaithan, H. M., Qaid, S. M., Alahmed, Z. A., Hezam, M., Lyras, A., Amer, M., & Aldwayyan, A. S. (2021). Anion substitution effects on the structural, electronic, and optical properties of inorganic CsPb (I_{1-x} Br_x)₃ and CsPb (Br_{1-x} Cl_x)₃ perovskites: Theoretical and experimental approaches. <i>The Journal of Physical Chemistry C</i>, 125(1), 886-897. Ghaithan, H. M., Alahmed, Z. A., Qaid, S. M., Hezam, M., & Aldwayyan, A. S. (2020). Density functional study of cubic, tetragonal, and orthorhombic CsPbBr₃ perovskite. <i>ACS omega</i>, 5(13), 7468-7480. 		
Activities in specialist bodies over the last 5 years			

Name	Turki Saleh Altoub		
Post	Lecturer		
Academic career	M.Sc. in Physics	Cardiff university	2021
	B.Sc. in Physics	IMSIU	2015
Employment	Lecturer	IMSIU	2022- present
	Teaching assistant	IMSIU	2015-2022
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	Project title: NA		
	Partners: NA		
Patents and proprietary rights	Title: NA	Year	
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5 years	NA		

Name	Hessa alsalmah		
Post	Assistant professor of materials science		
Academic career	Ph.D. in materials science	De Montfort University - UK	2021
	M.Sc. in science: physics	King Saud University - KSA	2007
	B.Sc. in science: physics	Princess Nourah Bint Abdul Rahman University -KSA	1996
Employment	Assistant Professor	IMSIU -Saudi Arabia	2023 – Present
	Lecturer	IMSU- Saudi Arabia	2012-2022
	High school teacher	Government school-Saudi Arabia	2012-2000
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	Project title: NA		
	Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<p>Hessa alsalmah, "Synergistic effects of co-doping and rGO reinforcement to boost the structural, electrical, optical, and photocatalytic properties of manganese ferrite", <i>Ceramics International</i>, Volume 50, Issue 3, 2024</p> <p>Hessa A. Alsalmah, Samar J. Almeahmadi, M. O. Farea, Qana A. Alsulami, Hind Albalawi, A.Rajeh, "Hybrid GO/TiO₂ nanoparticles reinforced NaAlg/PVA blend: Nanocomposites for high-performance energy storage devices". <i>Polymers for Advanced Technologies</i>(2023)</p> <p>For more information about research productivity:</p> <p>Google Scholar Link: HESSA A. ALSALMAH - Google Scholar</p> <p>ORCID iD: 0009-0005-9853-5402</p> <p>Scopus ID: 58205551300</p>		
Activities in specialist bodies over the last 5 years	NA		

Name	Sitah Fahad alanazi
Post	Associate Professor of Physics
Academic career	PhD in medical physics, king Saud University, 2017 Master in Nuclear Physics, king Saud University, 2007 Bachelor's degree in physics, Dammam University, Imam Abdulrahman university, 2002
Employment	Assistant Professor IMSIU -Saudi Arabia 2017 – Present Lecturer IMSIU -Saudi Arabia 2009-2017 Assistant Teacher IMSIU -Saudi Arabia 2007-2009
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Research priorities project (2022) • Research priorities project (2023) • Global Partnership Project (2023)
Industry collaborations over the last 5 years	Project title: N/A Partners: N/A
Patents and proprietary rights	N/A
Important publications over the last 5 years	<ul style="list-style-type: none"> • Some of my publications. • Alanazi, Sitah, ZabnAllah M. Alaizeri, Rashid Lateef, Nawal Madkhali, Abdullah Alharbi, and Maqusood Ahamed. 2023. "Zn Doping Improves the Anticancer Efficacy of SnO₂ Nanoparticles" Applied Sciences 13, no. 22: 12456. https://doi.org/10.3390/app132212456 • For more information about research productivity: https://scholar.google.com/citations?user=noD-FTcAAAAJ&hl=ar
Activities in specialist bodies over the last 5 years	N/A

