

# **Ginger Cultivation, Ginger Processing and Ginger Value Added Products**

**Ginger Oil, Ginger Glazing & Preservation, Extraction Of Oil (Jeera, Ajwain, Ginger, Cardamom Oil), Ginger Powder, Spice Oil Or Oleoresins, Dry Ginger From Green Ginger, Ginger Glazing & Preservation, Spice Oleoresin (Ginger), Ginger Processing (Peeling, Drying, Grinding, Bleaching Of Ginger), Ginger Cultivation & Storage, Ginger Oil (Super Critical Co2 Process), Ginger Paste In Pouch/Black Container, Ginger & Garlic Composite Plant (Flake, Powder & Oil), Ginger Products (Ginger Paste, Powder & Oil), Ginger Storage, Washing Of Ginger, Cultivation & Super Critical Oil Extraction Of Chilli, Ginger & Large Cardamom, Instant Ginger Powder Drink, Turmeric & Ginger Oil**

**Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis**



# Introduction

**Ginger is very important commercial crop grown for its aromatic rhizomes which is used both as a spices and medicine. Ginger is valued for the dried ginger spice and preserved, crystallised ginger. Ginger is a perennial plant but is usually grown as an annual for harvesting as a spice. Ginger is best grown in partial shade and can be incorporate as an intercrop in coconut, coffee and orange plantations.**

**Ginger possesses a warm pungent taste and a pleasant odor, hence it has a wide use as a flavoring in numerous food preparation, beverages, ginger bread, soups, pickles and many soft drinks. There are two general types of ginger viz. fresh green ginger used for the preparation of candied ginger (in sugar syrup) and dried or cured ginger applied in the spice trade, for extracts, oleoresins and for the distillation of its volatile oil.**



**Several cultivars of ginger are grown in different ginger growing areas as in India and they are generally named after the localities where they are grown. Some of the prominent indigenous cultivars are Maran, Kuruppampadi, Ernad, Wayanad, Himachal and Nadia. The exotic cultivar 'Rio-de-Janeiro' have also become very popular among cultivators.**

**Ginger is one of the excellent spice crops cultivated in Asia and India accounts for 40% of the world's ginger production. Ginger root has high demand in national and international markets due to its excellent uses and benefits. Farmers can make gold out of it. It belongs to the Zingiberaceae family, and is closely related to turmeric, cardamom and galangal. At the local market, households go for ginger because of its health benefits.**

- While ginger helps common illnesses, its positive effect on more serious health conditions cannot be disregarded.
- Ginger has been used as a digestive aid for thousands of years by ancient cultures. Its carminative properties promote the elimination of intestinal gas to prevent bloating and flatulence, while its intestinal spasmolytic properties relax the gastrointestinal muscles to soothe an upset stomach.
- Ginger contains chromium, magnesium and zinc which can help to improve blood flow, as well as help prevent chills, fever, and excessive sweat.
- Fungal infection one of the trickier issues to control because they're increasingly resistant to conventional medicine, fungal infections don't stand a chance against ginger.

**An increasing demand for ginger in India coupled with a drop in domestic production is resulting in India becoming a net importer. India is the world's largest producer and consumer of ginger. Ginger can be processed into a wide variety of products. Many products can be manufactured from ginger like dehydrated ginger, ginger candy, ginger powder, ginger oil and oleoresins and so on. Ginger is an important commercial crop with versatile applications. As a condiment, ginger is used for flavoring many food products like tomato sauce or ketchup, salad dressings, meat sausages, gravies, pickles, curry dishes and so on.**

**In the food industry, its powdered form is widely used as a condiment/flavoring agent in salad dressings, tomato ketchup and sauce, pickles, gravies, meat sausages, curry dishes, etc.**

**It can be used as pharmaceuticals for the production of herbal medicines in the treatment of cold fever. Ginger powder is also used for fragrance in soaps and cosmetics. Ginger oil obtained by the steam distillation of the dried ginger is mainly used in the flavoring of beverages, confectionery and perfumes. Powder ginger has very good domestic as well as export market.**

**There is a large market for both fresh and dried ginger. Ginger oil is obtained from the root of the herb *Zingiber officinale*. The peculiar hot taste and pungent taste of ginger can be attributed to the presence of an acrid compound called gingerol. The demand of ginger oil is ever increasing. It has good export and domestic demand. New entrepreneurs can well ventured in to this field. The demand is expected to reach at 4,212 tonnes by the year 2022.**

Niir Project Consultancy Services (NPCS)  
can provide Detailed Project Report on required Project.

***For more details, Click on below link***

**Ginger Cultivation, Ginger Processing and Ginger Value  
Added Products**

***Ginger Cultivation & Storage:*** *Ginger is mentioned in the early literature of China and India as a spice. Thus it is one of the earliest of known spices. It is also used for medicinal purpose. Mainly it is used as spice and manufacturing of suit and oil... ..Read more*



**Ginger Oil:** The main application of the ginger oil is in confectionery, beverages, and baked products. The demand of ginger oil is ever increasing whether as beverages in its own right or as a complement to alcoholic drinks such as whisky or rum is estimated to have good increase... .. [Read more](#)

**Dry Ginger To Green Ginger:** Ginger is consumed all over the world, particularly in tropical and warm countries. Ginger tea is regarded as a carminative to exes an ailing stomach and is used for this purpose through out the world. Ginger is used for producing ginger oil and oleoresin... .. [Read more](#)

**Glazing & Preservation of Ginger:** Preserved ginger in its crystalline form is used as a sweetmeat when preserved in syrup. It is mainly used as a dessert in its own right although it is also some time incorporated in such products as cakes, fruits salads, yoghurt for ice cream... ..[Read more](#)

**Ginger Powder:** Powder ginger has very good domestic as well as export market. It can be used as pharmaceuticals for the production of herbal medicines in the treatment of cold fever. It can be used as additive for the food supplement... ..[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?**

- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**

# Reasons for buying our report:

- **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**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**



- **The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

# Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

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# ***NIIR PROJECT CONSULTANCY SERVICES***

**An ISO 9001:2008 Company**



# Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



*We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.*



*We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.*



## What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Market Research Reports*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

## How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

# Our Approach



# Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

# Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*



- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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