

New Business Opportunities for Entrepreneur



Projects Covered in this Issue

- Rickshaw/Cycle Tyre & Tubes
- Cashew Nut Processing
- Rice Flakes from Broken Rice (used in Beer Industry)
- Edible Corn Oil
- Pesticides
- Copier Paper (A4 Size)
- Pharmacy College
- Mango Juice with Aseptic & PET Bottle Packaging
- Poultry Farming
- Zarda of Various Grades
- Banana Wafers
- Water Treatment Chemicals (R.O., Boiler and Cooling Tower)

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- **Aluminium Beverage Cans**
- **Dall Mill of Yellow Peas / Chana & Lentil**
- **Plastic Injection Moulded Products (Buckets, Tumblers, Tubs & Toilet Bowl Cleaning Brush)**
- **High Pure Dissolved Acetylene Gas**
- **Fiber Optical Cables**

RICKSHAW/CYCLE TYRE & TUBES

- Bicycle and rickshaw tyres & tubes are the backbone of the bicycle and rickshaw. There are few numbers of organized manufacturing companies which are engaged in the quality grade cycles tyres and tubes and few unorganized private companies also engaged to manufacture bicycle/rickshaw tyres.
- The Indian bicycle industry over the years has introduced a variety of new models of bicycles, viz, sports and high-tech models, both for domestic and export market. Ludhiana in Punjab is popularly known as the bicycle capital of the country, accounting for as much as 80 per cent of the bicycles and bicycle parts manufactured in India. Kanpur, Mumbai, Sonapat (Haryana), Chennai and Kolkata are the other important production centres for manufacture of bicycles and bicycle parts. To be sure, with over 10 million cycles being sold in the country last year, India is one of the largest markets for cycles the world ever.

CASHEW NUT PROCESSING

- Cashew (Botanical name *Anacardium Occidentale*) was introduced in India by the Portuguese four centuries ago mainly to prevent soil erosion. The cashew adapts to various types of soils and climatic conditions and is hardy and draught resistant tree.
- India is the largest producer, consumer and exporter of cashew nut. It ranks 2nd among horticultural commodities contributing 1.5 per cent of the total export earning of the country. Cashew cultivation in India confines mainly to the peninsular areas. It is grown in Kerala, Karnataka, Goa and Maharashtra along the West Coast, and Tamil Nadu, Andhra Pradesh, Orissa and West Bengal along the East Coast to a limited extent Madhya Pradesh, Manipur, Meghalaya and Tripura also share its cultivation and production.
- Indian cashew industry is characterized by a marked cultural dualism between small-scale growers and corporate sectors. Cashew is cultivated in India over an area of 0.77 million ha.

RICE FLAKES FROM BROKEN RICE (USED IN BEER INDUSTRY)

Rice flakes are tasty flakes that are created using rice grains. The process for creating rice flakes involves parboiling the rice, then flattening the grains to produce a solid flake. There are a number of rice flake recipes used in Asian cuisine. Often in western countries, rice flakes are used to create cereals and different types of snacks.

Rice flake is used in Beer industry. Rice Flakes or Poha (also called beaten rice) is a de-husked rice which is flattened into flat light dry flakes. These flakes of rice swell when added to liquid, whether hot or cold, as they absorb water, milk or any other liquids. The thicknesses of these flakes vary between almost translucently thin (the more expensive varieties) to nearly four times thicker than a normal rice grain. This easily digestible form of raw rice is very popular across Nepal, India and Bangladesh, and is normally used to prepare snacks or light and easy fast food in a variety of Indian cuisine styles, some even for long-term consumption of a week or more. It is known by a variety of names in India.

EDIBLE CORN OIL

- Edible corn oil is manufactured from maize, wheat and other corns beaving oil by solvent extraction process. Corn generally contains 3-6% oil in its total constituents. There are several stages required for the production of refined corn oil. In India there are few manufacturers of corn oil even it can be told there is no manufacturer. There is well oil technologist available in India who can supply the proper technology of corn oil extraction. There is environmental pollution problem arise which can be solved by proper treatment. There is about 35% vegetable oil imported in our country, which is fulfilled by importing of vegetable oils.
- Corn oil has the important attributes of flavour, color, stability, retained clarity at refrigerator temperatures, polyunsaturated fatty acid composition, and vitamin E content; these qualities make it a premium vegetable oil. The major uses are frying or salad applications and margarine formulations. Other industrial uses for corn oil include soap, salve, paint, rust proofing for metal surfaces, inks, textiles, and insecticides.

