

## Summary

### Research Problem :

The Research Problem emerges in the following questions :

- To what extent the layers of natural wood crust can be treated ( Technically and artistically ) in order to achieve the color and linear values ,enhancing thus their artistic and aesthetic values ?
- how can the layers of natural wood crust can be employed after being technically treated with dying and pressing , in creating artistic forms that achieve the aesthetic value in the contemporary wood work ?

### Research Objectives :

Finding new inputs in the field of wood work through the experimentation on wood material and methods of formation techniques and artistic treatment .

Finding new experimental methods inputs in using the layers of natural wood crust and making use of its aesthetic prospects in enriching wood work .

Attempting to cope with the aesthetic development and new concepts in the main stream trends through reaching newer esthetic formations of wood work .

### RESEARCH HYPOTHESIS .

It is possible to treat the surfaces of the natural wood by dying and pressing in order to achieve artistic values of wooden work .

The researcher also follows the descriptive approach and employs the experimental methodology in conducting the proposed study .

### Tentative Chapters

The present study consists of six chapters

Chapter One defines the research problem , research objectives , aims of the study , hypothesis , limitations , research methodology and procedures .the chapter also includes a review of the literature and concludes with a list of the terms used in the study .

Chapter Two Covers the artistic values of contemporary wooden work . It includes , the concept of Values structural values and elements of formation of the work of art as well as the artistic values of wooden work .

Chapter Three : Covers the following :

- the formal characteristics of wood as the primary material in wooden work , and the role of material in the formation of the work of art and the concept as well as definition of the material .

The artist and the material :the physical and perceptual characteristics of the material , types of material , functional content of the artistic work and the aesthetics o the natural material .

Also , the realization of natural and artistic beauty in the filed of wood work . the responsibility of the artist to wards the material , and the material used in wooden work and selection of execution methods .

Chapter four : Covers the following :

the layers of the natural wood crust it types ,stages of preparation from natural wood methods of cutting to extract the natural wood crust from the roots of trees and preparation of surfaces for using the natural wood crust on them .

Chapter five :

Tackles the artistic treatment the layers of the natural wood crust .

Firstly ,treatment with dyes and color .

This is achieved through a color treatment based on the use of plants and natural herbs .also , a color treatment based on the use of chemicals and cloth dyes .

Secondly , treatment of compression and pressing the layers of the natural wood crust .

Chapter six

Covers the applications of the study ( the personal experimental ) its goals , stages and limitations . the tools , materials used in experimental . the applications of the study in the form of description , portrayal and artistic analysis of wood work that resulted from the present experiment .



**Ain Shams University  
Faculty of Education  
Dept. of Art Education**

## **Technical treatments for layers of the natural wood crust by dying and pressing to achieve plastic values in wooden work**

**Submitted by  
Amira Abd Allah Sued Ahmed Makled  
Assistant lecturer at the dept.of Art Education,  
Faculty of Specific Education university**

**For The requirements of the degree master in Art Education  
(Wood Work)**

**Prof.dr Munir Mustaf Darwish  
A full professor of wood work  
in The faculty of technical  
Education Helwan University.**

**Prof.dr. Eid Saad Younes  
A part professor of apprec -  
iation and technical Criticism  
faculty of specific Education  
Ain Shams University**