



# Graduation Projects for the Academic Year 2017-2018

## General Materials Branch

الجامعة المصرية للعلوم والتكنولوجيا  
تأسست سنة ١٩٧٥ م

Student's Name	Teaching Name	Project Title	Series
Karam Thamer	Prof.Dr.Mohamed Salab	Study some poverties of polyester reinforced by nano alumina	1
Amna Yahya	Prof. Dr. Rana Afif	Fabrication and characterization of Ni-Cr/HA composites	2
Nizak Abdul Karim	Assist. Prof.Dr. Laith Qais	Studying some mechanical properties of CK45 quenched with different medias	3
Menat Allah Abbas	Assist. Prof. Dr. Alaa Hassan	Effect of strain rate on farming load in forging process	4
Marwa Farouk	Assist. Prof. Dr. Alaa Hassan	Effect of stress concentration on mechanical properties of discontinuous beam	5
Saja Hadi	Assist. Prof. Dr. Abas Kamas	Study of oxidation behavior for aluminized –chromized steel	6
Ahmad Kadhm	Assist. Prof. Dr. Wafa Mahdi	Preparation and studying of some mechanical properties for polymer blend reinforced by natural fiber	7
Maryam Morshed	Assist. Prof. Dr. Jamal Galal	Tensile properties epoxy reinforced by jute and glass fibers	8
Muhannad Salah	Lucurer Dr. Ahmad Ameed	Study the effect of polymer coating on properties of low carbon steel	9
Aya Ali	Assist. Prof. Dr. Nivin Gamal	Study the effect of different inhibitors for 2024 aluminum metal matrix composites reinforced with nano particles in acid solution	10
Sama Tahseen	Assist. Prof. Dr. Arwa Faraj	Study on the weld ability of AL alloys using AVC welding	11

Mina Mohammed	Lecturer Dr. Raad Suhail	Effect of Sn edition on thermo dynamic properties of cu-based SMA computer approach	12
Sarah Thamer	Lecturer Dr.Fatima Jafar	Effect of ultrasonic treatment on the mechanical properties of titanium dental implants	13
Mena Kadhm	Assist. Prof.Dr. Majed Hamid	Characterization of turbine blades welding by TiG process	14





# Graduation Projects for the Academic Year 2017-2018

## Ceramic Branch

الجامعة المصرية للتكنولوجيا  
تأسست سنة ١٩٧٥ م

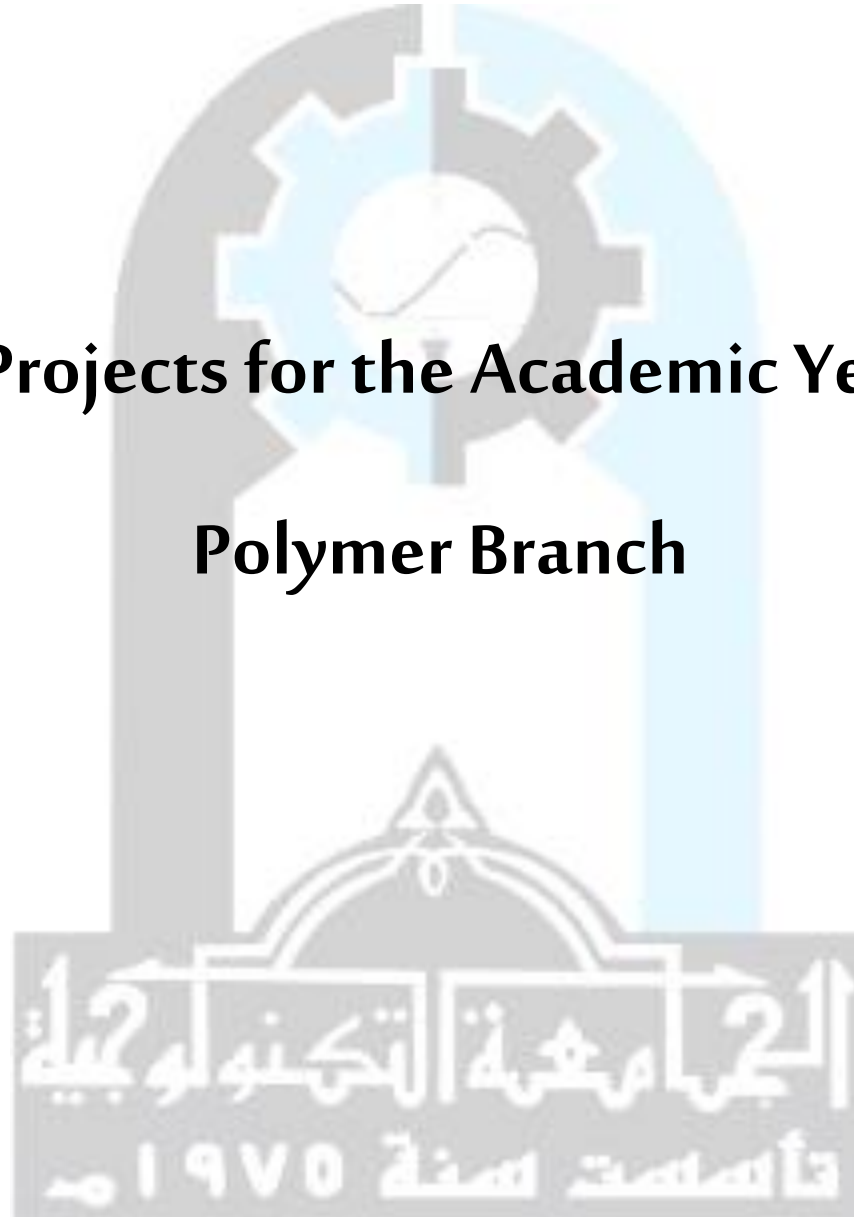
Student's Name	Teaching Name	Project Title	Sseries
Ali Hussein	Assist. Prof. Dr. Fadhel Abd Rasan	Study the abrasion resistance of concrete containing a Nano-particle powder	1
Ola Muthana	Assist. Prof. Dr. Saad Badri	Study of glass ionomer cement for dental application	2
Haneen Abbas	Assist. Prof. Dr. Alaa Aladin	The effect of some ceramic additives on thermal insulation of cement mortar	3
Sarah Ayad	Assist. Prof. Dr. Aseel basem	Paper waste recycling for fabrication green mortar cement	4
Reem Thamer	Assist. Prof. Dr. Sarmad Emad	Studying some properties of cement paste reinforced by nano particles	5
Marwa Jassim	Assist. Prof. Dr. Hussein Alaa	Reusing of waste glass for ceramic productions	6
Mays Hassan	Lecturer. Dr. Hana Areer	Effect of diffusion metals in alumina brick substrate	7
Fatima Ghazi	Lecturer. Dr. Basma Hashem	Studying and characterizing the thermal decomposition of bitumen	8
Karrar Qaseem	Lecturer. Dr. Mayada Shnan	Study of impact characteristics of ceramic fillers reinforced composite	9
Noura Majed	Lecturer. Dr. Ahmad Hussein	Design and preparation of green concrete	10
Ali Salam	Lecturer Muhannad Najah	Study the effect of mixing process on the properties of lithium – ion battery electrodes	11
Maha Majed	Assist Lecturer Shatha Riad	Study the effect of recycling building material on the cement mortar properties	12

