

Design Resource

Bamboo Craft - Wayanad

Bamboo Crafts of Kerala

by

Dr. Bibhudutta Baral, Ms. Aruna Kumari. Y, and
Ms. Anushree Kumar
NID, Bengaluru

Source:

<http://www.dsource.in/resource/bamboo-craft-wayanad>

1. Introduction
2. Place and People
3. Tools & Raw Materials
4. Bamboo-Plantation & Types
5. Treating
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Introduction

Bamboo:

Natural fibers have been traditionally used all over the world by various cultures and people in order to meet their basic requirements of storage, building material, worship and for items of daily use. People in olden times used various kinds of natural fibers depending on their local availability. A variety of natural fibers are available in abundance in several parts of the country, and thus the scope of crafts based on these is huge. Bamboo is one of the abundant and widely used natural fiber in India. In Kerala, bamboos are found in abundance in the forest and home gardens. Apart from other places Wayanad is one of the major districts in Kerala known for its thick bamboo forest. There are around 25 variety of bamboos found and used in various form in Wayanad district of Kerala. These bamboos are grown either in forest on large scale or in homesteads on smaller scale. Other than this many government agencies are also involved in the production of bamboo. These agencies mainly focus of the rare species of bamboos.

Wayanad:

Wayanad is in the north-eastern part of Kerala. Bamboo is an integral part of the rural economy of Kerala. Bamboo craft is also increasingly important as it is providing part-time employment to many cultivators in the lean season, and also generating livelihood for a large amount of artisans. Various government agencies have come up with several policies to upgrade bamboo craft and plantation in the area.

URAVU:

URAVU is a registered non-profit organization based in Thrikkaipetta village in Wayanad district, Kerala. The organization focuses on working in field based research, promoting various policies, their implementation, product development etc. The aim of the organization is to create sustainable development plan which could help in preventing ecological mishap and economic backwardness. URUVU center its development policies in a way so that they can generate various beneficial opportunities for the artisan's communities, tribal, women etc. Today URUVU has 10 micro enterprises consisting of 20 members each running successfully under them. There are around 200 artisans involved in these clusters out of which 90% are women. The group is an amalgamation of people from different genre, traditional artisans, indigenous tribal people, and women from non-artisan background. URUVU is one of the largest employment generation bodies in the district.

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Wayanad is one of the Kerala's most beautiful place and a hub of bamboos



Bamboo can be see planted all around Wayanad



Certain species are specifically cultivated in the bamboo nursery under proper care



Small bamboo are planted in polybag pots

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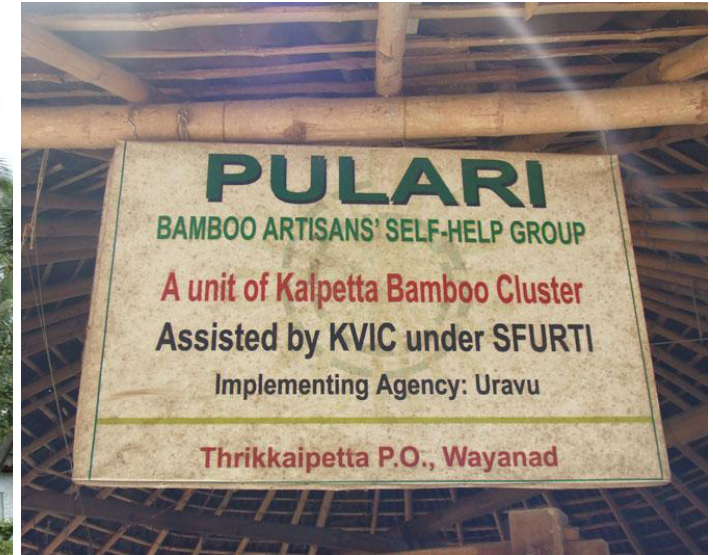
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URAVU is the biggest NGO working towards the uplifting of bamboo, artisans and bamboo crafts



Several government schemes are implemented to create awareness



A large number of population is dependent on bamboo craft in Wayanad



Men and women from different genre come along to work with URUVU

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Women working in URUVU.