Name	Muneerah Abdullah M Alaqeel
Post	Assistent Professor in Nuclear Physics
Academic career	<ul style="list-style-type: none"> • B. Sc. In Physics King Saud University, KSA 2008. • M. Sc. In Nuclear Physics King Saud University, KSA 2013. • PhD In Nuclear Physics The University of Liverpool, UK 2020.
Employment	<p>Assistent Professor, Imam Mohammad Ibn Saud Islamic University, KSA 2021- Present</p> <p>Honorary Fellow Researcher, University of Liverpool, Liverpool, UK 2020- Present</p> <p>Lecturer, Imam Mohammad Ibn Saud Islamic University, KSA 2013</p> <p>Teaching Assistant, Imam Mohammad Ibn Saud Islamic University, KSA 2009</p> <p>Researcher, King Saud University, KSA 2008</p>
Research and development projects over the last 5 years	<p>One-year research priorities project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2022.</p> <p>One-year research group 1 project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023.</p> <p>One-year research group 2 project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023.</p>
Industry collaborations over the last 5 years	CERN, France and Switzerland
Patents and proprietary rights	NA
Important publications over the last 5 years	<p>All can be found in Google Scholar link: https://scholar.google.com/citations?user=Znc7kUUAAAAJ&hl=en</p> <p>ORCID: 0000-0003-0713-4776 Scopus ID: 57193777450</p> <p>--</p>
Activities in specialist bodies over the last 5 years	<p>Visiting facilities for scientific work:</p> <p>Department of Physics, Oliver Lodge Laboratory, University of Liverpool, Liverpool, L69 7ZE, United Kingdom.</p> <p>Accelerator Laboratory, Department of Physics, University of Jyväskylä, FI-40014 Jyväskylä, Finland</p> <p>ISOLDE CERN, Geneva, Switzerland</p>

Name	Asma Nasser Ibrahim Alkabsh
Post	Assistant Professor in Applied physics
Academic career	<p>Ph.D. Applied physics. Southern Illinois University 2018</p> <p>M.Sc. in Physics King Faisal University 2011</p> <p>B.Sc. in Physics King Faisal University 2007</p>
Employment	<p>Assistant professor IMSIU -Saudi Arabia 2022 – Present</p> <p>Assistant professor Shaqra University - Saudi Arabia 2020-2022</p> <p>Lecturer Shaqra University - Saudi Arabia 2012-2020</p>
Research and development projects over the last 5 years	<p>Imam Mohammad Ibin Saud Islamic University, Deanship of Scientific Research, Vice</p> <p>Deanship of Scientific Research for Research Centers, Research Projects .Financing Program, Project no. 221412014 in the 14th Cycle (2022).</p>
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>
Patents and proprietary rights	none
Important publications over the last 5 years	<ul style="list-style-type: none"> Bouhjar, Ferial et al. (2023). “Electrochemical Fabrication and Characterization of Cu₂ZnSnS₄(CZTS)ThinFilmDepositsonGold Substrate for HydrogenProduction”. In: Nano18.04,p.2350022. Zahi, Nesrine et al. (2023). “Numericalstudyofanoscillatory piston-drive flow through open cell metal foam like stirling engine regenerator”. In: International Journal of Heat and Mass Transfer 213, p. 124196. <p>For more information about research productivity: Google Scholar Link: Asma Alkabsh - Google الباحث العلمي من Google ORCID iD: 0000-0001-5826-2191</p>
Activities in specialist bodies over the last 5 years	None

