

No.	Project	Description	Supervisors	Team	Department	Year
1	Heat Treatment Variables Vs. Corrosion Behavior of Two Heat Treatable Alloys	This project will investigate the effect of heat treatment on corrosion resistance of each case of treatment cycle, all specimens are immersed in HCL of various concentration for eight hours	Dr. A. Ghaneya Prof. A. Niazi	Ashraf Shared Mikhaeel Mohamed thabit Kassem Mohamed Safwat Abou-Raya	Mining & Metallurgical Department	1991
2	Effect of Working and Heat Treatment on Corrosion of steels and Environmental Impact	This project will study the corrosion problems in gasoline coolers in Assiut Petroleum Refinery Company	Prof. Dr. Mohamed Abd Al-Fatah Dohim Dr. M. Abo Al-Kasem	Mohammed Sobhy mohammed Allam Ahmed Araby Abd El-Rahman Khalid Mohamed Farghaly	Mining & Metallurgical Department	1995
3	A Geostatistic studies of Baharia oasis iron ore	The present work deals with the mineralogy, ore types and origin of the iron ore of Gabel Gharabi, Nasser, El-Gedidaand El-Harra ores. The Baharya oasis is situated in the heart of the western desert.	Prof. Dr. M. R. Eltahlawy Prof. Dr. Ahmed Riad Prof. Dr. M. Z. Rashed Assoc. Prof. Dr. M. Abu El - Kasem	Moataz Mamdoh El-Nashar Waleed Mohamed Mohamed	Mining & Metallurgical Engineering	1997
4	A study on Sources and Control of Dust Particles in Abu-Tartour Phosphate Mine	The project deals with the effects of using phosphate ores of Abu Tartour Plateau in mining industry.	Prof. Dr. Mostafa M. El-Biblawi Ass. Prof. dr. Mohamed Abu El-Kassem	Ahmad Mohamed Abbass Eman Farouk Mohammed Huda Mohamed Aly Ahmad	Mining & Metallurgical Department	1999
5	Production of Sponge Iron Powder for	This project deals with the question whether the mechanical properties of commonly sintered	Prof. Dr. M. A. Doheim Dr. G. A. El-Sayed	Aaser Salem Mahmoud Abd El-Naby Shaaban	Mining & Metallurgical	2003

	Manufacturing P/M Parts	steel can be raised by systematic improvement of the product density.		Aly Hassan Ahmed Ehab Mohamed El-Tohamy Mohamed Mahmoud Farghally Mostafa Hassan Mohamed Osama Hassan	Department	
6	Studies on corrosion of Alloys	The corrosion problems in industry are important from the technical and economical point view. For study this dangerous phenomena we make a simulated circuit to natural corrosive conditions which alloys and metal face in the work field.	Prof. Dr/Mohammed Abd-Elfattah Dohiem  Dr/ Mohammed Safwat Abo-Raia  Dr/ Atef Elnakieb	Ayman Abdel Hafez Emam  Abdel Rahim Salah Mohammed Mohammed Ali Radwan Shady Mohsen Wasely Abeer Shaban Mohammed Rafat Ramzy Nagib Ahmad Esmat Abbas	Mining & Metallurgical Department	2008
7	Production of Aluminum foam	Metallic foams are a new class material which show special properties combined between polymers and metals properties.	Prof. Dr/Mohammed Abd-Elfattah Dohiem  Dr/ Mohammed Safwat Abo-Raia  Dr/ Atef El-Sayed Mahmoud	Ahmed Abdullah Ahmed Rizq Ahmed Salah Abdallah Ali Ebtesam Mohamed Al-Sayed Mohamed Abd El-Razeeq Sedeeq Mohamed Salah Sweafy	Mining & Metallurgical Engineering	2009

