



Faculty of Engineering



Mansoura University

Researches

**A statistic statement of research projects from 2000-2010
Funded from the university research account unit**

The name of the project	The main researcher	The date of start	The date of end	The funding side	Volume of fund
1-The study of phenomenon of shadowing blending fabrics	Dr/Ishmael MusaRakha Professor in textiles dept	10/4/2000	3/1/2008	Funded from the university research unit of account	10000
2-The use of the foam poles trine granules in water filtration	Dr/Hesham khalil El Atriby professor in public works	19/2/2007	19/2/2007	Funded from the university research unit of account	110000
3-Performance assessment in technical and productive sides in textiles factories	Prf/Resk Abd Alla El Beyali professor in Textiles Dept.	2/5/2004	2/5/2007	Funded from the university research unit of account	13333
4-Polluting underground water next to areas of hard wastes dumps in Dakhlia governorate	Pof/Adel Ahmed Deif Professor in structure engineering	16/6/2001	16/6/2001	Funded from the university research unit of account	13333
5-Granulation of youriafor malad powder	Emeritous professor in production and mechanical design	22/4/2002	22/4/2002	Funded from the university research unit of account	13333



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Title of the project	Main researcher	Date of the project start	Date of the project end	The funded side	The volume of the fund
6-Non woven fabrics produced from spinning spinneret	Prof/AdelMohamed El Hadidi professor in textiles	23/4/2002	20/12/2004	Funded from the university research unit of account	13300
7-Designing and producing electronic control systems in equipment and appliances	Dr/Mohamed Sherif Mustafa Abo Elmagd alecturer in computer and systems dept	5/11/2002	Progressive	Funded from the university research unit of account	13300
8-The study of geo technical in dumping areas in Damietta and Dakhlia governorate	Prof/Ahmed amen Mohamed El Nemr emeritus professor in structure engineering	24/8/2003	25/11/2009	Funded from the university research unit of account	20000
9-The exploitation of bio wastes in generating energy by using technology of fluid ovens	Prof/Farouk Mohamed Okasha El sayed assistant professor in mechanical power engineering	Faculty council approval4/10/2003	18/10/2007	Funded from the university research unit of account	15000
10-The environmental impact of pure drinking water in the national program of the country development	Ragab Mohamed Barakat El Shhawy lecturer in public works	Faculty council approval8/9/2003	1/3/2006	Funded from the university research unit of account	15000
11-The study of influence of choosing prosperities and kind of cotton whiskers and the way of producing threads and industrial processes	Prof/Rezk Abdallah albeyali professor in Textiles	30/8/2004	18/10/2007	Funded from the university research unit of account	20000



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Title of the project	The main researcher	The date of the project start	The date of the project start	The funded side	The volume of the fund
12-The early discovery of defects in ring knit wear	Prof/Hemdan Abdo Abotalb professor in textiles dept	2/3/2004	26/7/2007	The university research unit of account	20000 pound
13-The behavior of industrial hinge under the influence of magnetic field	Prof/Mustafa zaki Mohammed Abd Hady. Professor in production engineering	20/8/2005	25/11/2009	The university research unit of account	20000 pound
14-Natural gas technology and techniques of fuel cells	Prof/salah Hassan Emam professor in mechanical power	20/8/2005	4/9/2008	The university research unit of account	20000 pound
15-Estimating the ability of knitting	Prof/Ahmed Adel Mohamed El Hadidi professor in textiles	16/11/2005	29/1/2009	The university research unit of account	20000 pound
16-Benefiting from the wastes result from beet sugar industry (lime mud) in building and construction industry	Prof/Ahamed Hassaneen Ahmed Abd El Raheem professor in structure engineering	Faculty council approval dated 14/11/2005	30/3/2010	The university research unit of account	30000 pounds

17-Study of possibility of using ozone gas in systems to get rid of dangerous wastes and sterilizing water and	Prof/Helmy Elsayed Gad professor in mechanical powers	Faculty council approval dated 14/11/2005	progressive	The university research unit of account	30000 pounds
18-Censorship and remote control system for electric power nets	Magdi Mohamed Elsaadawy assistant professor in electric engineering	Faculty council approval dated 10/6/2005	progressive	The university research unit of account	30000 pounds



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Funded from the university research unit of account