PESTICIDES

- Pesticides are substances meant for attracting, seducing, destroying or mitigating any pest. They are a class of biocide. The most common use of pesticides is as plant protection products (also known as crop protection products), which in general protect plants from damaging influences such as weeds, diseases or insects.
- A pesticide is a chemical or biological agent (such as a virus, bacterium, antimicrobial, or disinfectant) that through its effect deters, incapacitates, kills, or otherwise discourages pests. Target pests can include insects, plant pathogens, weeds, mollusks, birds, mammals, fish, nematodes (roundworms), and microbes that destroy property, cause nuisance, or spread disease, or are vectors for disease. Although there are benefits to the use of pesticides, some also have drawbacks, such as potential toxicity to humans and other animals.

COPIER PAPER (A4 SIZE)

- Paper is one of the most important and widely used consumer materials with an endless ability to be transformed. It is writing paper, paper used for printing. Paper may be classified into seven categories:
- Printing papers of wide variety.
- Wrapping papers for the protection of goods and merchandise. This includes wax and kraft papers.
- Writing paper suitable for stationery requirements. This includes ledger, bank, and bond paper.
- The A series paper sizes are now in common use throughout the world apart from in the US, Canada and parts of Mexico. The A4 size has become the standard business letter size in English speaking countries such as Australia, New Zealand and the UK, that formerly used British Imperial sizes. In Europe the A paper sizes were adopted as the formal standard in the mid 20th century and from there they spread across the globe.

PHARMACY COLLEGE

- The Pharmacist is a key component of healthcare and manages the human resource to support the growth. Pharmacy involves preparing, mixing, dispensing or compounding drugs, pills, tablets, ointments or injections. It is related to production of pharmaceutical products and development of quality control processes.
- During the past few years, the pharmacy profession has expanded significantly in terms of professional services delivery and now has been recognized as an important profession in the multidisciplinary provision of health care.
- With India becoming a member of WTO, Pharmaceutical education has also become globalised. Pharmaceutical degree holders are getting outsourced from academics & industry and a dearth of pharmacy people particularly in the senior positions is being felt throughout the country. About 60% of the Pharmacy graduates find positions in industry in marketing, production, quality assurance & drugstore management.

MANGO JUICE WITH ASEPTIC & PET BOTTLE PACKAGING



- Fruit juices are health drinks; it is largely used throughout the society and popularity of fruit juices are gradually increasing. There is good scope of export of fresh fruit juices.
- There is no availability of one type of fruits throughout the year, hence it is necessary to take various type of fruit juice processing in the same plant to keep production throughout the year. Waste fruit skin, seeds are used for the production of pectine, oil, seed butter and for the production of bio-organic fertilizer. For making juice palatable it may be used cane sugar, essence, food colours etc.
- The mango is one of the oldest tropical fruits and has been cultivated by man for over 1000 years, originating apparently in Indo-Burma region. To the large population of Asia, particularly Southern Asia and Malaysia, the mango plays the role as the major fruit of the region, much as the apple looms has importance in North America and Europe. The fruit is eaten in its raw, fresh form when ripe.

POULTRY FARMING

- The production of poultry throughout the world is carried out by a highly specialized, efficient poultry industry that has been a leader in trends of scale and industrialization that have taken place in American agriculture over the past half century.
- The broiler industry is a highly integrated industry in which most of the steps in the production process are controlled by a single farm. A hatchery, breeder flocks, feed mill, processing plant, and a number of contract growers served by technical service staff make up a typical integrated broiler company.
- Poultry industry is producing a large quantity of eggs and nutritious meat for the second largest demography in the world of Indian subcontinent. It is making all efforts to develop the overseas market. The growing poultry industry in recent years has been adopted as a subsidiary or a main occupation which means promotion of economic up gradation.

ZARDA OF VARIOUS GRADES

- The tobacco industry is one of the most profitable industries in the world. Tobacco companies use their enormous wealth and influence both locally and globally to market their deadly products. Even as advocacy groups and policy makers work to combat the tobacco industry's influence, new and manipulative tactics are used by tobacco companies and their allies to circumvent tobacco control efforts. It is important for tobacco control advocates to know which companies are present in their country, how and where they operate, the types and quantity of products sold, and marketing tactics used to sell tobacco products.
- Despite being the second largest producer, India is only the ninth largest exporter of tobacco and tobacco products in the world. Out of the total tobacco produced in India, only one-third is flue-cured tobacco suitable for cigarette manufacturing. Most of the tobacco produce is suitable for the manufacture of chewing tobacco, bidis and other cheap tobacco products, which have no demand outside the country.

BANANA WAFERS



- Snack foods have become very popular among all age groups in India and its popularity is growing day by day. A variety of snack foods are presently available at reasonable prices but banana wafers have gained popularity during the past years. Banana Wafers are a popular snack eaten world over. It is high in saturated fat content. They are a tropical snack. These are hot, salty, crunchy fried plantain wafers. It is served as part of a traditional meal in South India. It is very popular in many countries in the tropical belt. It is an alternative to potato and corn wafer. Banana (*Musa* sp.) is the second most important fruit crop in India next to mango.
- The product is commonly used in Hotels, Restaurants, Bars, and House etc. Banana wafers are made from unripe bananas. Wafers are crispy, salty or spicy and Consumers prefer fresh quality. Since they are made from banana, they have nutritious Values as well. The product needs to be packed in transparent polythene bags.

