



GRADUATION PROJECTS

CHEMISTRY DEPARTMENT



Project Supervisor	Students' names	Project Title
Dr. Lamia Albedair	Haya salem alqahtani Hajar mohammed alkathiri Yara saeed awdah	THE STUDY OF USES MORINGA OLEIFERA TO REMOVE HEAVY METALS FOR WATER PURIFICATION (REVIEW)
	Enayah Mustafa Alshanawani Hetaf abdulcream Alshrhan Fulwah Hassan Alhammad Ghaida mohammed alabdullatef	The Adsorption of Methylene Blue, Methyl Violet, and Pararosaniline Chloride Dye from Water by Using Moringa Oleifera Leaves
Dr. Hana Abu-melha	Waad al anazi Alaa al anazi Mona khalid Manal theeb	Natural Chemical Compounds Separated from some Medicinal Plants
Dr. Jamelah Alotaibi	Amal Fahad Almutiri Hissah Mansour Alsuwailem Rawabi Abdullah Alshaibani Mada Majed Saqli	Spectroscopic and thermodynamic studies of Osteoporosis drugs

	Fadyh Mohammed Alhabib, Lama Abdulrahman Almofleh Manar Muhanna Alruhimi, Nada Khalid Alotaibi	COMPUTATIONAL STUDIES OF MOLECULAR STRUCTURES AND SPECTROSCOPIC PROPERTIES OF SOME ANTIDEPRESSANTS
Dr. Salhah AlQahtany	Taima Bin Swaidan Layla Almenhali Marwa Ben Taleeb Najd AL Raihan	ANALYTICAL STUDY FOR DETERMINATION OF HEAVY METAL ACCUMULATION IN SOME FISH SPECIES
	Albandri Obaid Albuqami Lama Abdulrhman Alshalaan, Lama Faisal Alquwaidi Lama khalid Aladwan	Removal of heavy metal contaminants from aqueous solution by adsorption technique using biomaterials
Dr. Ghadah Al-Senani	Renad Alotaibi, Bashayir Almutairi Noura Althuwaini Atheer Almuzaini	SYNTHESIS OF PS/RB-NCS AND ITS USE IN THE TREATMENT OF WATER POLLUTED WITH HEAVY METALS
	ATHEER Alotaibi MANAR ALZUHAIRI GHOSON ALMALKI	Synthesis of PS\C-NCs as corrosion inhibitor of Aluminum in 3.5% NaCl Solution
Dr. Dalal Bin Jawhar	Haya Mesfer Alqahtani Norah Marei Alenazi Noura Mofleh AlQahtani Sarah Faisal Almolaifi Shahad Mohammed Alharthi Walaa Abdulrahman AlGhamdi	Skin Aging and the application of stem cells therapy as a promising treatment for anti-aging
Dr. Foziah AlSaif	Aisha Salman Aldreweesh Ghada Ahmed Alkhalidi Fay Rashed Alzhrani Norah Faris Alotaibi	Silica nanoparticles (SiO ₂ NPs); synthesis, characterization, and most important applications
	Azzah AbdUlfattah Ghanim, WEDAD FAHAD ALOTAIBI	GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLE, CHARACTERIZATION AND BIOMEDICAL APPLICATIONS

	RAZAN OTHMAN BARHEEM JAWAHER IBRAHEM BIN RAYES	
Dr. Meznah Altowyan	Hafsa ameen Rawan Hassan Rwzan omar Zainab ameen	Bisphenol A (BPA)
	Aisha Alharthy Ghaithah Alalyani Rahaf Alshehri Shoog Alessa	Metformin
Dr. Afnan Ali Hakami	Yasmen Abdulaziz Al- Qahtani Afnan Mohammed Alamri Norah Salem Al-Qtaibi Fay Safar Almalki Reem Abdullah Alsuhaibani	ULTRA-PERFORMANCE LIQUID CHROMATOGRAPHY FOR DYES ANALYSIS
Dr. Najla Al-Masoud	Batool Abdulrahman AL- sudairi, Samar Abdulaziz Almutlaq, Ragad Suliman Alamr, Heetaf Khalid Alowais,	Green Nanotechnology Synthesized Silver Nanoparticles: Characterization and testing its antibacterial activities
Dr. Jihan Alhamidi	Alanoud Almoraishd Huda Alshahrani Sarah Mosa Nouf Alsubaie	Olefin production using zeolite as a catalyst: opportunities & challenges enhancing the production of olefins: challenges and opportunities
	Atheer Al-Wasel Jwan Al-Fayyad Renad Al-Shammari	Preparation of olefins from heptane in the presence of a zeolite catalyst
Dr. Amani Alturiqi	Rand Alghamdi Kholoud Albladi Alanoud Alenazi	DETERMINATION OF BORIC ACID IN COMMERCIAL SAMPLES USING VOLUMETRIC ANALYSIS