Several decorative and functional products are made in bamboo

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A store for bamboo product in URUVU



Bamboo is one of the major product found in Wayanad and can be seen be used in different ways

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Place and People

Place:

Wayanad considered to be one of the most beautiful places is located in the north-eastern part of Kerala surrounded by Kozhikode and Kannur districts. The etymology of the word Wayanad is Vayal - paddy and Naad - land which means the Land of Paddy Fields. It is also the land of many indigenous tribes of this area. The district has a mixed population of Hindu, Muslims, Christians and tribal people. Few of the major tribal communities are Paniyas, Adiyas, Kattunayakans, Kurichiyans, Kurumas, Ooralis, Uraali Kurumas etc. Bamboo is an integral part of the rural economy of Kerala. Bamboo being an integral part of the rural economy of Kerala is used in different applications like construction, fencing, food and fodder, and also as raw material for agricultural implements, baskets and other utility items. Bamboo craft is also increasingly important as it is providing part-time employment to many cultivators in the lean season, and also generating livelihood for a large amount of artisans. Various government agencies have come up with several policies to upgrade bamboo craft and plantation in the area.

Bamboo can be found in abundance in various parts of the country. The main bamboo-rich areas are, North Eastern States, the Western Ghats, Chhattisgarh, Madhya Pradesh, Bihar and Andaman Nicobar Islands. Kerala is one of the major states producing bamboo out of which Wayanad is the hub of bamboo plantation. Easy availability of bamboo in the district initiates several crafts and other bamboo related activities in the villages. These bamboos are either found in forest or grown commercially in the nurseries for the self-help groups, communities, micro-scale entrepreneurs and social forestry sectors.

People:

In Wayanad, a large number of artisans are dependent on bamboo craft for their livelihood. These artisans come from different cultural backgrounds and work on the same platform irrespective of their cast and creed. These mix groups of skilled, semi-skilled and unskilled artisans help each other to understand the process and get involved at various levels to help the craft flourish as a whole. India is one of the largest bamboo producing country in the world.

Since ages, people in India have been involved in making bamboo products for storage and other domestic use. Men and Women from different culture and caste can be seen making bamboo products in their leisure time. Across the country a large number of population is dependent on bamboo craft for their livelihood. Traditionally tribal communities, fisher communities, and scheduled castes mainly practiced natural fiber crafts.

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Dr. Abdullah Kutty, is involved with URAVU and looks after the bamboo nursery and plantation of bamboo



Women working in URAVU



Designers in URAVU working on new designs



Around 90% of the total people working in bamboo are women

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Mr. Surendranath C. explaining the process of bamboo craft



Women associated with UNARVU work mainly on bamboo jewelry



A large number of SHGs in Wayanad are working in bamboo craft



Women associated with UNARVU work mainly on bamboo jewelry

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Tools and Materials

Tools used in processing and creating bamboo products are predominantly the one used for wood. Since there are no specific tools for bamboo therefore these machines are not accurate and create a lot of wastage. The sliver machine used to slice the bamboo is unable to cut bamboo according to the grains direction. Thus the grains are cut in between and therefore it reduces the strength. For this reason artisans prefer to use hand tools to work on bamboo.

Different types of tools used are:

- Kati (Small Knife)
- Andhra Kati (Big Knife)
- Katrika (Scissors)
- Tepupadi/ Pallaga (Sharpening wood)
- Hand planners
- Hex saw machine
- Hand drills
- Large containers for boiling
- Sewing machine
- Frame loom
- Measuring tape
- Fevibond
- Sandpaper – 80, 100 and 120
- River stone
- Plainer
- Hand Cutter
- Paint Brushes
- Clear Varnish
- Wax Polisha.

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Plough used to dig soil for planting bamboo



Andhra Katti and scissors



River bed stone is used to sharpen the knives



Hand grinder

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Buffing machine



River bed stone is used to sharpen the knives



Various tools used in the process of making bamboo products



Cutting machine

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Raw Materials:

The major raw material for this craft is bamboo and reed. Bamboo is locally called as Mula and reed is called as Ets/ Oda in Malayalam. There are 25 varieties of bamboos found and used in the Wayanad districts. There are few varieties of reed, which are only found in Wayanad for e.g. Oclandra scriptoria. These bamboos and reeds are grown in forest, homesteads or nursery. Homesteads are small areas on the lands of small farmers where some bamboo is grown for their own use. These bamboos are maintained and stand well as it is considered a part of the capital asset. The farmer family uses most of the harvest and only a minor part is sold on the local market. Bamboos from homesteads rarely reach the formal market.

Bamboo takes 5-6 years to attain maturity though every year new shoots arises from the base. Maximum life of bamboo is 30-35 years thereafter the flowering starts. Bamboos cannot be used once they start flowering. URAVU buy bamboos/ reeds directly from the farmers or for some specific variety they depend on the other government agencies. Bamboos are bought as poles at a rate of Rs. 10-15 per pole.