Name	Basma Elbadry		
Post	Assistant Prof. of Radiation Physics		
Academic career	Ph.D. in Radiation Physics	Ain Shams University, Egypt	2010
	M.Sc. in Radiation Physics	Ain Shams University, Egypt	2007
	B.Sc. in physics and computers	Ain Shams University, Egypt	2004
Employment	Assistant Professor	IMSIU -Saudi Arabia	2013 – Present
	Lecturer	Ain Shams University, Egypt	2010-2013
	Assistant Lecturer	Ain Shams University, Egypt	2007-2010
	Demonstrator	Ain Shams University, Egypt	2005-2007
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • One-year Research Financing Agreement funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) 2023 • One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) 2023 • One-year (Research Group) project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) 2023. 		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=en&user=JycqxoIAAAAJ&view_op=list_works&sortby=pubdate ORCID iD: 0000-0002-0073-0789 Scopus ID: 57395103700		
Activities in specialist bodies over the last 5 years	NA		

Name	Maha Algarawi		
Post	Assistant Professor		
Academic career	Ph.D. in Physics	University of California, Irvine, US	2022
	M.Sc. in Physics	King Saud University, Riyadh, Saudi Arabia	2013
	B.Sc. in Physics	King Saud University, Riyadh, Saudi Arabia	2008
Employment	Assistant Professor	IMSIU -Saudi Arabia	2023 – Present
	Lecturer	IMSIU -Saudi Arabia	2014-2023
	Teaching Assistant	IMSIU -Saudi Arabia	2009-2014
Research and development projects over the last 5 years	One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) 2023.		
Industry collaborations over the last 5 years	Project title: NA		
	Partners: NA		
Patents and proprietary rights	-		
Important publications over the last 5 years	<p>- Nouizi, F., Algarawi, M., Erkol, H., & Gulsen, G. (2023). Gold nanoparticle-mediated photothermal therapy guidance with multi-wavelength photomagnetic imaging. <i>Photodiagnosis and Photodynamic Therapy</i>, 103956.</p> <p>- Algarawi, M., Erkol, H., Luk, A., Ha, S., Burcin Unlu, M., Gulsen, G., & Nouizi, F. (2021). Multi-Wavelength Photo-Magnetic Imaging System for Photothermal Therapy Guidance. <i>Lasers in surgery and medicine</i>, 53(5), 713-721.</p> <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?hl=en&user=I8GIP6MAAAAJ&view_op=list_works&sortby=pubdate</p>		
Activities in specialist bodies over the last 5 years	-		

Name	Asmae Mimouni		
Post	Assistant Professor of Physics		
Academic career	PhD degree in Electronics	Abdelmalek Esaadi University Tetouan Morocco	2013
	International PhD in information technology and communications in telecommunication systems	Cantabria University Spain	2012
	Master's in information technology and communications in telecommunication systems,	Cantabria University Spain	2009
	DESA (The Postgraduate Diploma) in physics - microelectronics and technical radio frequencies	Abdelmalek Esaadi University Tetouan Morocco	2006
	Bachelor's degree in science physics- Electronics	Abdelmalek Esaadi University Tetouan Morocco	1997
Employment	Position	Employer	Period
	Assistant professor	Al Imam Mohamad ben Saoud University Riyadh.	Since 02/02/2017 up to date
	Temporary Assistant Professor	Princess Nora bent Abdul Rahman University Riyadh.	09/ 2013-01/2017
Research and development projects over the last 5 years	Name of project or research focus: RF and microwave team Period and any other information: 2 years Partners, if applicable: Imam Mohammad Ibn Saud Islamic University (IMSIU)- The Research Group Program (RGP) - Deanship of Scientific Research based in Riyadh, Kingdom of Saudi Arabia Amount of financing 100000 SAR		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=Cbob540AAAAJ		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Membership without a specific role need not be mentioned		

