Design Resource

Coconut Coir Bird Nest - Kanyakumari, Tamil Nadu
Coconut Fibre Crafts
by
Prof. Bibhudutta Baral and Sowmya B. N.
NID Campus, Bengaluru

Source:
http://www.dsource.in/resource/coco-
nut-coir-bird-nest-kanyakumari-tamil-nadu

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tion

Introduction

India is the largest coir producer in the world accounting for more than 80 percent of the total world production of coir fibre. The coir sector in India is very different and involves households, co-operatives, NGOs, manufacturers and exporters. Coconuts are grown in more than 93 countries in the world and therefore there is considerable scope to develop coir industry in further countries.

Kanyakumari also called as Kanniyakumari district is bounded by Tirunelveli district in the north and northeast, by Kerala state in the northwest and union of Arabian Sea and Indian Ocean in the west and south. The Coast-line is almost regular except for some points of land projecting into the sea at cape Comorian. Kanyakumari has been named after the goddess Kanyakumari Amman who is the popular deity of the area. Legend has it that the goddess Parvati in one of her avatars as Devi Kanniya did self-punishment on one the rocks of this land's end to obtain the hand of lord Shiva. In Kanyakumari some people are involved in coconut fibre nest making craft.

Craft is an evolved expression of human spirit. Craft was the first evolved expression of man which gave birth to arts and other life supporting process. Craft is considered to be more organized and filling in human relationships than even language, for it enters the blocks of communication. The coconut fibre nest making is also a wonderful craft.

In the changing world scenario, craft products form a part of lifestyle products in international market. The impression is due to the changing consumer taste and trends. In view of this, it is high time that the Indian Handicraft industry went into the details of changing designs, patterns, product development and required change in production facilities for a variety of materials, production techniques and related expertise to achieve a leadership position in the fast growing competitiveness with other countries. Coir handicrafts attracts consumer attention in view of its resourceful nature eco-friendly property.

Coconut fibre is also known as coir, comes from the inner husk of coconuts. Coconuts are the most commonly grown in the world and contribute significantly to the economy of humid areas. The short, rough fibres can be woven for a number of uses. Unlike man-made fibres, coconut is a renewable resource.

Coir is a totally natural, eco-friendly and extremely tensile fiber. This natural wonder is available in abundance and finds various applications. The coconut palm has been praised as 'Kalpvriksha' the all giving tree in the classic of India. The use of coconut throughout India makes it a symbol of national unity.

Mr. A. E. Muthu living in Kanyakumari artisan of the coconut fibre nest making craft. As per the order they do the work and 23-30 products are made in one day. Mr. A. E. Muthu also involved in making many other crafts including coconut fibre nest making. The manmade nest is used for home decoration.

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Craftsmen at the workplace.

Skilled artisans of Buddha handicrafts.

Artisan made handicrafts cap.

Artisan uses this machine for making the toy kind of birds.

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The Artisan made coconut crafts.

The Varieties of coconut Craft products.

The coconut Nest and inside of artificially birds.

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Tools and Raw Materials

Different types of tools and raw materials are used. The raw materials are easily available in home only and are very cheap. The following are the tools and raw materials used for nest making.

• **Coconut Fibre:** The main raw material. These is obtained by extracting the husk of the inner side of the coconut.

• **Paper:** Raw material is used as base material for making the nest shape.

• **Cone:** Using cone the nest parts are made by warping the coir around the cone and then removed.

• **Cotton Thread:** It is used to warp the products made of coir fibre. Cotton thread helps the product to take a definite and stable form.

• **Bench Drilling Machine:** The machine used to extract the coir from the coconut.

Uses of coconut coir.

Scissors and thread used to make a nest.

Manufacturer of Fiber Bird Molding Machines.