Title of the project	The main researcher	The date of the project start	The date of the project end	The funded side	The volume of the fund
19-recycling of lime mud in sugar beet factories economical technical study	Prof/Elsayed Mohamed Abd Elrasoul emeritus professor in production engineering	14/6/2007	5/5/2009	The university research unit of account	30000
20-the removal of iron and manganese from the under ground water by using slow sand filtration	Prof/Ahmed Fadl Ahmed El Ashri professor in public works engineering	28/2/2008	The report isn't adopted from the university from its date	The university research unit of account	30000
21-The study and assessment of the impact of mixing Egyptian cotton with the imported one properties and quality of produced threads and cost	Prof/Fawkia Faheem Esmael Habibi professor in textiles engineering	29/4/2007	30/6/2010	The university research unit of account	30000
22-The assessment of production and	Prof/rezk Abdallah Elbeyali	29/5/2008	progressive	The university research	30000

quality of non traditional threads	emeritus professor in textiles engineering			unit of account	
23-producing bullet proof vest from crop straw	Dr/Ali fawzy sakr a lecturer in textiles engineering	8/6/2008	progressive	The university research unit of account	30000



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Researches
The statistic statement of research projects
funded from foreign sides

Project title	Main researcher	The date of the project start and end	A note on the project outcome	The fund side	The volume of the fund
1-The study of corrosion from pumps dredge	Prof/ Magdi Mohamed Abou Rayan power Mechanical power engineering dept	7/1990-12/1992	The most important outcome of the project is that the hydraulics designing is an effective factor to resist corrosion	The supreme council of universities Cairo University building	20000
2-Benefiting from textile wastes in making non woven clothes in manufacturing ready clothes	Dr/Adel Mohamed El Hadidi textile engineering department	1/1990-12/1990	The most important outcome Prove the validity of non woven clothes from fuels in magazine a)agriculture(sitting for seeds-whiskers) b)civil engineering(filtering drinking water, heat insulators in houses-strengthen concrete) c)protecting the environment from pollution	The supreme council of universities Cairo University building	10000

			manufacturing filters to purify air from industrial dust in the field of manufacturing ready clothes(making stuff fabrics in suits)		
3-Preparation and description of some suitable materials for applications of photovoltaic in Egypt	Prof/Essayed Mohamed Abdelrasoul Mechanical design and production engineering dept.	6/1990-6/1992	Benefits of the project scientifically counting all ways of producing different materials used in exploitation of solar energy Application side :exploiting one of the renewable sources of energy in Egypt Economically: satisfy Egypt's needs from energy	The supreme council of universities Cairo University building	20000
4-The administration and design of rules of photographic data and its application in Mansoura university		1/1992-12/1992	Benefits of the project Scientifically: gaining skills and technical experience in works of accountancy Application side: generalizing the use of rules in all universities. Economically saving time and efforts in making decision and support it	The supreme council of universities Cairo University building	20000
5-Improving	Prof/sayed	9/1991-	The finding of the	The	20000

the efficiency of filtration and the consumption age of fabrics of air filtration used in fertilizers factories	sayed Ibrahim:Textile s engineering department	2/1992	project: 1-Possibility of making local laboratory device to measure the efficiency of filtration. 2-possibility of using laser equipment to pinpoint the efficiency of filtration 3-finding away of account that can be used to renew the suitable filter fabrics multi properties(filtration efficiency-permeability of air-consumption age)	supreme council of universities Cairo University building	
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Mansoura University Faculty of Engineering – Researches

Followed: statistic statement of research projects funded from scientific research academic and foreign sides

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Title of the project	The main researcher	The date of the project end and start	A note on the project	The funded side	The volume side
6- Operating and	Prof/Salah Hassan El	9/1990 - 6/1992	Benefits of the project a)Scientifically	The supreme council of	20000 pounds

rationalizing system of heat energy in El Nasr company for textiles and dying in El MahalaAl Kobra	Emam mechanical power engineering department		defining the causes of wastes of heat energy in textiles industry and dying as well as ways of treatment b)Application side: Applying the study findings on three units.)Economically: the proposed study saved 475pounds	universities Cairo university building	
7-studying heat energy system in Misr Textiles Company in El Mahala El Kobra	Prof/Mohamed Mustafa Awad Power mechanical engineering dept	89-90	Benefits of the project a)Scientifically : caring for rationalizing energy in factories. b)Application side: possibility of restoring part of heat energy from fumes and caring for heat insulation in steam pipes. c)economically : saving part of fuel and water used on the other hand reducing heat and air pollution.	The supreme council of universities Cairo university building	10000pounds
8-smart programs to support	Prof/Mohamed Sabr	1/6/1998-31/3/20	Producing expert system to diagnose	The supreme council of	50000dollar

operation management and planning electric power engineering department	kandeel electric power engineering dept.	09	malfunctions in voltage nets66kvin Kafr El Sheikh governorate in Delta electricity company	universities Cairo university building	
9-Treatment of the surface water by slow filters	Dr/Ahmed Fadl Ahmed Ashry Public works engineering	1/8/1990	----- ----- -	Kendy	200500 dollar
10-the environmental impacts for pure water projects in the country development program	Dr/Ragab Mohamed Barakat El Shhawry Public works engineering dept	8/9/2003 13/7/2005	This project aims to develop and raise the efficiency of systems of treating compact drinking water stations to enable these stations especially those in service to have systems distinguished by high technical efficiency. Through them we have distinguished trust worthy results	Scientific Research Academy	150000 pounds



