Value Added Products from Coconut

(Coconut Processing: Coconut Oil, Coir Fibre, Pith, Mattresses, Desiccated Coconut (DC) Powder, Coconut Cream, Coconut Milk, Spray Dried Coconut Milk Powder, Coconut Shell Products, Shell Charcoal, Activated Carbon from Coconut Shell, Virgin Coconut Oil (VCO), Shell Powder)

Coconut is a versatile product and has multiple uses. Almost all the parts of a freshly grown coconut, eatable or otherwise, are used in some or the other manner. Coconut everything can be found in the natural food market. Coconut oil, coconut sugar, coconut water. Each of the different pieces of the coconut are used for different, and sometimes multiple, products. Therefore, oil competes with all of the other coconut products for the simple availability of the coconut plant.

The coconut is a very useful plant with a wide range of products being sourced from it. Coconut products are used to make everything from clothing to animal feed to beauty creams. Its kernel is harvested for its edible flesh and delicious water, while its husk is used for its strong fibers.
Most important, however, are its oils, which are extracted, processed, and marketed for culinary, medicinal, and cosmetic uses alike. Such trendy products come from young green coconuts, fresh coconut and the trees' flowers.

**Coconut products**
1. Tender coconut water
2. Copra
3. Coconut oil
4. Raw kernel
5. Coconut cake

Coconut export from India includes coconut (fresh and dried), copra, palm kernel/babassu oil, W/N refined not chemically modified, coconut desiccated, crude oil and fractions, oil-cake and oilcake meal expeller variety of coconut or copra, coconut coir (raw), hookah of coconut shell, flower carvings of coir, etc.
Coconut and coconut based products sector plays a pivotal role in the foreign exchange earnings by offering a wide array of products to the international market. The coconut is a very useful plant with a wide range of products being sourced from it. Coconut products are used to make everything from clothing to animal feed to beauty creams. Its kernel is harvested for its edible flesh and delicious water, while its husk is used for its strong fibers. Most important, however, are its oils, which are extracted, processed, and marketed for culinary, medicinal, and cosmetic uses alike. Typically, the flesh is first dried down to 6% moisture to make copra. This product is then hauled to factories across the world where it is manufactured into oil.
Virgin coconut oil is obtained by pressing the fresh meat of the coconut. It is extracted by a mechanical process without chemical changes. The oil remains in its most natural form. Virgin coconut oil is derived from the fresh and mature kernel (flesh) of the coconut. Coconut Vinegar is an important ingredient for many food preparations for enhancing their tastes and keeping qualities. Besides, it is also used in canned and packed food products like pickle, meat products etc. The vinegar available at present is mainly synthetic origin. Product diversification and by product utilization of coconut for food products have attained remarkable achievements and its promotion have significantly attributed to the present level of price stability in coconut. In the field of byproduct utilization, only the coir industries have made significant stride in the economy.
In case of coconut shell utilization, Philippines, Indonesia, Sri Lanka are far ahead of India. Considering the immense potential and the need for promotion of shell based industries in the country, the Board has played a salutary role. In India coconut shells are used as fuel in households, bakeries, brick yards, lime kilns, iron foundries and other small scale industries. It is a natural product made up of hardened cellulose with high lignin content, which renders it to be very durable, enabling it to resist quick degradation and easy decomposition even under wet conditions.

Coconut shell powder is extensively used as compound filler in the plastic industry, synthetic resin glues and as filler cum extender for phenolic molding powders.
This unique product is used for specialized surface finishes, mastic adhesives, mild abrasive products & polyester type laminates. In India, the coconut shell powder has extensive application in the manufacture of agarbatti, mosquito coil etc.

Coconut is a popular plantation and is grown in more than 90 countries of the world. Coconut has an important place in the Indian culture and has been produced here since time immemorial. India, producing 13 billion nuts per annum, is one of the market leaders in coconut.

Demand for coconuts has grown upwards of 500% in the last decade. This is because coconut-based derivatives, such as soaps, virgin coconut oil, health products and coconut water, have all seen large spikes in demand, so much so that producers may not be able to keep up.
The volume and value in the export of coconut oil, desiccated coconut and activated carbon have shown a significant increase. While desiccated coconut exports went up 63 per cent, the increase was 23 per cent in the case of coconut oil over the previous year.

The export of coconut and coconut products from India increased by 10.50 per cent to 1450.24 crore in 2015-2016. The increase in quantity exported of desiccated coconut, coconut oil and activated carbon when compared to previous year was 63, 23 and 13 per cent respectively. There are greater prospects for exports of coconut oil, virgin coconut oil and desiccated coconut from India in 2016-17 as the prevailing domestic price is less when compared to the international market.
Over the years, coconut production has helped the economy of India colossally. In states where coconuts are produced, it is one of the leading influences of the economy in those areas. Coconut farming has been responsible for a good number of employments in rural areas. Further, the processing, manufacture, packaging and shipping industries have gained from coconut exports enriching more livelihoods.
Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on required Project.