	Sarah Alsabti	
Dr. Rasmiah Almufarij	Asma A. Alshehri, Omaimah I. Ben Deheish, Danah K. Aladwani, Raghad A. Alsalman, Jawaher A. Alqahtani Rawan G. Alharthi, Jumana H. Alshehri Zainab A. Alhinabi	Analysis of PE from Wastewater Caps to Ensure their Safety for Future Economic Uses.
Dr. Abeer AL-Habeeb	Raghad Fawaz A AL-Tayash, Rand Majid H AL-Hamzah, Seeta Walid S AL-Hassan,	SYNTHESIS, SPECTROSCOPIC, BIOLOGICAL STUDIES AND ANTIMICROBIAL INTERPRETATIONS OF SC(III), Y(III), HF(IV) COMPLEXES WITH MOXIFLOXACIN HYDROCHLORIDE DRUG
Dr. Maha Alnoussier	Almutairi Salem Hanadi Najla Waleed Allhedan Fatimah Mohammed Al-fnikh	DETERMINATION OF PHYSICAL PROPERTIES AND CHEMICAL ELEMENTS AS A MEASURE OF THE VALIDITY OF VEGETABLE OILS
	Maha Bander Alanazi Reem Ali Alharbi	Determination of the Proper Dose of Septrin (Co-trimoxazole) to Inhibit Some Microorganisms Using Ultra-visible and Infrared Spectrometers
Dr. Fatima ALKhadair	Arwa Salem AL-Salem, Rahaf Munner Alotaibi, Haya Jreas Alotaibi, Bekhetah Saleh Alsaari,	Medical and Industry Application of some Actinides Elements
Dr. Laila Almutbagani	Albandari Saad Alqahtani, Amira Qasem Ali, Dana Ahmed Abuobaid, Shadan Mohammed Aljuaid,	Chemical Pesticides and their effects
Dr. Muneera Al-Saleem	Nouf Al-Omran Rana Al-Rashed	Natural Chemical Compounds Separated from some Medicinal Plants
Dr. Kholoud Al Ibrahim	Sara Alamodi Lama Alnassar Nourah Alsowena	Commercial Hair Dyes and Human Health: A review

	Hetaf Alwabel	
Dr. Fowzea Alfozan	Rahaf AlBogami Reem AlSaran Ghadah Alotaibi Nouf Alkiraia	Enhancing The Performance of Dyes Sensitized Solar Cells Using Metal Oxides and Ruthenium Sensitizers
Dr. Khairia Al-Qahtani	Wateen alaql, Ranim alqahtani, Waad almuqhim, Alanoud almayouf,	WATER PURIFICATION USING COFFEE HUSK
Dr. Najala Al shaye	Shoog atiah almalki, Amirah naif alshammari,	BIODEGRADABLE PLASTIC
	Nouf Mohammad qisi Rahmah Abdulrahman Albashiq	BIOFUELS
Dr.Samar O. Aljazzar	Naseem Mohammed AL-shahrani Rawan Ebrahim Qassem	ANALYTICAL STUDY OF METFORMIN DRUG AND ITS BENEFITS ON CANCER TREATMENT AND WEIGHT LOSS
Dr. Hadeel Alabdulmonem	Abrar Khaled Alotaibi, Aisha Hassan Alasiri,	Spectrophotometric determination of sodium benzoate in beverages using the catalytic enhancement of green synthesized silver nanoparticles
Dr. Tarfah Al-Warhi	Hadeel Nasser AlHowail Salma Turki AlMutiri Sarah Khalid AlHajri Lujain Abdulaziz AlHarbi	SYNTHESIS AND CHARACTERIZATION OF CARBON NANODOTS USING HYDROTHERMAL METHOD (CARDAMOM) AND MICROWAVE PYROLYSIS METHOD (CRESS GARDEN SEEDS ((LEPIDIUM SATIVUM)
Dr Khadijah Katubi	Haneen Abdulmalik Almogbel Hissah bint Khalid Alsaloum Rawan bint Rami Eid Afnan Fahad Alshahrani Raghad Mansour Alhousini Tagreed Saleh Alotaibi Sarah Mohammed Alrqas	RENEWABLE AND NONRENEWABLE ENERGY

Laila Turki Al-Harbi	Protection of bamboo wood from rotting using zinc oxide (ZnO)
Munira Mirbah Al-Rashidi	Photocatalysis
Shahira Mahdi Al-Enezi	Iron sulfate complexes: anemia
Ibtisam Mayouf Al-Aswad Al-Anzi	Complexes with chelated ligands in pharmaceuticals
Ibtisam Abdullah Al-Enezi	Silicon industries (glass)
The glories of Muhammad Al-Tihani	Water purification using nanotechnology and its comparison with traditional methods: inorganic compounds and the environmental applications
Aisha Alsadoon	Nanomaterials in the Environment: Nanoparticles and Their Effect on The Body of living Creature
Sara AlMansour	Nanomaterials in the Environment: Nanoparticles in Aquatic System; Nanotoxicity
Budor Abuhaimed	Nanomaterials in the Environment: Nano-food Packaging : An Overview of Market
Maha Alqahtani	Nanomaterials in the Environment: The Prospects of Nanotechnology in Agriculture
Raghad Al-draimly	INORGANIC SOLAR CELLS AND BEYOND:
Bashayer Mohammed Alghamdi	Nanocrystalline and Microcrystalline Solar Cell
Hamdah bint Khaled Alanzi	SOLAR CELL
Marah Khaled alkhudairi	inorganic solar cell
khlod Yosef Mohammed Awali	Organic solar cell
Deema Nasser aldgheem	Dye-sensitized solar cell
Najwa bint Hamoud Almutairi	Polymer solar cell
Rawan Hakem Alenazi	Nanocrystalline Solar Cell

	Nouf Abdullah Al-Thuwaibi	MODIFICATION OF TITANIA: Nanoparticles
	Nada Youssef El Youssef	MODIFICATION OF TITANIA: Metals in Cancer Treatment
	Rashaa Omar Al-Otaibi	MODIFICATION OF TITANIA: Titanium Dioxide
	Nouf Saleh Al-Mutairi	MODIFICATION OF TITANIA: Copper in Cancer Treatment
	Amal Nasser Al-Ghamdi	MODIFICATION OF TITANIA: Titania-Cu
	Maali Saud Al-Bogami	MODIFICATION OF TITANIA: Some Metals and Anions TiO_2 / $CuCl_2$
	Wejdan Alanzi, Kholoud Alotaibi, Fatmah Alanzan, Modhi Alsubaie, Thekra Abaoud, Fai AlSulaim, Sara Almanaa,	Titanium Dioxide in Diseases Treatment