Mariam Sawqi	Assist Lecturer Mina Faisal	Epoxy and depolymerized water bottles reinforced by nano ceramic for coating application	13
Afnan Abdul Ameer	Assist. Lecturer Rawnaq Salah Eddin	Use of waste glass in cement mortar	14



# Graduation Projects for the Academic Year 2017-2018

## Polymer Branch



Student's Name	Teaching Name	Project Title	Series
Jafar Sabah	Assist. Prof. Dr. Sihama Issa	Evaluation of some mechanical properties of natural sand particles reinforced polymer composite.	1
Ali Mohsen	Assist. Prof. Dr. Sihama Issa	Mechanical behavior of natural material /glass fiber reinforced polymer based.	2
Ghafran Zafer	Assist. Prof. Dr. Akram Rahim	Fabrication of polymers electro spun Nano fiber layer for waterproof clothing application.	3
Ban Theya	Assist. Prof. Dr. Kadhem Matar	Effect of additives on natural polymer	4
Doaa Naif	Assist. Prof. Dr. Kadhem Matar	Preparation of polymers from natural materials	5
Shams Khalid	Assist Prof Dr. Bassam Ibrahim	Reinforcement Bitumen by product de polymerization of water bottles and nano SiO <sub>2</sub>	6
Enaas Sadiq	Assist Prof. Dr. Bassam Ibrahim	Influence of Cur cumin additions on properties of cold curing acrylic resin	7
Ayat adel	Lecturer Dr.Mohammad Abdul Hussein	Sodium silicate and depolymerized water bottles for coating in petroleum industries.	8
Hana Noori	Lecturer Dr.Mohammad Abdul Hussein	Bitumen and depolymerized water bottles reinforced by nano Al <sub>2</sub> O <sub>3</sub> for coating application.	9
Saba Qaseem	Lecturer Dr.Mohammad Ramiad	Study of thermal and physical polyester based composite	10



Fatima Sabah	Lecturer Dr.Mohammad Ramiad	Investigation of some mechanical and physical properties of epoxy based composite	11
Heba Khazaal	Lectuer Dr. Qahtan Adnan	Study some mechanical properties of polymer composite materials reinforcing by natural particles for denture base material	12
Rand Raad	Lectuer Dr. Manar Abdel Jabbar	Preparation of carbon nano fibers (CNFs) using electro spun polymers	13
Ibrahim Kamal	Lectuer Dr. Mohammed Kashkool	Physical and fracture properties of a hybrid composite laminate modified by nano- clay particles .	14
Ahmed Haider	Lectuer Dr. Mohammed Kashkool	Physical and fracture properties of a hybrid composite laminate modified by nano- silica particles .	15
Eman Hussein	Lectuer. Aseel Mahmuod	Effect of reinforced (waste material) on mechanical properties of polymer matrix composites	16
Abeer Abdul Karim	Lecturer Rwaal Haitham	Influence of egg shell reinforcement on mechanical properties of polymer composite	17