



Published Researches الأبحاث المنشورة



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| Title عنوان البحث | Nano science and technology research |
| Author الناشر | Taher Kaddar |
| Source Title اسم المجلة | Journal of Textile Science & Engineering |
| ISSN | 2165-8064 |
| Q | |
| Link رابط البحث من موقع المجلة | https://www.hilarispublisher.com/open-access/nano-science-and-technology-research.pdf?fbclid=IwAR3Ly-P09-YWHsks5yqEqGicvOe8JjKE5pXD64QRg7UYk3wM3ZJEYgS-eJs |
| Abstract خلاصة | <p>Most of us involved with textiles recognize the tremendous progress that is being made in nano textile science and engineering over the last decade. Journal of Textile Science & Engineering (JTESE) has been promoting this important research area with papers and editorials in the past, but more needs to be done. There is a large body of textiles related nano research that is suitable and indeed encouraged by the JTESE in nano coatings and membranes for high performance clothing for example, functionalization of nano fibres and mats, medical nano textiles such as smart dressings, slow release and others. Nanotechnology deals with the creation of functional materials, devices and systems through the control of matter at the 1–100 nm scale or to put it in context about 80,000 the size of the human hair. For the first time material scientists have the opportunity to design and engineer materials and devices by the “bottom up” so-called approach, by manipulation of matter near the atomic scale and as such having the opportunity to be in precise control of their behavior. It is therefore revolutionizing this multidisciplinary field which marries together the fundamental sciences of physics, chemistry and biology.</p> <p>In the textiles arena amongst various nanostructures recently developed nanomembranes made of natural and synthetic polymers</p> |



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| Title عنوان البحث | Garment Quality Assurance in the Ready-Made Industry., |
| Author الناشر | Taher Kaddar |
| Source Title اسم المجلة | Journal of Textile Science & Fashion Technology |
| ISSN | 2641-192X |
| Q | |
| Link رابط البحث من موقع المجلة | https://irispublishers.com/jtsft/abstract/quality-assurance-in-the-ready-made-garment-industry.ID.000540.php |
| Abstract خلاصة | Quality is a set of characteristics of an entity showing its ability to meet specific or anticipated requirements [1]. TQM is a management approach that focuses on quality and depends on the participation of all its members and aims to achieve long-term success by satisfying the customer and achieving benefits for all members of the organization and society. |



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| Title عنوان البحث | Textile industries between reality and ambition and prospects for modernization and development. |
| Author الناشر | Taher Kaddar |
| Source Title اسم المجلة | Journal of Textile Engineering & Fashion Technology |
| ISSN | DOI: 10.15406/jteft.2018.04.00157. |
| Q | |
| Link رابط البحث من موقع المجلة | http://medcraveonline.com/JTEFT/JTEFT-04-00157.pdf |
| Abstract خلاصة | <p>The textile industry is one of the oldest industries known to mankind. Many scientists believe that Syria and Mesopotamia are the first home of the textile industry. Dressing is one of the three main necessities of man as well as food and shelter from the beginning of creation to the present day. Hence the importance of research and development in the textile industry. The Syrian capital Damascus is famous for the textile industry and Syrian textile products have been known throughout the world as the Damask and Prokar fabrics, which are still famous today. The industrial revolution began in Europe from the textile industries with the invention of the mechanical loom and the mechanical spinning machine, which later saw great developments in terms of automation. There is no machine except advanced programming and control, such as a jacquard machine. The textile industry mainly concentrated in Damascus and Aleppo, and a smaller percentage in the rest of the governorates. Syrian cotton and Syrian textile products were exported to all countries of the world bearing the slogan "Made in Syria". In the last third of the 20th century, many textile companies were created in Syria. The General Organization for Textile Industries was established in 1974 and became the supervisor of 28 companies.</p> |