Various bamboos found in Wayanad are as follows:

Bambusa Vulagaris Green, Bambusa Vulgaris Yellow, Dendrocalamus Giganteus, Thyrsostachys Siamensis, Guadua Angustifolia, Malocanna Baccifera, Bambusa Var. Wamin, Pseudo Oxytenanthera, Ochlandra Travancoria, Dendrocalamus Asper, Ochlandra Scriptoria, Dendrocalamus Longispathus, Dendrocalamus Strictus, Bambusa Balcoa, Bambusa Vulagris var. Wamin, Bambusa Tulda, Bambusa Multiplex, Dendrocalamus Brandisii.

Apart from this various other raw materials are used to make bamboo, furniture, weaving, jewelry etc.

• Nool (Thread):

Cotton or nylon threads are used for weaving. The sizes can vary as per the requirement. Cotton thread is used in the curtains to be used in the interior doors and windows whereas nylon thread is used in the curtains for exterior use, as they are exposed to water and sunlight directly.

• Natural Colors:

Various colors are extracted from natural sources to be used in coloring the bamboo as per the requirement.

• Chemical Colors:

Several colors are used to paint the curtains and other product to enhance the beauty.

• Boric and Borax Powder:

These are used to treat the plant in order to prevent fungal and borers attacks.

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Different types of bamboo are used to make different products



Elephant bamboo is widely used to make craft products



Pen reed is mainly used to make bamboo pen



Cotton and nylon thread are used to weave the curtains or mats

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Nylon strips is used as lining on the curtain edges



Thin cotton threads are used to make small blinds

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Various tools and raw material used to make jewelry



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Bamboo-Plantation & Types

Plantation:

The process of bamboo crafts starts from the plantation. Bamboos are cultivated by farmers either in forest or in homesteads. Bamboo plant needs sufficient water supply to get evergreen plantation throughout the year. The process of plantation includes following steps:

• Clearing the Planting Area:

The area to be planted is cleared off weeds and other plants with the help of plough. Taking a bamboo stakes marking is done for planting bamboos at equal distance. Small pots in which the bamboos are planted are duged after every 1 meter.

• Plantation of the Bamboo:

Bamboo plants are bought from the nursery in small polybag pots. These bags are carefully removed so as not to damage the root system. The plants are placed in the duged pots covered with soil up to the same level as in polybag pots. Manure made up of neem fruit waste is sprinkled in order to prevent attacks from wild pigs, ants and other insects.

• Care and Maintenance:

Though the bamboo plant does not require much maintenance, still the plants should be checked whether they have been planted properly or not. The plantation area should be free of weeds and other plants. Bamboo can also be guarded by creating fence around it. Occasionally fertilizers should be put for proper growth.

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Various tools and raw material used to make jewelry



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Types:

Various bamboos found in Wayanad are as follows:

- **Bambusa Vulagaris Green:**

These bamboos are green in color with yellow strips. They are hard and can be used for any purpose.

- **Bambusa Vulgaris Yellow:**

This is the common variety of bamboo, which are yellow in color with green strips.

- **Dendrocalamus Giganteus:**

These are commonly called as elephant bamboo. These are mainly used in various crafts. Elephant bamboo doesn't grow in forest.

- **Thyrsostachys Siamensis:**

These ornamental bamboos are locally called as monastery bamboo.

- **Guadua Angustifolia:**

These are the South American variety of bamboo. Mainly used in architectural purpose.

- **Malocanna Baccifera:** These are from Assam.

- **Bambusa Var. Wamin:** These bamboos have a distinctive, white leave and thick white strips.

- **Pseudo Oxytenanthera:** These are thin bamboo used to make hooks.

- **Ochlandra Travancoria:** It's a variety of reed.

- **Dendrocalamus Asper:**

These types are bamboos are mainly used to collect the shoots for further bamboo plantation

- **Ochlandra Scriptoria:**

This variety is only found in Wayanad. It was traditionally used for writing; today they are used make pens. They are grown along the stream and prevent soil erosion. These bamboos are thin with the maximum thickness goes upto 2 inches.

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- **Dendrocalamus Longispathus:**

These are very strong bamboos used for making hooks, sheds and rafts

- **Dendrocalamus Strictus:**

These are very strong bamboo used in construction

- **Bambusa Balcooa:**

These bamboos are planted commercially and used for fire woods since the carbon content is high in it.

