

# New Approches in Applied Arts and Design

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## Creativity and Sustainability

Mandana Barkeshli



IIUM PRESS

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

# New Approaches in Applied Arts & Design - Creativity and Sustainability

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Published by:  
IIUM Press  
International Islamic University Malaysia

First Edition, 2011  
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Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Mandana Barkeshli: **New Approaches in Applied Arts & Design - Creativity and Sustainability**

ISBN: 978-967-418-041-6

Member of Majlis Penerbitan Ilmiah Malaysia – MAPIM  
(Malaysian Scholarly Publishing Council)

Printed by :  
**IIUM PRINTING SDN. BHD.**  
No. 1, Jalan Industri Batu Caves 1/3  
Taman Perindustrian Batu Caves  
Batu Caves Centre Point  
68100 Batu Caves  
Selangor Darul Ehsan

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## CHAPTER ONE

### FROM *TAMEZUKI* TO *SAMARGHANDI* PAPER - A NEW APPROACH TO RESTORATION TECHNIQUE OF ISLAMIC PAPER MANUSCRIPTS<sup>1</sup>

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#### ABSTRACT

The present study is of two phases. In the first phase the author investigates the trace of handmade paper making in Islamic civilization based on the techniques that is still in practice in Japan, namely *Nagashizuki* and *Tamezuki*. In the second phase the author introduces a new technique for restoration of historical manuscript using the match fibber of handmade paper making technique. For restoring the lost areas of a paper manuscript, ready-made Japanese tissue papers are commonly used in the form of pulp of patch. The tissue papers that are generally used to fill the lost area may behave more differently than the original historical papers owing to environmental factors, especially in terms of shrinkage. A new approach to restoring the lost area of a thirteenth century Iranian Holy Quran is used as a case study. The scientific analysis was carried out by identifying the paper fibbers from original sample known as *Samarkandi* paper and making handmade paper based on *Tamezuki* technique; the same technique the author believes was used originally in Samarkand.

[Keywords: Holy Quran, *Samarkandi* paper, handmade paper-making, paper bank.]

#### INTRODUCTION

The 1992 Japanese Paper Conservation Course (JPC) in which the author participated was a very good experience that led to an unexpected experiment. After getting exposed to the paper making in Nara and getting the chance to understand the paper making in details and the paper-making techniques that originally goes back to 2<sup>nd</sup> B.C. the author had an excellent chance to explore the possibilities of applying what had been learnt during her journey in Japan. The present paper deals with the researches and studies that are done with relation to the trace of hand-made paper making in Islamic civilization and the new restoration techniques based on hand-made paper making which are carried out in two phases.

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\* Part of this paper has been presented and published in the Proceedings of the International Seminar on Japanese Paper Conservation, 14-20 December 1998.