8	Studies in Corrosion Behavior of Different Alloys with Emphasis on: Working and Thermal Treatment	The goal of this project is to study the behavior of the electrochemical corrosion of different alloys with emphasis on working and thermal treatment.	Prof. Dr. Mohamed Abd Al-Fatah Dohim Dr. Mohamed Safwat Mohamed Dr. Gomaa Abd El-Sayed Dr. Atef El-Nakeeb	Ahmed Hamdy Osama Mehanny Ahmed Hassan Hussien Attay Amir Yaseen Fathey El-Ghannam Maha Hassan Shaker Hassan Mohamed Mortada Mahmoud Tarek Ragab Ali Mahmoud	Mining & Metallurgical Department	2011
9	Geo-Engineering design of underground gold mine in Pharaoh zone at Sukari Area	In our graduation project we tried to make a geological and engineering studies about Sukari area specially Pharaoh zone to design an underground mine to a depth of 600m.	Prof. Mohammad Ragay Goda Altahlawy Prof. Ahmed Riead Ahmed Ibrahim	Mostafa Saber Mohamed Shehata Mohamed Kamal Abdalla Mohamed Sameh Emam Abdelmegeed Abdelhamed Mohamed Anwar Hassan Ali	Mining & Metallurgical Engineering	2013
10	Optimization of flotation process parameters	The flotation study of Maghara coal was carried out. The variables studied were the particle size, pulp	Prof. Dr. Galal A. Ibrahim	Amal Ramadan Mohammed	Mining & Metallurgical Engineering	2013

		density, collector dosage, and speed. Experiments were carried out using 2 <sup>4</sup> full factorial design.	Prof. Dr. Mahmoud Mohamed Ahmed	Jehad Ahmed Sayed  Haya Ahmed Abdel Ellah  Marwa Ahmed Abd El-Fatah  Safaa Ali Abd El-Raheem  Walaa Abd Allah Ismaeil		
11	A study on the effects of the rock properties and explosives in the building materials  Industries company (El-khurafi company)	There are some factors which affect blasting operation. These factors are a rock properties (physical and mechanical properties, geological properties,....) Properties of explosive bench blast parameters (diameter of hole, burden, spacing, stemming, sub-drilling and others). The equation is how to control these factors to achieve the best design and fine fragmentation.	Prof. Dr. El-Saman I. Abdel-Rasoul  Prof. Dr. Mamdoh Y. Hessien  Dr. Wael Rashad El-Rawy	Talaat Khalifa Abdel-Latif  Marwa Abdo Hassan	Mining & Metallurgical Engineering	2014
12	Total Station observation through tunnels using fixed wall points	The main aim of the present work implies replacement the roof surveying points with wall ones. That process implies simple	Dr/ M. A. Yousef	Ahmed Ali Mostafa  Ahmed M. Abd El Haleem	Mining & Metallurgical Engineering	2014

		equipment for fixing at wall.	Dr/ M. M. Mansour  Eng/ Mostafa Kamel Al Emam	Alaa A. Mustafa El Kholy Amr Gamal Ateto Andrew Saber Mosaad Mohamed Abd El Fatah Elsayy Soaad Fathi M. El Ghazaly Walid El Sabaa Mohamed		
13	Characterization of Electro-less Plated Some Steel Alloys against Corrosion	This project deals with The materials engineering and how they determine the function, feasibility, cost, environmental impact and many other aspects.	Prof. Dr. Mohamed Abd Al-Fatah Dohim Dr. Atef El-Sayed Mahmoud Dr. Gomaa Ahmed El-Sayed Dr. Elsayed AbdelFattah El-Badry	Mostafa Mohamed Mostafa Mohamed Mostafa Mohamed Mohmoud Abdulazez Elsayed Beshoy Ageeb labeeb Radwan Fathy	Mining & Metallurgical Department	2014
14	Anodizing of Aluminum and Its Effect on The Hardness and Corrosion Properties	This project deals with a systematic investigation that has been carried out on the sulfuric acid anodizing (Type II) on commercial Aluminum Alloy under virus process conditions	Prof. Dr. A.A. Abdel-Hamid Dr. M. Safwat Abou-Raiaa Dr. G. Ahmed El-Sayed Dr. A. Mohamed El-Nakeep	Ibrahim Mohamed Abd El-Rady Hassan Rayan Ibrahim Hassan Abdullah Mahmoud Abullah Mahmoud Wagdy Abd El-Hameed	Mining & Metallurgical Department	2015

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