- **Bambusa Vulagris var. Wamin:**

Commonly called as Buddha belly. These are the warm variety of bamboo.

- **Bambusa Tulda:**

These bamboos are used to make agarbatti.

- **Bambusa Multiplex:**

These are the garden variety of bamboo.

- **Dendrocalamus Brandisii:**

These are strong bamboo used as support poles. Reeds are more suitable for making mats or curtains as they are straight and the internodes distance is more.

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Various bags are made for different types of bamboo



Bamboos of different species are kept separately and taken care as per the requirement



Few bamboo plants are 3-4 feet in height



Apart from bamboo, reeds are also grown in the nursery

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Bambusa vulgaris green



Bambusa vulgaris green

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Dendrocalamus giganteus



Thyrsostachys siamensis

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Thysostachys siamensis



Malocanna baccifera



Bambusa var. wamin



Pseudo oxytenanthera

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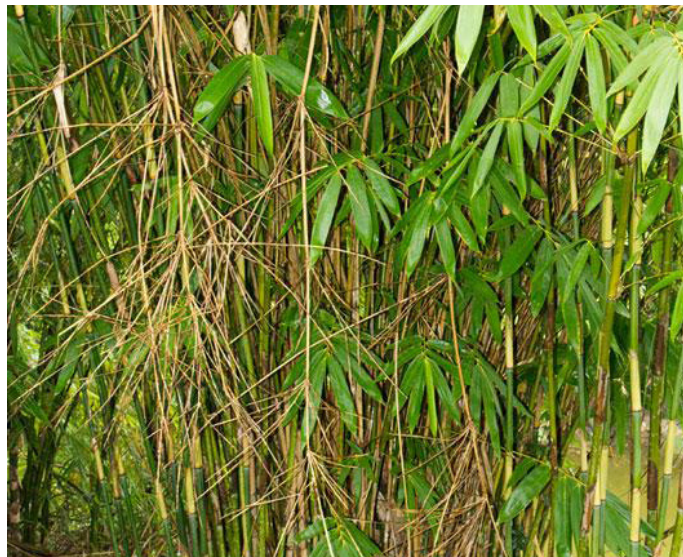
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Ochlandra travancoria



Dendrocalamus asper



Ochlandra scriptoria



Dendrocalamus longispathus

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Dendrocalamus strictus



Bambusa balcooa



Bambusa balcooa



Bambusa vulgaris var. wamin

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Bambusa balcooa



Bambusa balcooa



Dendrocalamus brandisii



Life of bamboo gets over once it starts flowering

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Treating

Different Stages:

Different processes stages are conducted for making different bamboo products. But each bamboo to be used goes through a common treatment process which helps to prevent any fungal attacks on the bamboo. The initial process can be categorized under following points:

- Cutting
- Treatment
- Slivering

• Cutting:

Once the bamboo is bought from the farmers or the agencies it is cut into desired shape on the cutting machine. Initial cutting segregates the bamboo into following parts:

1. Cutting in desired size of 30, 40, 45, 50, 55, 60, 65, 70 cm.
These sizes depends on the size of the blinds.
2. Removal of nodes.
3. Cutting off the damaged part.

• Treatment:

Once the basic cutting is done the poles goes for treatment in the treatment plant. The process in conducted both by men and women. The treatment process takes at least one day after which the poles are dried in sun.

• Slivering:

After final drying of bamboos they are further sliced into thin strips as per the requirement in weaving of furniture. Bamboos are cut into thin strips using slivering machine and then further with using hand tools. These strips are again kept under the sun for drying. Thereafter using small kati women further smoothen the strips. This process is called as silca removal.

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Bamboo Crafts of Kerala

by

Dr. Bibhudutta Baral, Ms. Aruna Kumari. Y, and
Ms. Anushree Kumar
NID, Bengaluru

Source:

<http://www.dsource.in/resource/bamboo-craft-wayanad/treating>

Pressurized Treatment Tank (PTT):

PTT is used to treat the bamboo against borer attacks. The plant can treat bamboo up to 20 feet tall. These bamboos are generally used for construction purposes. The tank is filled with bamboos (up to 60 poles) and supplied with steam mixed with 25 Boric acid solution and 2 % Borax chemicals in water. The whole process takes up to 3 hours. After the treatment the tank is opened after 2-3 hours so that the temperature inside is cooled down. Then the nitrogenous products, which ooze out of bamboo, are wiped out. The bamboo due to steam absorbs the chemicals and thus become borer or termite proof. The pieces are dried under the sun on the bed of sand. Sometimes they are also applied with 15 of sodium penta chlorophenete in alcohol to prevent further damage during monsoons. Small bamboos are boiled in large containers with the same chemicals in order to treat them. These bamboos are used for making curtains or weaving. In larger containers 1000 poles can be treated at a time. The process takes 2-3 hours and after that they are taken out the next day and then sun-dried to be used in the next stage. For burning scrap bamboo is used.

