

الأدوات المعاصرة فى تطوير الحرف اليدوية لطباعة المنسوجات بالقوالب Contemporary tools in developing handicrafts of block printing textile

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Abstract

Despite the dramatic developments in automatic printing techniques, manual printing is still in place and special artistic value up to the present time, it shows the ability of the artist and his sense of art and aesthetic, textile block printing is one of the oldest and simplest methods of manual printing, which reflect the ideas of art wonderful special prints. It considered as one of the handicrafts that has been almost extinct due to several factors including the trend of the largest number of designers and craftsmen to the modern technological applications and the quick implementation of publications, In addition to the difficulties of manual implementation of some stages which needs more workers and takes a lot of effort and time, Hence the problem of research in the question: How can the use of laser engraving technology develop methods of manual block printing and make it easier ?Objective of the study: Adapting the technical capabilities of laser engraving in the block while preserving the aesthetics of manual printing, and replacing some of the stages that spend the designer time and effort in the implementation of another modern .The importance of studying is Utilization of technological applications of laser engraving in the preservation of textile block printing and its effect in developing handicrafts prints, A descriptive and experimental approach through studying the effect of laser in drilling on the various types of blocks, laser possibilities in achieving the different effects in the design of textile printing, coloring of multicolored design by separating color spaces and color analysis method, Results: The study showed that the quality of block printing can be controlled by adapting the technological possibilities of laser to the different materials of the blocks to achieve artistic richness in the design of handmade textile printing and obtain higher results in the quality of drilling and diversity Touch and possibilities of coloring the designs. Keywords: block printing-laser-engraving- 3d engraving-Engraver Speed.