Name	Tamader Alhazani		
Post	Assistant Professor		
Academic career	Ph.D. in condensed matter physics	University of New South Wales – Sydney - Australia	2021
	M.Sc. in general physics	Florida Institute of Technology _ Florida – USA	2011
	B.Sc. in science and education in physics	Princess Nora University	2006
Employment	Assistant Professor	IMSIU -Saudi Arabia	2021 – Present
	Lecture	Shaqra University - Saudi Arabia	2014-2015
Research and development projects over the last 5 years	Approaches to improving pulsed EDMR spectroscopy in organic electronic devices using adiabatic pulses.		
Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5 years			

Name	Mamduh Jamil Aljaafreh		
Post	Assistance Prof of Physics		
Academic career	Ph.D. physics M.Sc. in physics B.Sc. in physic	King Saud University- Saudi Arabia Mut'ah University- Jordan Mut'ah University- Jordan	2021 2005 2001
Employment	Position Assistant Professor PhD student as Researcher. Lecturer Physics Teacher.	Employer IMSIU -Saudi Arabia Department of Physics and Astronomy, College of Science, King Saud University. Preparatory Deanship and Department of Physics, Imam Mohammad Ibn Saud Islamic University (IMISU). Ministry of Education, Jordan	Period 2022 – Present 2015-2021 2012-2015 2001-2012
Research and development projects over the last 5 years	Project title: Designing, Evaluating, and Improving Solar-cells based on Conjugated- Polymer, perovskite organo-metal trihalide. Project title: Designing, Evaluating, and Improving Solar-cells based on Conjugated- Polymer, perovskite organo-metal trihalide. King Saud University.		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	Title 1- Conjugated polymer laser with temperature-controlled power output. Inventors Saradh Prasad Rajendra, Mohamad Saleh Alsalhi, Mamduh Jamil Aljaafreh. US Patent 10,541,506.2020 2-Solid state laser with conjugated oligomer active material. Inventors Mohamad Saleh Alsalhi, Mamduh Jamil Aljaafreh, S a r a d h Prasad Rajendra US Patent 10,879,668.		2020 2020

Important publications over the last 5 years	Google Scholar Link: https://scholar.google.com/citations?user=KxotB0AAAAAJ&hl=en
----------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Name	Rageh Hussein									
Post	Doctor of Solid-State Physics.									
Academic career	<table border="0"> <tr> <td>Ph.D. Solid State Physics</td> <td>Zakazik University</td> <td>2016</td> </tr> <tr> <td>M.Sc. in Physic</td> <td>Ain Shams University</td> <td>2010</td> </tr> <tr> <td>B.Sc. in Chemistry</td> <td>Ain Shams University</td> <td>2001</td> </tr> </table>	Ph.D. Solid State Physics	Zakazik University	2016	M.Sc. in Physic	Ain Shams University	2010	B.Sc. in Chemistry	Ain Shams University	2001
Ph.D. Solid State Physics	Zakazik University	2016								
M.Sc. in Physic	Ain Shams University	2010								
B.Sc. in Chemistry	Ain Shams University	2001								
Employment	Lecturer IMSIU -Saudi Arabia 2012 – Present									
Research and development projects over the last 5 years	<p>Materials Science and Molecular Modelling</p> <p>One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-(221412025)</p>									
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>									
Patents and proprietary rights	NA									
Important publications over the last 5 years	<ul style="list-style-type: none"> • Molecular docking identification for the efficacy of some zinc complexes with chloroquine and hydroxychloroquine against main protease of COVID-19 RK Hussein, HM Elkhair Journal of Molecular Structure 1231, 129979 47 2021 • Spectroscopic characterization (IR, UV-Vis), and HOMO-LUMO, MEP, NLO, NBO analysis and the antifungal activity for 4-bromo-N-(2-nitrophenyl) benzamide; using DFT modeling and ...SK Alghamdi, F Abbas, RK Hussein, AG Alhamzani, NT El-Shamy Journal of Molecular Structure 1271, 134001 33 2023 • DFT, ADMET and Molecular Docking Investigations for the Antimicrobial Activity of 6, 6'-Diamino-1, 1', 3, 3'-tetramethyl-5, 5'-(4-chlorobenzylidene) bis [pyrimidine-2, 4 ...NT El-Shamy, AM Alkaoud, RK Hussein, MA Ibrahim, AG Alhamzani, ... Molecules 27 (3), 620 30 2022 <p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=HNJOU0AAAAAJ&hl=en</p>									
	Reviewer in many international journals, reviewing works could be found at the Web of Science researcher profile.									