Traditionally the artisans performed a rigorous method to treat the bamboo. Bamboos were soaked in water for 2-3 months. This helped in removing all the glucose content from the bamboo and thus making it permanently borer proof. Since the process was time consuming therefore the Pressurized Treatment Plant replaced the traditional method.

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Once the bamboo is purchased from the farmers they are brought to the center



For treating small bamboos small containers are used

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After stocking the poles it is pressed by heavy weights to avoid bending



Scrape bamboo poles are used as a fuel



The boiling process takes up to 2-3 hrs



The treated bamboos are taken out the next day

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Some big bamboos are cut before the treatment process



Bamboo strips are sundried



Big bamboo (up to 20 feet long) used in construction are treated in Pressurized Treatment Plant



Finally the treated bamboos are cut in desired shapes and the edges are smoothened

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Bamboo Craft



Basketry



Jewelry



Calendar Stand



Weaving

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Basketry

Bamboo basket weaving is an age old practice done by the women or sometimes men to make products for daily use. It is a simple process starting with splitting of bamboo into thin strips. The strips are split in two shapes flat and round to make different kinds of basket. Further these strips are dyed as per the requirement in natural or chemical colors.

There are three main parts of the basket; base, side walls and rim. Sometimes baskets are also attached with lid and handles. Weaving of baskets begins with making the base. Bamboo strips are arranged in criss-cross manner to make base of different shapes, circular, square, oval etc.

After making the flat base the side walls of the baskets are either made directly or they are made using a frame of the desired shape. Several patterns are developed while weaving a basket. For surface enhancement artisans also use dyed strips of bamboo for weaving. After reaching the appropriate shape and size, slightly thick and broad strip of bamboo is used to make the rim. The rim is pasted on the edges manual using a fevi-quick. Thereafter the extra strips are cut by Katti and the basket is taken off from the frame.

Lids and handle are added once the basket is completed. Weaving of curtains and blinds majorly happens in URAVU, whereas baskets and mats are weaved by the women in their home.

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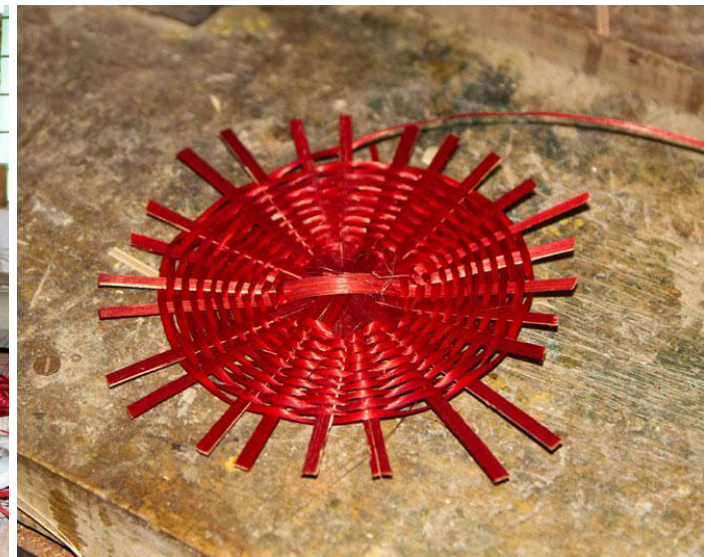
Dyed or non-dyed bamboo strips of different sizes are the basic raw material to make basket



Tools used in the process of basket weaving



Woman in URAVU involved in making small bamboo baskets



Base of the basket is made without using any frame

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Bambusa balcooa



Thin coils are cut into pieces using a metal strip.



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Calendar Stand

Bamboo stands for holding calendar is the other major product made by a sister concern of URAVU called as NIRAVU.

