CURRICULUM VITAE

PERSONAL DATA

Name	*Dr. Khadijah Saad Obaid Namshah*
Nationality	*Saudi*
Position	*Associate Professor, Department of chemistry*
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EDUCATION

Year	Academic Degree	Institution
19/01/1438 H.	*PhD Degree in Chemistry, Inorganic Chemistry*	*King Abdulaziz University,*
09/08/1429 H.	*Master's Degree in Chemistry, Inorganic Chemistry*	*King Khalid University*
09/03/1421 H .	*BSC in Chemistry with Excellent Grade (with Honor) Ranked as first of Class in Education College*	*College of Educatio and Scince,*

WORK EXPERIENCE

Period	Position	Address
from 20/07/1445 H until now	*Associate professor*	*Imam Mohammad Ibn Saud Islamic University*
from 4/06/1442 H until 25/01/1445H	*Seconded Assistant professor*	*Imam Mohammad Ibn Saud Islamic University*
from 21/01/1443 H until 19/07/1445 H	*Associate professor*	*King Khalid University*
from 06/08/1438 H until 21/01/1443 H.	*Assistant professor*	*King Khalid University*
from 21/06/1432 H until 06/08/1438 H.	*Lecturer*	*King Khalid University*
from 06/08/1425 H until 21/06/1432 H.	*Teaching Assistant*	*College of Scientific Education (for Girls) in Abha*

RESEARCH INTERESTS

Mainly focused on the design of "Nano-Size controlled Eco-Materials" including photocatalysts. Photo-functional materials. Environmental catalysts. Nano-catalyst in the search for the development of clean energy and establishment of cost-saving environmental purification processes. The main targets are Photocatalyst, photo-functional materials, nano-catalysts, environmental catalysts, visible or solar light-sensitive photocatalysts, hydrogen production catalyst, zeolites, mesoporous materials, semiconductors, and green chemistry

PUBLICATIONS

- *K.S. Namshah and RM.Mohamed, Nd doped bi_2o_3 nanocomposites simple synthesis and improved photocatalytic activity for hydrogen production under visible light, applied nanoscience, 8(2018) 1233-1239.*
- *K.S.Namshah ,E.S.Baeissa and RM.Mohamed, Effect of Weight Percent Tetrapropoyl Ammonium Hydroxide Solution on Chemical and Photo Catalytic Properties of Titanium Dioxide Nanoparticles, Frontiers in Nanoscience and Nanotechnology, 7(2016) 169-172.*
- *K.S.Namshah, A.A.Saleh, Synthesis Spectroscopic and Biological Characterization of Cr (l 1 1) , Mn(l 1), Ni(l 1), and Cu(l 1) Complexes with New Macrocyclic Tetradentate Shiff Base Ligands [NJ) Published in the Egyptian Chemical Journal in 2010.*
- *Khadijah S. Al-Namshah, A novel strategy for tailoring Ag-ZnO nanowires for photocatalytic mercury removal, Desalination and Water Treatment, 8, 132(2018) 224-229.*
- *K.S. Namshah and RM.Mohamed, Silver-Doped Antimony Trioxide Nanocomposites for the Photocatalytic Reduction of Nitrobenzene, Nanoscience and Nanotechnology, (2019) 1-8 Inpress.*
- *Khadijah S. Al-Namshah, Decoration of zinc oxide nanospheres by platinum nanoparticles driven visible light for hydrogen evolution, applied nanoscience, 9(2019) 461-467.*
- *Khadijah S. Namshah. Reda M. Mohamed, $W0_3$-$Ti0_2$ nanocomposites for paracetamol degradation under visible light, Applied Nanoscience, 1 1 (2018) 2021-2030.*
- *Khadijah S. Namshah. Reda M. Mohamed, Co_30_4-$Zr0_2$ nanocomposites: simple preparation and enhanced photocatalytic performance for cyanide degradation under visible light, 10(2019)1-9.*
- *S Rex Rosario, I Kulandaisamy, AMS Arulanantham, KDeva Arun kumar, S Valanarasu, Mohamed S Hamdy, K.S.AI-Namshah and AbdullahMAlhanash, Analysis of Cu doping concentration on PbS thin films for the fabrication of solar cell using feasible nebulizer spray pyrolysis, 6(2019)056201.*
- *Abdullah M. Alhanash, Khadija S. AI-Namshah and Mohamed S Hamdy, The effect different physicochemical properties of titania on the photocatalytic decolourization of methyl orange, 6(2019) 075519.*
- *Abdullah M. Alhanasha, Khadija S. AI-Namshaha, Sahar K. Mohamed, Mohamed S. Hamdy, One-pot synthesis of the visible light sensitive (-doped ZnO@g- C3N4 for high photocatalytic activity through Z-scheme mechanism, Accepted: 186(2019)34-40.*
- *A. Rohini Devi, A. Jegatha Christy, K. Deva Arun Kumar, S. Valanarasu, Mohamed S. Hamdy, K. S. AI-Namshah, Abdullah M. Alhanash, Dhanasekaran Vikraman, Hyun-Seok Kim, Physical properties evaluation of nebulized spray pyrolysis prepared Nd doped ZnO thin films for opto-electronic applications,7March (2019) 1 - 11 .*
- *K.S. Al-Namshaha , R.M. Mohamed, Decoration of MoO3 nanoparticles by MWCNTs driven visible light for the reduction of Cr(VI), Ceramics International, Volume 46, Issue 5, 1 April 2020, Pages 6914-6919.*
- *Kamlesh V. Chandekar, Mohd Shkir, Badria M. Al-Shehri, S. AlFaify, Rajendra G. Halor, Aslam Khan, Khadijah S. Al-Namshah, and Mohamed S. Hamdy. "Visible light sensitive Cu doped ZnO: facile synthesis, characterization and high photocatalytic response." Materials Characterization 165 (2020): 110387.*
- *Kamlesh V. Chandekar, Mohd Shkir, S. AlFaify, Badria M. Al-Shehri, Khadijah S. Al-Namshah, and Mohamed S. Hamdy. "A noticeable consistent improvement in photocatalytic efficiency of hazardous textile dye through facile flash combustion synthesized Li-doped ZnO nanoparticles." Journal of Materials Science: Materials in Electronics 32, no. 3 (2021): 3437-3450.*
- *Mohamed S. Hamdy, Kamlesh V. Chandekar, Mohd Shkir, S. AlFaify, Essam H. Ibrahim, Zubair Ahmad, Mona Kilany, Badria M. Al-Shehri, and Khadijah S. Al-Namshah.*
  "Novel Mg@ ZnO nanoparticles synthesized by facile one-step combustion route for anti-microbial, cytotoxicity and photocatalysis applications." Journal of Nanostructure in Chemistry 11, no. 1 (2021): 147-163.