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| Title عنوان البحث | The Impact of Fashion on the Future of the Textile Industry and Opportunities for Improvement and Development. |
| Author الناشر | Taher Kaddar |
| Source Title اسم المجلة | Int J Fashion Technol Textile Eng 1(1): 1-2. |
| ISSN | 2329-9568) |
| Q | |
| Link رابط البحث من موقع المجلة | https://symbiosisonlinepublishing.com/fashion-technology-textile-engineering/fashion-technology-textile-engineering03.php |
| Abstract خلاصة | <p>The dream of creating ideal societies full of love and fraternity, where all the arts of life thrive and require all kinds of high-quality textile products and beauty seems impossible.</p> <p>A quick glance at the history of mankind from our father, Adam, peace be upon him until our contemporary history, we see that the essence of conflict between human beings has not changed, but its tools are evolving. Negative rivalry (envy) is why Cain kills his brother Abel. Would the matter deserve to kill Cain for it his brother Abel. If the first murder on this land was because of envy [1,2].</p> <p>Positive competition comes back to everyone with success, and fashion highlights different forms of positive and sometimes negative competition, and this is reflected in the entire textile industry.</p> <p>The positive outcome of continuous development, and negative result of destruction and destruction (exit from the market)[3.]</p> <p>We cannot talk about developing textile industries in the future in insecure environments that are constantly destroyed by wars. Stability is one of the most important conditions.</p> <p>If the task of war is destruction, our permanent task is reconstruction, so we learned in the Syrian school, the cradle of textile industries and the Silk Road.</p> <p>In the mid-2000s, a new term “fast fashion” is emerging, which is based on the latest fashion offered in the spring and autumn spring fashion week each year [5].</p> <p>The fast fashion sector of the fashion industry is environmentally polluting and has established programs that encourage the recycling of exhausts resulting from manufacturing, as well as clothing and products that are out of date or are no longer usable for the purpose for which they were prepared.</p> <p>importance of fashion in different types to the future of the textile industry we should not forget the importance of the science of industrial organization and the planning of factories and textile production facilities, which is one of the important components of industrial economics and my experience in teaching this course in the engineering departments of Syrian textile industries since its establishment. I say that the application of the principles of this science along with quality management systems and the environment and occupational health and safety according to international standards is the key to success in textile industries and others present and future.</p> |



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| Title عنوان البحث | Textiles for Technical Applications 3D Spacer Fabric for Insulating Oil Pipelines, |
| Author الناشر | Taher Kaddar, Ibrahim, Aous |
| Source Title اسم المجلة | Textiles and Light Industrial Science and Technology (TLIST) Volume 3,. |
| ISSN | DOI: 10.14355/tlist.2014.0301.04 |
| Q | |
| Link رابط البحث من موقع المجلة | https://www.citefactor.org/journal/index/11840/textiles-and-light-industrial-science-and-technology-tlist |
| Abstract خلاصة | <p>This paper provided a major challenge in the 2011 International Conference on 3D Fabrics and Their Applications. Because of many bad conditions that effect on oil pipelines properties, this paper discuss the ability of applying the 3D woven spacer composite fabric for insulating oil pipelines. This paper talks over the thermal, chemical, and mechanical properties of the final composite product from the 3D Spacer Fabric and the polymer resin matrix. And finally, this paper gives an idea how and with any kind of weaving machines these fabrics can be made. Keywords 3D Woven Spacer Fabric; Matrix Resin; Thermal Insulating; Oil Pipelines; Environment Conditions; Temperature; Corrosion; Pressure.</p> |



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| Abstract خلاصة | <p>This paper provided a major challenge in the 2011 International Conference on 3D Fabrics and Their Applications. Because of many bad conditions that effect on oil pipelines properties, this paper discuss the ability of applying the 3D woven spacer composite fabric for insulating oil pipelines. This paper talks over the thermal, chemical, and mechanical properties of the final composite product from the 3D Spacer Fabric and the polymer resin matrix. And finally, this paper gives an idea how and with any kind of weaving machines these fabrics can be made. Keywords 3D Woven Spacer Fabric; Matrix Resin; Thermal Insulating; Oil Pipelines; Environment Conditions; Temperature; Corrosion; Pressure.</p> |