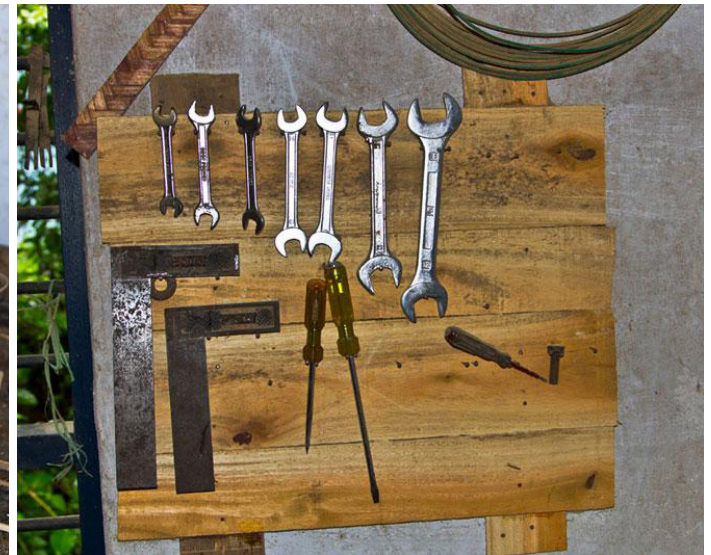
The reed *Ochlandra scriptoria* is used to make the base structure with the resting plate is carved out of *Dendrocalamus giganteus*.

Thin bamboos are cut into desired shapes of 4 inches in length. These are further wedged at an angle using the cutting machine. Three bamboo sticks are joined together to make an equilateral triangle with the help of fevi-bond. Thin bamboo strips further cover the angles though weaving. A half cut bamboo strip of 12 inches height and 2 inches in thickness is attached to the base with the help of fevibond. The product is finished and coated with transparent varnish to provide shine on the surface.

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Raw material used in making calendar stand is *Dendrocalamus giganteus* and *Ochlandra scriptoria*, along with cane strips



Basic tools used in making calendar stands

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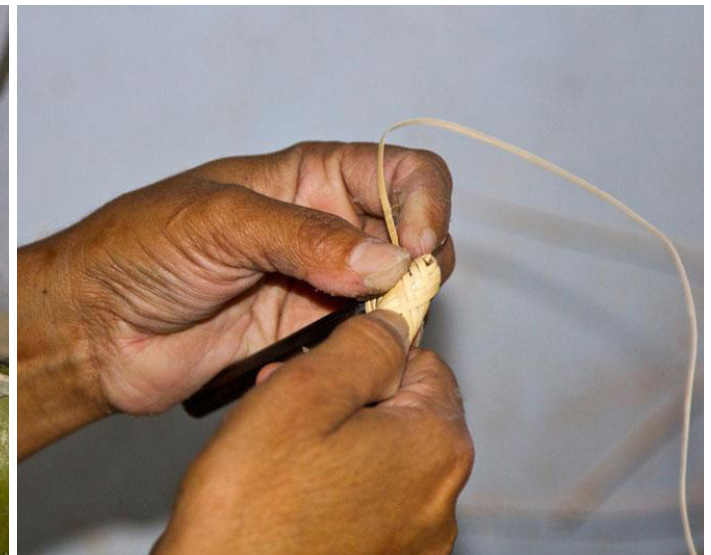
Cutting machine is one of the main machine used



Ochlandra scriptoria surface is burned to make it black and then it is cut in equal lengths.



The edges of the small piece are wedged at an angle



The pieces are joined with the help of fevibond to make an equilateral triangle. The edges are covered by weaving using cane strips

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Strips of Dendrocalamus giganteus is cut of desired thickness



The strips are further cut as per the desired length



Marking for attaching the base is done with pen and a hole is drilled



A thin strip of bamboo dipped in Fevicol is used for fixing the base

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The base is placed on the flat bamboo strips and the thin strip is hammered in the hole



The excess strip is cut in an angle



The cut surface is again smooth and finished



Further the fevibond is applied for better fixation

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Final bamboo calendar stand ready to be sold



Women associated with NIRAVU involved in making calendar stand

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Jewelry

Jewelries are made out of *Dendrocalamus giganteus* and *Ochlandra scriptoria* bamboos. The elephant bamboo is cut into strips of 2 inches. The process starts with the removal of silica with the help of Andhra Kati, and further with the small kati. The surface smoothening is done with the help of 120 number sandpaper. The desired shape is traced on the surface of the bamboo with the help of stencils. Once the shape is made it is cut out using hex saw machine. The edges are further smoothen on the grinding machine.