Name	Moez Abdoelfath Ibrahim Mohammed
Post	lecturer - College of Science - Imam Mohammad Ibn Saud Islamic University (IMSIU)- Kingdom of Saudi Arabia.
Academic career	<p>PH D In Physics (Laser physics) Sudan University of Science & Technology (SUST), Khartoum, 2017</p> <p>M. Sc.In Solid State Physics, Sudan University of Science & Technology (SUST), Khartoum, 2011</p> <p>B. Sc. In Physics Sudan University of Science & Technology (SUST), Khartoum, 2008</p>
Employment	<p>Lecturer IMSIU -Saudi Arabia 2013 – Present</p> <p>Radiation protection technician sudan – Khartoum 2008 to 2009</p>
Research and development projects over the last 5 years	<p>King Abdulaziz City for Science and Technology supported the establishment of a Laser and Spectroscopy Laboratory via grant number 14-ADV989-08 ●</p> <p>One-year research group project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2021. ●</p> <p>One-year (international partnership) project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2021. ●</p> <p>One-year research group project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) in 2023. ●</p>
Industry collaborations over the last 5 years	<p>Project title: NA</p> <p>Partners: NA</p>
Patents and proprietary rights	<ol style="list-style-type: none"> 1. High optical gain laser in pulsed and CW modes from a novel compound of 1-(2H-1,3-benzodioxol-5-yl)-3-[4-(dimethylamino) phenyl] -(2E)-propen-1-one (BDP) Oxide MoO₃ and related materials. (in the registration process). 2. Olive Oil-tuned Broadband Conjugated Polymer Laser Medium. (in the registration process). 3. Thermochromic Brilliance: Harnessing Conjugated Polymers and Curcumin Oil to Fabricate a Thermo-Responsive Sensing System. (in the registration process).
Important publications over the last 5 years	<ol style="list-style-type: none"> 1. KH Ibnaouf, <u>MA Ibrahim</u>, O Aldaghri, Raed Alhathloul, AO <u>Elzupir</u>- Structural, optical characteristics of 3-(pN, N-dimethyl aminophenyl) 5-phenyl-1H-pyrazole: tuning band gaps with acid solutions- Journal of Materials Science: Materials in Electronics (2019)30 (15), 14312-14319. <p>For more information about research productivity: Google Scholar Link: Moez Abdoelfath Ibrahim - Google Scholar</p>
Activities in specialist bodies over the last 5 years	NA

Name	Tarfah Alinad		
Post	Lecturer		
Academic career	<ul style="list-style-type: none"> • MSc in Laser Physics, Physics Department, College of Sciences, King Saud University, 2013. • BSc in Physics, Physics Department, College of Sciences, King Saud University University, 2006. 		
Employment	Lecturer	IMSIU	2013-Present
	Teaching assistant	IMSIU	2011-2013
	Teaching assistant	JOUFU	2007
Research and development projects over the last 5 years	N/A		
Industry collaborations over the last 5 years	N/A		
Patents and proprietary rights	N/A		
Important publications over the last 5 years	<p>For more information about research productivity</p> <p>All can be found in Google Scholar link.</p> <p>https://scholar.google.com/citations?user=8JbxPlsAAAAJ&hl=ar</p>		
Activities in specialist bodies over the last 5 years	N/A		

