Participants

Poster no.	Scientific Poster Title	Participation Track	Department	Name	#
1	Preparation and application of nonstructured carbon from oil fly ash for growth promotion and improvement of agricultural crops with different	Faculty Members	Biology	Dr. Nadia Al Abdullah	1
2	Antimicrobial Activity of Green Synthesized Silver Nanoparticles Using Waste Leaves of Hyphaene thebaica (Doum Palm(				2
3	Molecular and phytochemical features of three Saudi Arabian desert truffles and their extract silver nanoparticles associated with their antimicrobial activities against selected pathogens.			Dr. Hessa Al Shawaya	3

4	A putative cytotoxic serine protease from Salmonella typhimurium UcB5 recovered from undercooked burger			Dr. Hannan AlMahashir	4
5	Development of a promising antigenic cocktail for the global detection of Babesia caballi in horse by ELISA			Dr. Hanadi Baghdadi	5
6	Morphological and molecular approaches of the nematode parasite Desportesius invaginatus (Acuariidae) infecting the cattle egret Bubulcus ibis (Ardeidae)				6
7	Preparation and Characterization of a RenewableStarch-g-(MA-DETA) Copolymer and Its Adjustment for Dye Removal Applications	Faculty Members	Chemistry	Dr. Azza Abdullah Alghamdi	7

8	Free Radical Copolymerization of Diallylamine and Itaconic Acid for the Synthesis of Chitosan Base Superabsorbent			Prof. Abeer Saeed	8
9	Preparation, characterization, and antibacterial competence of silymarin and its nano-formulation			Dr. Kamal Adel	9
10	The Role of the Ferroelectric Polarization in the Enhancement of the Photocatalytic Response of Copper-Doped Graphene Oxide–TiO2 Nanotubes through the Addition of Strontium			Prof. Hafedh Kochkar	10
11	Visible-light-driven selective esterification of benzaldehyde derivatives using strontium-modified 1D titanium dioxide nanotubes.				11

12	Multi-stage Learning Method for Breast Cancer Recurrence Prediction	Faculty Members	Math	Dr. Maram Al Wahaibi	12
13	Investigation of radiation shielding features for some types of commercial granites collected from Saudi Arabia	Faculty Members	Physics	Dr. Nidaa Abdulqader Alohali	13
14	Detecting lysozyme unfolding: Via the fluorescence of lysozyme encapsulated gold nanoclusters			Dr. Noura Al-Kudaisi	14
15	Microstructural, optical, and electrical properties of Eu, Tb co-doped ZnO micropods elaborated by Chemical Bath Deposition on a p-Si substrate			Dr. Afif Naji Al-Fawzri	15
16	A survey of elastase-producing bacteria and characteristics of the most potent producer, Priestia megaterium gasm32	Postgraduate (Master)	Biology	Ghada Mubarak Alsheikh	16

17	Bioethanol Production from Lignocellulosic Biomass Using Aspergillus niger and Aspergillus flavus Hydrolysis Enzymes through Immobilized S. cerevisiae			Asma Al-Mutairi	17
18	Analytical Solutions of some fractional-order biological models	Postgraduate(Master)	Math	Rawan Abdullah Aba Hosein	18
19	Hybrid MXene Graphene/Hexagonal Boron Nitride Structures: Electronic and Molecular Adsorption Properties. Nanomaterials	Postgraduate(PhD)	Physics	Fawzia Suwayan Masoud Alhajri	19
20	Hybrid G/BN@2H-MoS2 Nanomaterial Composites: Structural, Electronic and Molecular Adsorption Properties			Amal Shafi Alkhalidi	20

21	Investigation of dual porous silicon decorated by ZrO2/Al2O3nanoparticles for their performance in photovoltaic applications			Maha Alanazi	21
22	Study of nickel-foam coated graphene sheets with various pore-density for electrical and thermal barrier applications			Nouf Al Salim	22
23	Gamma-ray-induced changes in the radiation-shielding, structural, mechanical, and optical properties of borate, tellurite, and borotellurite glass systems modified with barium and bismuth oxide			Awatef Farhan Hathal Alshammari	23
24	Layered Double Hydroxide Composites as Inorganic Nano-fillers@Polyvinyl Polymer as Anti-corrosion Coatings on Mild Steel	Postgraduate (Master)	Chemistry	Hissa Alloush Alqahtani	24

