

Student name	PI-name	Co-PI Name	Graduation date (year)	Title of the thesis	Identity Key words Alignment with the new identity of the University	Published Articles
فاطمة علي الحجى محمد	د. هاني عبد اللطيف	د. مي خلف	2020	Nickel Ferrite Nanoparticles: Synthesis, Characterization and its Electrocatalytic Application	Energy and Environment	
نورة فهم الملحم	د. هاني عبد اللطيف		2020	Electrocatalytic Oxidation of Urea on Binary Metal Oxides Nanocatalysts"	Energy and Environment	
كوثر العبد الله	د. ممدوح عبد السلام	د. ابراهيم الغمري	2020	Electrocatalytic activities of porphyrin composite electrodes in water splitting reactions	Renewable energy	
عبد الرحمن العبلان	د. ممدوح عبد السلام	د. ابراهيم الغمري	2020	Heterogeneous Organic Molecular Composite Catalysts for Electrochemical Reactions	Renewable energy	Hydrogen Gas Generation Using Self-Assembled Monolayers (SAMs) of 5,10,15,20-Tetrakis (p- Thiophenol) Porphyrin on a Gold Electrode
سامية الجندان	د. ممدوح عبد السلام		2020	SYNTHESIS OF NANOPOROUS COMPOSITES AND ITS APPLICATION FOR REMOVAL OF ORGANIC TOXIC COMPOUNDS	Environment and Renewable energy	
حوراء البن صالح	د. عصام بكير		2020	Study of the photochemical properties and the applications of Ruthenium(II)- complex containing triphenylamine	Renewable energy, solar cell	
نهال ممدوح عدلي السيد	د. محمد شاكر	د. هاني الصاوي	2020	Catalytic and biological studies on new synthesized ionic and nonionic transition metal complexes of arylhydrazone ligands	Biological and Industrial applicable fields	
سارة معاش	د. نديم صادق شيخ	د. ايمان بياش	2021	Synergistic computational and synthetic design towards photo induced generation of novel hydroxylamine	Renewable Energy	
آلاء عيسى العويس	د. عباده الرحمن	د. منال حسين	2021	Dinuclear rutheniumalkenyl complexes with hydroxypyridine dericed co-ligands: Synthesis, characterization, and density functional theory calculation	Catalysis	
نوره الفايز	د. ابراهيم الغمري	د. هاني الصاوي	2021	Design, synthesis and biological evaluation of sultams derived from saccharin	Biotechnology	
وداد عبد الله البخيت	د. محمد جوده		2021	Synthesis of metal/cellulose bioactive nanocomposites for water treatment and disinfection	Nanocomposite in the water treatment	
سفانا الكليب	د. احمد عمر النجار	د. عصام بكير	2022	Determination of nitrogen based pharmaceutical compounds using high performance liquid chromatography and spectrofluorometric methods via controlling nature of complexes with Eosin dye ion pairing agent	Pharmaceutical compounds	
ميمونه الذكر الله	د. احمد عمر النجار	د. ابو بكر ادريس	2022	Development of a new capillary electrophoresis assay method for pioglitazone and metoformin in pharmaceutical formulations and human urine	Pharmaceutical compounds	
عبد المحسن السلطان	د. حسن طرابلسي	د. محمد شوقي	2022	Metal nanoparticles with different capping agents: Synthesis, characterization and catalytic activity in the reduction of 2,4- dinitrophenol	Environment	
حوراء عبد الكريم بو خمسين	د. احسان حمود	د. نسرين العتيبي	2023	Synthesis and applications of nano catalysts from some transition metal oxides	NanomaterialsNanotechnologyCatalysis	Bis(dimethylpyrazolyl) aniline-striazine derivatives as efficient corrosion inhibitors
دليل عيسى الحضري	د. احسان حمود		2023	Synthesis, Characterization, and study of the electrochemical and catalytic properties of iron graphitic carbon nanocomposites	NanomaterialsNanotechnologyCatalysis	