- *Mohamed S. Hamdy, Badria M. Al-Shehri, Khadijah S. Al-Namshah, and Mohd Shkir. "Synthesis, characterization, and photoluminescence property of Nd–TUD-1." Luminescence 36, no. 1 (2021): 192-199.*
- *Khadijah S. Al-Namshah, Sivalingam Muthu Mariappan, Mohd Shkir, and Mohamed S. Hamdy. "Photocatalytic degradation mechanism of Ce-loaded ZnO catalysts toward methyl green dye pollutant." Applied Physics A 127, no. 6 (2021): 1-10.*
- *Khadijah S. Al-Namshah, Mohd Shkir, and Mohamed S. Hamdy. "Enhanced Photocatalytic Performance of One-Pot Flash Combustion Synthesized ZnO Nanoparticles: An Effect of Bi Doping." Journal of Inorganic and Organometallic Polymers and Materials 31, no. 11 (2021): 4338-4348.*
- *Baskaran Palanivel, Mathiazhagan Lallimathi, B. Arjunkumar, Mohd Shkir, T. Alshahrani, Khadijah S. Al-Namshah, Mohamed S. Hamdy, S. Shanavas, Munusamy Venkatachalam, and G. Ramalingam. "rGO supported g-C3N4/CoFe2O4 heterojunction: Visible-light-active photocatalyst for effective utilization of H2O2 to organic pollutant degradation and OH radicals production." Journal of Environmental Chemical Engineering 9, no. 1 (2021): 104698.*
- *Khadijah S. Al-Namshah, Mohd Shkir, Fatma A. Ibrahim, and Mohamed S. Hamdy. "Auto combustion synthesis and characterization of Co doped ZnO nanoparticles with boosted photocatalytic performance." Physica B: Condensed Matter 625 (2022): 413459.*
- *Al-Namshah, Khadijah S. "The utilization of ball-mill in the fabrication of metallic titanium incorporated carbon nitride as an active visible light sensitive photocatalyst." Inorganic Chemistry Communications (2022): 109194.*
- *K.S. Al-Namshah, " Synthesis of MoS2-loaded Co304 nanocrystals for endorsed photocatalytic reduction of mercury (II) ions under visible light" Optical Materials 142 (2023) : 114114.*