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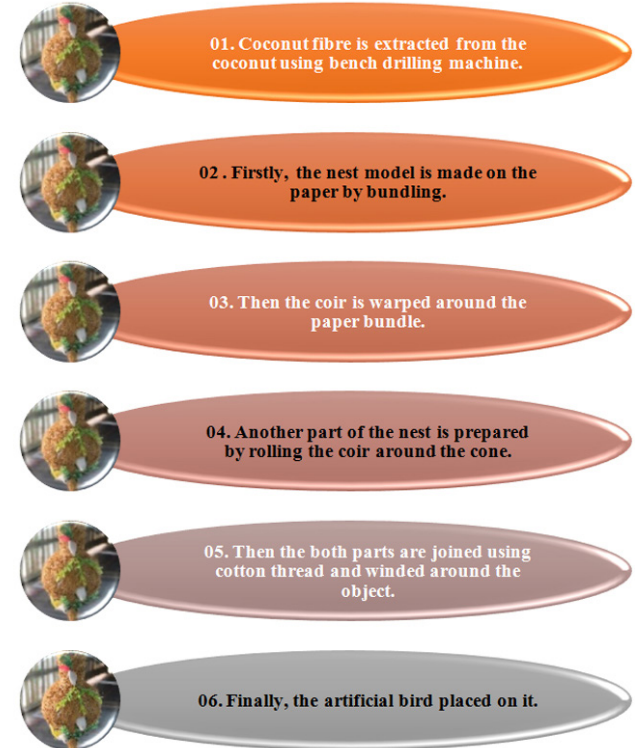
Making Process

The coconut fibres are used to make coconut nest fibre making. Coir fibres are categorized in two ways. When coconut fibre is extracted from matured coconuts. They are naturally brown in color having a strong and thick nature and good abrasion resistance. This fibre is called brown fibre.

When coconut fibre is extracted from immature coconuts. They are naturally white in color having smooth and fine soft touch properties and it is also weaker than the brown fibre. This fibre is called white fibre. The brown fibre is used to make nest.

The coconut fibre is extracted from the coconut using bench drilling machine. For making nest, firstly the design is to be finalized and made on the paper. Different parts are made by different people and then all parts are assembled together with the help of thread.

For nest making the paper is bundled like nest and then the extracted coir is warped around the paper bundle. Another part of the nest is prepared by using empty cone. The coir is warped around the cone and then the cone is taken out. Then the prepared part is joined using cotton thread. The cotton thread is winded around the whole object. Then the extra coir are cut out from the object. Once the nest making is completed the artificial bird placed on it.

Flow Chart:

01. Coconut fibre is extracted from the coconut using bench drilling machine.

02. Firstly, the nest model is made on the paper by bundling.

03. Then the coir is warped around the paper bundle.

04. Another part of the nest is prepared by rolling the coir around the cone.

05. Then the both parts are joined using cotton thread and winded around the object.

06. Finally, the artificial bird placed on it.

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Artisan is using the Coir for Making to the nest.

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The Craftsman unraveling at the coconut coir.

Craftsman coir Middle put in the paper packet.

Artisan is Gathering the Coir and paper packet.

Artisan is tying the Gathered Coir Packet in the thread.

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Shaped coir nest.

Applying the more coir of the Shape coir nest.

Craftsman thread tightly wraps the coir nest.

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Artisan Remove the Extra coir in the Fiber nest.

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Fiber nest is finally ready in the artisan hand.

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Products

Different types of product are made using coconut coir. Simple and elegant, beautifully crafted coir products give a beautiful appeal to any home or office. Products made out of coir fibre are mainly decorative products. The toys made of coir are very popular. Some utility products have come into life during recent times.

Coir products are 100% natural. The coconut fibre is used very artistically to make a wide range of ecofriendly toys, Wall hangings, key rings, Christmas hangings, pen stands and other home decorative. The utensils and soap stand is also made by using coconut fibre. The price range of these products starts from INR50 to INR300.

Prepared Nest.

Hanging the Coconut fiber bird nest.

Coconut fiber bird nest.

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Coconut fiber bird nest.

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Video

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Contact Details

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