Once the shape is achieved holes are drilled to insert the threads. The surface is either burned or painted using acrylic colors to create patterns. Small beads are added and the whole jewelry is painted with clear varnish. Thus the product is packed and is ready for sale. Jewelries are made at UNARVU by a group of 10-15 women.



Various raw materials like, bamboo, copper wire, threads, beads, colors, sandpaper etc are used in making bamboo jewelry.



Different types and colors of glass and plastic beads are used to enhance the bamboo jewelry

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Basic tools used in the process of making jewelry



The outer skin is peeled off using an Andhra Katti



The surface is then smoothen by using a 120 number sandpaper



The designs are traced on the surface using paper templates

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A rough cutting on the design is done with the help of hand saw



Proper shape of the design is given on the sander machine



Holes are made using drills where ever required



Extra layer of the bamboo piece is removed using a small katti to reduce the thickness

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The cut surface is again rubbed with sandpaper to make it smooth



The cut piece is ready for painting



Ochlandra scriptoria bamboo is used to make bamboo beads. The surface is peeled off to make it smooth



Small pieces of equal length is cut with a hand saw

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Each piece is rubbed on a sandpaper to smoothen the cut surface



The beads are inserted in a thread in order to paint



The strings with beads are hanged and desired paint is applied on the surface with the help of brush



Copper wire is used to make hooks

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Small glass beads are inserted in the copper wire to make attachments for the bamboo piece



The prepared beads are attached to the bamboo piece



The cut surface is again smooth and finished



The final pendent with painted motifs and glass beads

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Nylon threads are used to make strings



Woman involved in final assembling of the beads and the pendants



Final bamboo jewelry



Women involved in jewelry making

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The group of women associated with UNARVU working on Bamboo Jewelry.

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Weaving

Once the culms are treated and split they are ready to be used in weaving. The thickness of the split bamboo depends on the need. Weaving is done either by hand or on looms. The women using various weaving techniques do hand weaving. These are done basically to make mats or to make baskets (kotta).

Curtains and blinds are weaved on frame loom. Reeds of longer length are used for weaving curtains or blinds. They are first dyed. Natural as well as synthetic dyes can be used for the purpose. After the sticks have dried they are ready for the loom. The weaving is done on frame looms. The warp can be plain undyed yarn purchased from the market or it can be dyed. After dyeing the yarn is opened or disentangled on the charkha and wound into small bundles. The next stage is warping, which takes place on a warping machine, an octagonal cylinder like frame. The thread rolls are first placed in a predetermined manner on a vertical frame. When the warping machine is rotated threads from these rolls pass through a reed frame and are wound on the cylinder, preparing the warp threads. Once the required length has been achieved the warp threads are transferred onto a beam on the loom for weaving.

The beam with the warp thread is placed on one end of the loom while the weaver sits at the other end at the level of the loom, with feet placed over the pedals or treadle. With one hand the weaver takes the hand shuttle across the warp to fill in the weft yarn. The reed is inserted through the hole and stretched across the warp yarn with the flat wooden bar. The beater with reed (comb like frame) is drawn with the other hand to beat the weft firmly into the warp. The movements are repeated to weave the desired product. As the mat is woven, it is wound onto a beam placed near the foot of the weaver.

Once the weaving is done, it is taken off the loom for further finishing. The curtain or blind is painted with chemical colors to further prevent it from moisture and sunlight. The sides of the curtains are cut and stitched with nylon strips. Fixtures for hanging are added. The product is checked finally and then packed.

Weaving of curtains and blinds majorly happens in URAVU, whereas baskets and mats are weaved by the women in their home.

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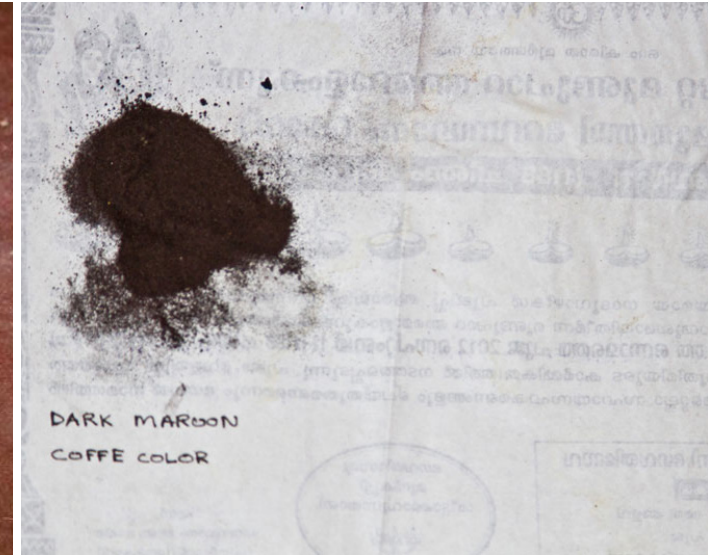
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Cotton and Nylon threads are used in weaving curtains and mats.