بتول طاهر ابراهيم الأوي	د. نازيش براقين	د. ساجد علي الاتصاري	2023	Design and preparation of NiS based electrodes for super capacitors applications	Energy	
جميلة سعد غازي العتيبي	د. ياسر الفايز	د. سعد شعبان	2023	Synthesis and novel hydroxamic acid hybrids and study of their possible application	Health science	
بتول حبيب محمد العبد الله	د. سعد شعبان	د. ياسر الفايز	2023	Synthesis of novel organochalcogen and study their potential biological applications	Health science	
عائشة العتيق	د. عبد الواحد رشاد	د. ياسر الفايز	2023	Design and synthesis of novel thiazols	Alternative Energy	
فاطمة السعيد	د. محمد جوده	د. محمد الصعير	2023	Synthesis of Drug Delivery System Based on MetalOrganic Frameworks /Cellulose Nanohybrids	Application of nanocomposites in the Medicin	
مروة عبده حسين سك	د. سعد شعبان	د. هاني الصاوي	2023	Synthesis and evaluation of the anticancer activity of multifunctional of organochalcogen based redox modulators	Health science	
منيرة فوزي محمد الاريش	د. عبد الواحد رشاد	د. ياسر الفايز	2023	Development of convenient methods for the synthesis of novel heterocycles via hydrazonyl halides	Water treatment	
منال عبدالوهاب الشعبي	د. محمد جوده	د. هاني عبد اللطيف	2024	Development and Validation of Spectroscopic Method for the Simultaneous Determination of Carvedilol and Ivabradine in Pharmaceutical Formulation	Health	
نوره التيسان	د. ابراهيم الغمري	د. ممدوح عبدالسلام	2024	Design, synthesis, and electrochemical characterization of novel porphyrin macromolecules	Renewable energy	
شروق لرضي	د. كوثر العامر	د. شروق العيثان	2024	Synthesis and characterization of Twodimensional Molybdenum disulfide and gold nanoparticles as catalysts for water splitting Hydrogen generation	Renewable energy	
نادية المطلق	د. ايمان بياش	د. ابتسام سعد	2024	Computational insight toward thermally stable dihydroazulenevinylheptafulvene photoswitches A	Industry	
زهراء العطية	د. احمد خليل	د. محمد شاكر	2024	Synthesis and spectroscopic studies of new oxygen and nitrogendonor ligands and their applications	Industry	Substituent effect on the chemical and biological properties of disatin dihydrozone Schiff bases: DFT and docking studies
الهونوف الغاتم	د. محمد شاكر	د. احمد خليل	2024	Applicable reactivity study of dinuclear transition metal-organic frameworks of aryl hydrazones	Industry	Complexation behavior of copper and zinc divalent ions towards disatin makonyldihydrozone ligand with biological and catalytic assessments
حسين باغزال	د. سعد شعبان	د. ياسر الفايز	2024	Design and synthesis of organoshalcogen heterocycles	Industry	Organoselenium-based Azomethines as Apoptosis Inducers in Colorectal Carcinoma via P53, BAX, Caspase-3, Caspase-6, and Caspase-9 Modulations Recent advances in the synthesis of organoselenium heterocycle conjugates
روابي الحميد	د. عصام بكير	د. نسرين العتيبي	2024	Studying the photochemical conversion mechanism of fluoresein dye for detecting the concentration of starch	Industry	
هبة عبد المنعم جعفر الرمضان	د. عبد الله احمد البشر	د. احمد عمر النجار	2024	Inclusion complex of beta- blokers with beta- cyclodextrin and their analytical applications	Health	
لطيفة البوطيبه	د. أمل ابراهيم	د. ماهش آدم	2024	Development and Validation of Spectroscopic Method for the Simultaneous Determination of Carvedilol and Ivabradine in Pharmaceutical Formulation	Health	