For more details, Click on below link

Coconut and Coconut value added Products, Coconut Oil, Coir Fibre, Pith, Mattresses, Desiccated Coconut (DC), Coconut Cream, Coconut Milk, Spray Dried Coconut Milk Powder, Coconut Shell Products, Shell Charcoal, Shell Powder, Activated Carbon from Coconut Shell, Virgin Coconut Oil (VCO), Coconut processing unit
Coconut Processing Unit: Coconut is one of the important fruit having large uses starting from bakery, confectionery, pharmaceutical industries to beverage industry and many more industries. Coconut oil is extensively used for edible and industrial purposes. Desiccated coconut powder is a foremost edible product and is used largely as the basic ingredients in the preparation of many South Indian dishes. Read more

Virgin Coconut Oil: Virgin coconut oil (VCO) is growing in popularity as functional food oil and the public awareness of it is increasing. It is expected that VCO will experience a dramatic growth in the market. The growing demand for virgin coconut oil (VCO) in the international market is expected to directly benefit coconut farmers in the State, with the Coconut Development Board (CDB) initiating steps to help local farmers set up their own large-scale VCO units. Read more
Integrated Coconut Processing Unit: Several products from coconut kernel can be manufactured such as Coconut Powder, Coconut Flour, Coconut Cream, Coconut Oil, Coconut Water, Coconut Milk etc. There is very good market for Coconut Powder in India and abroad and hence to set up manufacturing unit for this item seems to be economical with only expectation of easy and cheap availability of Coconut which is the alone raw material for this product. Read more

Coconut Oil from Copra: Coconut oil, also known as coconut butter, is a tropical oil with many applications. It is extracted from copra (derived from Malayalam word "kopra" which means dried coconut). The production is highly dependent on the monsoon and incidence of pest and diseases and fluctuates between years. Read more
Activated Carbon from Coconut Shell: Activated carbon in any form of carbon shows high absorptivity for gases, vapours and colloidal solids in either the gas ion or liquid phase. It is available in many forms such as pellets, granules and in powder form. Due to the expansion of pharmaceutical and vegetable oil industry, the demand of activated carbon is expected to rise sharply in the coming years.

Charcoal From Coconut Shell: Charcoal and purity of any substances has now become a basic requirement of any chemical substance. So many products obtained by processing are dirty in colour and having so many impurities. This problem can be easily solved by adsorption of which carbon has become one of the most generally used materials for the purpose, animal matter.
Filtration and Airtight Packing Of Coconut Oil: Coconut oil is used in India as a cooking fat, hair oil, body oil and industrial oil. Coconut oil is made from fully dried copra having maximum moisture content of six per cent. Steam cooking of copra is also practised by some millers to enhance the quality and aroma of oil. Coconut oil is marketed in bulk as well as in packs ranging from sachets containing 5 ml. to 15kg tins. The branded coconut oil in small packs is mainly marketed as hair oil and body oil........Read more

Desiccated Coconut Powder: Coconut powder is the one of the common oldest name which is basically used in making cakes, pastries & chocolates. Coconut powder is usually considered as by product of the coconut oil industry. It is found that there is good demand of desiccated coconut powder. There is good scope for new entrepreneur to venture in to this project.........Read more
Major Queries/Questions Answered in our Report?

1. How has the industry performed so far and how will it perform in the coming years?
2. What is the Project Feasibility of the Plant?
3. What are the requirements of Working Capital for setting up the plant?
4. What is the structure of the industry and who are the key/major players?
5. What is the total project cost for setting up the plant?
6. What are the operating costs for setting up the plant?
7. What are the machinery and equipment requirements for setting up the plant?
8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?
9. What are the requirements of raw material for setting up the plant?
10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?

11. What is the Manufacturing Process and Formulations of the plant?

12. What is the total size of land required for setting up the plant?

13. What will be the income and expenditures for the plant?

14. What are the Projected Balance Sheets of the plant?
15. What are the requirement of utilities and overheads for setting up the plant?

16. What is the Built up Area Requirement and cost for setting up the plant?

17. What are the Personnel (Manpower) Requirements for setting up the plant?

18. What are Statistics of Import & Export for the Industry?

19. What is the time required to break-even?
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• The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the project.

• The report provides vital information on the product like it’s characteristics and segmentation.

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Economic feasibility study of the Project

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- Activated Carbon & Activated Charcoal
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- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling
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- Biodegradable & Bioplastic Based Projects
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- Cereal Processing
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- Coal & Coal Byproduct
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- Herbal Based Projects
- Inks, Stationery And Export Industries
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- Textile Auxiliary And Chemicals
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