

Graduation projects for the academic year 2020-2021 General Materials Engineering Branch

Student Name	Lecturer Name	Project Name	No
Masara Tasnim	Abbas Kh.	Effect of nanocoating on hot corrosion of steel T22	1
Lubna Tuqa	Rana A.	Applying coating to minimize corrosion risk	2
Tabark Fatima	Aseel B.	Size effect of waste compact disc shred on mechanical properties of cement mortor	3
Zahraa Ammar	Layth Q.	Evaluation of Mechanical Behavior of 6061 Aluminum Alloy Using Heat Treatment	4
Ali Gufran	Nevein J.	Evaluating the corrosion behavior of aluminum alloys in organic acids	5
Maryam Hasan	Ahmed A.	Investigation of Mechanical properties of Recycled Babbitt alloys	6
Yaqin Mays	Raad S.	Effect of Annealing on Mechanical Properties of Cu-based Shape Memory Alloys	7
Tabarak Zena	Hind B.	Comparative mechanical properties between PLA and ABS	8

Omer Malak	Ahmed H.	The effect of crumbs particles size of recycled tires' rubber into physical and mechanical properties of rubberized concrete	9
Saja Huda	Arwa F.	Mechanical properties (surface roughness) of Arc welded Metallic alloy	10
Samira Sara	Mervit M.	- Study the effect of CNT on the corrosion behavior of Al-4% Si alloy	11

Graduation projects for the academic year 2020-2021 Ceramic and Building Materials Engineering Branch

Student Name	Lecturer Name	Project Name	No
Fatima Sara	Fadel A.	Study the effect of adding MgO nano size on thermal properties of SiO ₂ -Al ₂ O ₃ system	1
Shahad	Fadel A.	Study the effect of adding MgO nanosize on the mechanical properties of SiO-Al ₂ O ₃ nano system	2
Qasim Kawthar	Saad B.	Excel calculations of glass properties based on composition	3
Zain Hajer	Alaa A.	Fabrication of Metal Oxide Nanopowder for Bio Application	4

Tabarak Albatool	Basma H.	Study the effect of carbonic nanomaterial on the fracture strength of Aluminum.	5
Noor Aya	Basma H.	Study the effect of carbonic nanomaterial on the tensile strength of Aluminum.	6
Haneen Haya	Hana A.	Preparation and Characterization of electroless of Ni-composite coating	7
Aya Mustafa	Mena F.	Applying of CaSiO ₄ composite coating by dip method	8
Maha Albasher	Mena F.	Fabrication and characterization ZnO/TiO ₂ composite coating deposition	9
Abdelrahman Mena	Abeer F.	Preparation and Investigation of Anode Powders for Solid oxide fuel cells applications	10
Ahmed M Ahmed	Abeer F.	Review of Perovskite Structure Related Cathode Materials for Solid Oxide Fuel Cells	11
Ragda Hayat	Rawnaq S.	Experimental Investigation on properties of cement mortar incorporating eggshell powder.	12

Graduation projects for the academic year 2020-2021 Polymer and Petrochemical Engineering Branch\morning study

Student Name	Lecturer Name	Project Name	No
Manar Fatima	Jawad K.	Effect of fiber volume fraction on the elastic constants of composite materials	1
Murtada Saif	Wafaa M.	The Mechanical Behavior of Polymeric Composite Materials Reinforced by Copper Particles	2
Hamza Fadi	Muhammed A.	Local Catalyst Design for Heavy Petroleum Cracking	3
Zena Hudaifa	Qahtan A.	Investigation the mechanical behavior of biopolymer matrix composite for medical applications	4
Zahraa Yusra	Shaymaa M.	Fabrication and Characterization of polymer composite coating	5
Hasan Saad	Hund B.	Parameters Affecting Strength of 3D Printed Materials.	6
Zahraa Marwa	Sura S.	Study of Mechanical properties of waste glass reinforcement polymer matrix	7
Amasy Saja	Fatima J.	Preparation and characterization of biopolymer coating for Ti-based implant.	8

Asmaa Humam	Rabab A.	Preparation and Characterization of a Composite Biomateria	9
Esraa Hiba	Esraq A.	Prepare biopolymer scaffold for bio-medical application.	10
Zahraa Hanan	Aseel M.	Manufacturing Process and Mechanical Properties of Natural Fiber Laminated Composite	11
Sara Noor	Ruaa H.	Study of the effect of fibers on the mechanical properties of polymer reinforced composite materials	12
Nahaa Haneen	Zena N.	Effect of composite of dental materials on mechanical properties	13
Ahmed Baqer	Marwa S.	Flexural and Impact Test for Epoxy Resin Reinforced with Nano Carbon Tubes and Chopped Polypropylene Fibers.	14

Graduation projects for the academic year 2022-2023 Polymer and Petrochemical Engineering Branch/Evening study

Student Name	Lecturer Name	Project Name	No
Ibraheem Zaid	Manar J.	Preparation and characterization of polymeric drug delivery system	1
Qaisar Husam	Muhammed U.	Investigation of the mechanical properties of polyurethane composite reinforced with walnut husks for airbag system in automobiles	2
Yuseif Muhammed Dalia	Shaymaa M.	Characterization and preparation of organic- inorganic coatings	3
Diaa Abdullah Sajad	Hind B.	Characterization of 3D-Printed Tissue Based on A Polylactic Acid	4
Ali Ahmed	Aseel M.	Using Textile Wastes in the Production of Polymer Composites	5