Name	Saja Mohammed Algessair
Post	Lecturer
Academic career	<ul style="list-style-type: none"> • Master in Theoretical Physics, King Saud University, 2015 • Bachelor's in physics, King Saud University, 2011
Employment	<ul style="list-style-type: none"> • Al Imam Mohammad Ibn Saud Islamic University, Teaching assistant, 2012-2017 • Al Imam Mohammad Ibn Saud Islamic University, Lecturer, 2017-now
Research and development projects over the last 5 years	
Industry collaborations over the last 5 years	
Patents and proprietary rights	
Important publications over the last 5 years	<p>For more information about research productivity: Google Scholar Link: https://scholar.google.com/citations?user=9Qe2APQAAAAJ&hl=ar</p>
Activities in specialist bodies over the last 5 years	Member at Saudi Physical Society (SPS).

Name	Hanan A bdulrahman.AL.mostafa		
Post	Lecturer in Experimental Physics		
Academic career	<ul style="list-style-type: none"> • Bachelor of Physics, princess noura Bint Abdulrahman University. • Master of Nuclear Experimental Physics, college of Science,Dammam. 		
Employment	<ul style="list-style-type: none"> • King Faisal University, teaching assistant. • King Faisal University, Lecturer. • Al Imam Mohammad Ibn Saud Islamic University, teaching assistant. • Al Imam Mohammad Ibn Saud Islamic University, Lecturer. 		
Research and development projects over the last 5 years	--		
Industry collaborations over the last 5 years	--		
Patents and proprietary rights	Title	--	Year --
Important publications over the last 5 years	--		
Activities in specialist bodies over the last 5 years	--		

Name	Ahlam Alhuiti		
Post	Lecturer of Physics		
Academic career	M.Sc. in Physics	King Saud University	2018
	B.Sc. in Physics	King Saud University	2012
	Dip. in Programming Technology	Alalamiah Institute	2008
Employment	Lecturer	IMSIU -Saudi Arabia	2019 – Present
	Teaching Assistant	IMSIU - Saudi Arabia	2014-2019
	Teaching Assistant	KSAU- Saudi Arabia	2012-2013
Research and development projects over the last 5 years	Name of project or research focus: NA Partners, if applicable NA		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5 years	NA		

Name	Fadiyah Mohammad Alkhalaf		
Post	Lecturer (Nuclear Physics)		
Academic career	M.Sc. in Physics	Imam Mohammed bin Saud University	2018
	B.SC. in Physics	Princess Noura University	2009
Employment	Lecturer	IMSIU	2018-Present
	Teaching assistant	PNU	2010-2015
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5 years	NA		

Name	Najah Nijir Alotaibi		
Post	Lecturer		
Academic career	M.Sc. in Physics	AL-Imam Mohammad Ibn Saud Islamic University	2019
	B.Sc. in Physics	Princess Nora bint Abdul Rahman University	2010
Employment	Lecturer	IMSIU -Saudia Arabia	2020 – Present
	Teaching assistant	IMSIU - Saudia Arabia	2016-2019
Research and development projects over the last 5 years	N/A		
Industry collaborations over the last 5 years	Project title: N/A Partners: N/A		
Patents and proprietary rights	N/A		
Important publications over the last 5 years	N/A		
Activities in specialist bodies over the last 5 years	N/A		

Name	Manal Khalid Aldail		
Post	Teaching Assistant		
Academic career	M.Sc in Theoretical Physics	King Saud University Imam Mohammad Ibn Saud Islamic University (IMSIU)	2024
	B.Sc in Physics		2014
Employment	Teaching Assistant	IMSIU-Saudi Arabia	2014-present
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Ahlam Saeed Alshahrani		
Post	Lecturer		
Academic career	M.Sc. in Physics	AL-Imam Mohammad Ibn Saud Islamic University	2020
	B.Sc. in Physics	King Khalid University	2009
Employment	Lecturer	IMSIU -Saudi Arabia	2022 – Present
	Teaching assistant	Shaqra University - Saudi Arabia	2012-2022
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5 years	NA		