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| Title عنوان البحث | The Application importance of Quality Assurance Standards to Universities |
| Author الناشر | Taher Kaddar |
| Source Title اسم المجلة | Lebanese Engineers Syndicate in cooperation with the Union of Arab Engineers and the Union of Engineers of the Mediterranean Countries, Publication date 2018/9/6 |
| ISSN | https://www.researchgate.net/publication/327032242 |
| Q | |
| Link رابط البحث من موقع المجلة | https://www.researchgate.net/publication/327032242_The_importance_of_Application_of_Quality_Assurance_Standards_to_Universities |
| Abstract خلاصة | <p>A true understanding of the meaning of the word quality is one of the cornerstones of the fundamentals of the application of TQM systems. The largest factories in the world, in America and Europe, were the preoccupations of the 1980s and 1990s to identify the true meaning of the word "quality" and what exactly it means. Quality in the modern concept means: Providing the consumer with the necessary products and services with characteristics and features that meet his requirements and needs and expectations and happiness at the time he wants, and at a reasonable price suits him, and thus adopted by the product or service during integrated activities integrated and involved in the manufacture and construction of all employees at all levels, Managers, planners, implementers and auditors. It is thus the work of everyone in the facility. The research includes an overview of the most important international systems of quality management. We will review the most important systems in the hope of helping the past institutions in the way of modernization and development to build TQM systems on the basis of scientifically guaranteed results. Any organization and we mean by the organization or institution (university, college, high institute, Company, etc.) The research includes the principles and principles of TQM, the basic transformations required to transform into TQM systems, the steps of implementation of TQM: the preparation stage, the planning stage, the implementation phase and implementation, and the conditions for achieving TQM success. The research also highlights ISO 9000 quality management systems designed to enhance customer satisfaction with the organization, ensure product quality, ensure conformity with its requirements and regulatory requirements, ensure product quality and work on continuous improvement, and provide evidence of the organization's ability to provide a product that meets customer requirements and Environmental management and enable the organization to make its quality management system parallel or integrated with the requirements of other relevant administrative systems. The development and scientific research is of great importance in the quality of higher education in general and engineering in particular. To achieve this goal, we must recognize the international standards of quality assurance in higher education and understand how it is applied and improve performance continuously to ensure a prestigious international ranking according to the International Classification of Universities. This is what has been processed in this research.</p> <p>Keywords: Importance of application, quality assurance standards, universities1</p> |



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| Title عنوان البحث | Development Keys in the Textile Industry. |
| Author الناشر | Taher Kaddar, |
| Source Title اسم المجلة | Journal of Textile Science & Engineering |
| ISSN | ISSN: 2165-8064 |
| Q | |
| Link رابط البحث من موقع المجلة | https://www.hilarispublisher.com/textile-science-engineering.html |
| Abstract خلاصة | <p>Food, construction and clothing of the necessary needs in human life, and these three necessities contributed directly to human adaptation to the environment, through these constants moved to human life and civil society, and clothing as one of these three constants is necessary and adapted to the environment in which he lived. Scientists were interested in the history of man in all aspects of his life, including clothing, which is part of the human heritage that accompanied his presence; the textile industry was one of the oldest industries known to mankind. Historical codes have pointed to the ancient and modern civilizations of the world. Through trade, the goods of the East were reaching the west, and the goods of the south reached the north. The Textiles of the Earth has expressed the diversity of its societies ethnically, geographically and historically. The textile is made from natural historical raw materials (cotton, wool, linen, silk, etc.). These are the basic raw materials used by human civilizations in the textile industry, and many other industrial materials of equal importance in modern civilization. In successive ages and civilizations, fashion has been associated with its diversity, with each country's specificity to the other, and often with each community. And did not stop at this in the attention to clothing, the interest of States in the statement of value and pricing</p> |