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**Statistic statement for research projects
from 1990-2000 funded from
the university research unit of account**

Title of the project	Main Researcher	The date of the project start	The date of the project end	The funding side	The volume of the fund
1-Finding movement coefficient in Egypt for water in home sewage treated by activated sludge	Dr Ahmed Fadl Hamad Ashry public works engineering department	16/7/1990		The university research unit of account	10000
2-The study of transport and traffic movement in the republic street in Mansaura city	Prof/Elsayed Ahmed shoaeeb public works engineering department	16/7/1990		The university research unit of account	5000

3-Control using computer in optical examination in operation and forming materials	Prof Elsayed Hassan Elkly control and computers engineering department	1/11/1991	19/6/1993	The university research unit of account	10000
4-Mechanization of administration works in the area of Middle Delta electricity	Prof/ Ali Ibraheim El Desoky control and computers engineering department	12/7/1992	29/9/1996	The university research unit of account	10000
5-Experienced system in controlling in operation equipment and linking it with the area of the Middle Delta electricity in Talkha	Dr/Mofrah Mohamed salem	12/7/1992	31/12/1995	The university research unit of account	10000
6-The study of self assessment in the faculty of engineering – Mansoura university.	Prof/Mahmoud Sabr Kandeel electricity engineering department	2/1/1992	17/12/2000	The university research unit of account	20000
7-The study of disturbances in changing in putting cloth produced in spinning machines with two pen knives from slozr model and avoiding it	Dr/ Ali Esmael Morsi textiles engineering department	29/3/1993	17/5/1997	The university research unit of account	20000



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Title of the project	Main Researcher	The date of the project start	The date of the project end	The funding side	The volume of the fund
8-The performance assessment in compact stations to treat drinking water in Dakhlia governorate	Prof/Ebrahim Gar el elm Rashed physics engineering department	16/4/1996	20/6/1999	The university research unit of account	25000 pounds
9-The study of wastes resulting from operation in textiles factories and recycling them as well as making some modifications in industrial processes to suit the possibility of operation	Rezk Abdalla Elbeyali textiles engineering department	7/4/1996	16/3/1999	The university research unit of account	20000pounds
10-The problem of increase the level of underground water and how to control it	Ahmed Ameen El Nemr structure engineering department engineering department	25/2/1997	17/10/1999	The university research unit of account	20000pounds
11-The impact of	Ali Emael	29/10/19	24/9/200	The	20000po

Bush process on the economics of textiles processes	Morsi textiles engineering department	97	1	university research unit of account	unds
12-Benefiting from textiles wastes in Egypt in manufacturing non woven industrial fabrics		5/7/1998	31/8/2000	The university research unit of account	13000pounds
13-The study of impact of transport projects on environment and types of movement inside the Egyptian cities	engineering department	25/7/1998	29/9/2002	The university research unit of account	13200pounds
14-Teaching electronic basics using computers and information networks		20/7/1998	31/12/2000	The university research unit of account	Pounds13000



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Title of the project	Main Researcher	The	The	The funded	The
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		date of the project start	date of the project end	side	volume of the fund
15-Designing a packet of control programs in drinking water networks.	Prof/Magdi Hamad Abou Rayaan public works engineering department	7/4/1999	29/2/2002	The university research unit of account	13500
16-Rationalizing energy and reducing wastes and its impact on the economics of operation in spinning, knitwear and ready made clothes factories.	Rezk Abdalah Abeyali textiles engineering department	7/4/1999	25/3/2001	The university research unit of account	13333
17-Developing a packet of programs to find out the defects in industrials products	Prof/ Elsayed Abd EL Azeem engineering department	6/4/1999	23/5/2000	The university research unit of account	13197
18-Making data base to assess efficiency and performance in water desalination equipment in Arab Republic of Egypt	Dr/Bering Ouhance Gebh Gehan engineering department	2/1/2000	23/2/2005	The university research unit of account	20000