25	Graphitic carbon nitride for assisted photocatalysis approach of strontium doped TiO2 nanotubes for degradation of organic pollutants in water.			Modi Nasser Al , Subaie	25
26	Synthesis of natural and eco-friendly grafted starch for water treatment: An analytical solution using artificial intelligence techniques			Lulwa Tawfiq Al , Fuhaid	26
27	photoelectrocatalytic degradation) of tetracycline using ZnO/CNT thin films prepared by a modified electrodeposition technique			Ghaida Marwan Wazan	27
28	Synthesis, and experimental evaluation of novel 4-(-3-(2-hydroxyethoxy)-3-oxopropenyl)-1,2-phenylene nanohybrid derivatives as potential corrosion inhibitors for mild steel in 1 M HCl			Munira Al Marzouq	28

29	Zeolitic imidazole framework/silica nanocomposite for targeted cancer therapeutics.	Postgraduate (PhD)	Chemistry	Hind Ghoneim Alotaibi	29
30	Cellulose based materials for water treatment Applications			Bushra Alabdullatif	30
31	Corrosion inhibition of aluminum by novel ball-type phthalocyanines in hydrochloric acid solution			Najah Farhan Alrashidi	31
32	Modification of hydrophobic polymer membranes with β-cyclodextrin Nano fillers			Wadha Nouran Al - Rashidi	32
33	Charge-and size -selective ions sieving throughout fungi modified Ti3C2Tx Mxene based membranes			Eman Gharib Alhajri	33
34	Modification of polysulfone based materials to enhance			Lamia Abdul rahman Alsulaiman	34

	their performance in water treatment application.				
35	Floristic composition and diversity in Jana Island, Saudi Arabia	Bachelor (Graduation Project)	Biology	،Zainab Khalif ،Shaza Al-Duhami Fatima Al-Munira ،Abdullah Hana ،Al-Buainain Al-Sulaiman	35
36	Characterization and antimicrobial activity of biosynthesized silver nanoparticles from Avicenna marina extracts			Batoul Al-Jaroudi, Doaa Al-Khabbaz, Rayhana Al-Said, Samar Al-Ghamdi	36
37	Wastewater Treatment Plant Utilized Materials			Maha Ahmed, Yaqeen Maitham, Nadia Al-Khalidi, Iman Al Makram	37
38	Common viral and bacterial respiratory diseases in Saudi Arabia			Amani Al-Shawaf, Bayan Al-Attiyah	38

39	Filtering Methods and feature selection in the medical field		Math	Haneen Al-Baali, Hanan Al-Subaie, Hind Al-Abdulkarim, Nour Al-Salloum, Zahraa Al-Hamran	39
40	A numerical computing for the distribution of bivariate random transformations and its best fitting by the Weibull distribution			Atheer Al-Mutairi, Razan Al-Omari	40
41	In Vitro Antimicrobial activity of synthesized Chromium doped Zinc Oxide Nanoparticles against *Pseudomonas Aeruginosa*		Physics	Razan Al-Bukhari, Yasmine Al-Ashidi, Lama Al-Ahmari	41
42	Effect of CuCl2 nanomaterials addition on the electrical properties of NiO/MnO2 based solid supercapacitor			Salma Al-Khatim, Samar Al-Saleem, Muntaha Al-Shammari, Maha Al-Enezi, Khadija Al-Zaraa	42

43	Green Synthesis, Characterization and Applications of Chitinase	Bachelor (Training)	Biology	Safaa Khalil Al-Batoul ،Zuwaid ،Musa Al-Jaroudi Sakina Musa Al-Jaroudi	43
44	Intervention of Nanotechnology for the Treatment of some Important Bacteria found in wastewater.			Laila Aldossary	44