Mostly natural but sometimes chemical colors are also used for dyeing the bamboo strips as per the requirement.



Dried thin strips of bamboo split into different thickness.



Frame looms are used for weaving.

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With the help of small Katti, women remove the silica of the bamboo strips.



Loom is set for weaving.



Different thickness of bamboo strips are inserted while weaving to make mat.



Weaved mat is checked occasionally to maintain the consistency.

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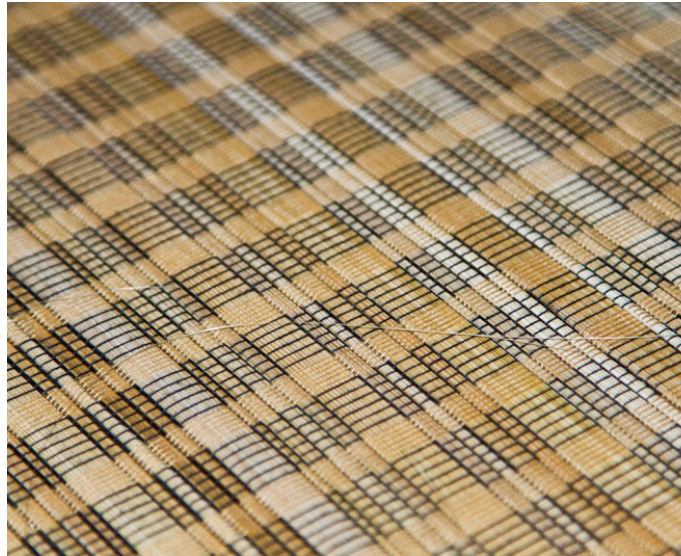
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Different weaves are used to make curtains or mat



Woman heat to burn the fine fibers of the bamboo



Bamboo curtains are painted prevent it from weathering



Women involved in cleaning the bamboo

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<http://www.dsource.in/resource/bamboo-craft-wayanad/products>

Products

Design development has been noticeable in natural fiber crafts especially in bamboo craft. A variety of products are being made to suit contemporary spaces. While floor mats and baskets have traditionally been made they are now available in bright colors and attractive color combinations. Artisans are trying combination of different material to create products. Different surface finishes are explored to enhance the product like burning, painting; carving etc. the motifs used are majorly tribal and indigenous in nature. New patterns in weaving are even explored to create beautiful surfaces. URAVU has people who come from non-design background but poses high level of skills and idea. They help in developing new products and designs.

Apart from this, various training programs are also conducted by various designers to come up with new designs. Of all the handicrafts of Kerala, the widely prevalent art of weaving bamboo or reed baskets and mats is the simplest in form and most adaptable to usage. These artisans play a crucial role in agriculturalist villages by creating a wide range of items necessary for the occupational requirements of the villagers; these include mats for drying grain, winnowing fans for separating chaff, baskets for storing grain and for drying food grain, pepper corns and coconut kernels etc.

A wide variety of products made in bamboo are, floor mats, beach mats, table mats, table runners, coasters, curtains, furniture, shoulder bags, purses, coin, jewelry, magazine holders, cutlery trays, fruit trays, boxes, bins, baskets, lamps, table watches, masks etc. Few of the famous products made at URAVU are the bamboo pen and bamboo rainmakers.

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Design Resource

Bamboo Craft - Wayanad

Bamboo Crafts of Kerala

by

Dr. Bibhudutta Baral, Ms. Aruna Kumari. Y, and
Ms. Anushree Kumar
NID, Bengaluru

Source:

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Small basket



Masks made out of bamboo



Different shapes and surface finishes are given on the mask



Bamboo roots are also used for enhancement on the mask

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Pen stand made up of Ochlandra scriptoria



Candle stand



Pen stand



Decorative bottles

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Lamps



Flower baskets

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Flower pots



Pouches

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Bamboo jewelry



Earrings



Bracelets



Bamboo bangles

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Lamp shades



Bamboo rainmaker

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Bamboo curtains



Bamboo accessories

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<http://www.dsource.in/resource/bamboo-craft-wayanad/contact-details>

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