WATER TREATMENT CHEMICALS

(R.O., BOILER AND COOLING TOWER)

- Water is the universal solvent and is invariably used for a wide variety of domestic and industrial purposes. The major industrial uses of water are steam generation, cooling, washing, and conveying of materials etc., Above all, it is the major raw material which will become an ingredient in the finished product. Of the many uses of water, steam production is considered as the most important as it is a means of power generation and of several industrial uses. Steam is used to drive turbines and for heating, and to operate pumps, compressors and reciprocating engines.
- Traditional processes for water treatment will thus consist of a coagulating process including a separation step in the form of flotation and precipitation and sedimentation including a filtering step, and in addition a step of water treatment for corrosion control purposes. Such traditional processes are, however, comprehensive and expensive with respect to processing of lime to so as achieve supply of the lime without leading to operation problems.

ALUMINIUM BEVERAGE CANS

The aluminium beverage can is now the popular choice for carbonated and still soft drinks, mineral waters, beers and lagers. It competes successfully against drinks containers of glass, plastic and steel, and is the only drinks container for which closed loop recycling applies; a used aluminium drinks can is recycled back into aluminium can sheet for the manufacture of another aluminium drinks can.

Aluminium cans are most typical among metal containers. Canned foods are found in great abundance all around us, and include processed fisheries products such as crab, tuna and sardine. Processed fruits, processed agricultural products such as sweet corn and asparagus, and daily products such as corned beef, cheese and butter. More recently, canned soft drink and beer are gaining popularity at a rapid pace in concert with the wide acceptance of automatic vending machine. Aluminium cans provide long-term food quality preservation benefits.

DALL MILL OF YELLOW PEAS / CHANA & LENTIL

- The various pulses are part of the normal diet of all vegetarians and are also used frequently by non-vegetarians too. They are the main sources of protein. The important dalls in the country are Channa Moong, Urad, Moth, tur dall and Masoor, Matar etc. The pulses are used for preparing hot dishes, sweet dishes and other varieties. There are over 1000 units at present engaged in processing of various pulses in different parts of the country, but most these mills are based on obsolete type technology resulting invariably in high production losses.
- Pulses being the most common diet part of Indian families, need to be given the due importance in the form of production of pulse grains in the farms is also likely to see a break through. A pulse grain is made of two parts covered under a continuous encloser called husk or peels. Cleanly removing the peels and splitting the pulse grains infact two pieces is the most desired form of dall to be cooked for the families.

PLASTIC INJECTION MOULDED PRODUCTS (BUCKETS, TUMBLERS, TUBS & TOILET BOWL CLEANING BRUSH)

- Injection molding is the most versatile process for the manufacture of plastic products with various shapes, sizes, and dimensions. It continues to be the process of choice for the production of articles with complex three-dimensional (3-D) shapes. Injection molding has been used to produce articles based on composites, foams, rubber and thermosets, in addition to thermoplastics. In fact, in recent years, injection molding methods have been used to manufacture metallic and ceramic products. Many innovations have been introduced to improve the efficiency and versatility of the process and products, including gas and water assisted injection molding and micro-injection molding.
- The process of injection moulding can be applied with modifications to thermosetting materials also and differs from transfer moulding in that the plasticizing chamber contains enough material to fill the mould several times.

HIGH PURE DISSOLVED ACETYLENE GAS

- Acetylene (C_2H_2) is known as one of the simplest and most significant chemical in the acetylene series. A compound of carbon and hydrogen, acetylene is a colorless, highly flammable gas that dissociates at normal to low pressures and needs to be stored in high-pressure tanks containing some porous material and acetone. It has active chemical property; it is easy to polymerize, synthesize and cause chemical reactions.
- Acetylene is the most common gas used for fueling cutting torches in both general industry and the mining industry. When mixed with pure oxygen in a cutting torch assembly, an acetylene flame can theoretically reach over $5700^{\circ}F$. Users of this type of equipment are generally familiar with the fire hazards associated hot flames and the production of hot slag. However, many users may not be aware of the unique characteristics of acetylene itself that create special hazards compared to other fuel gases.

FIBER OPTICAL CABLES

- An optical fiber (or optical fibre) is a flexible, transparent fiber made of extruded glass (silica) or plastic, slightly thicker than a human hair. It can function as a waveguide, or “light pipe”, to transmit light between the two ends of the fiber. Power over Fiber (PoF) optic cables can also work to deliver an electric current for low-power electric devices. The field of applied science and engineering concerned with the design and application of optical fibers is known as fiber optics.
- Fiber-optic communications is based on the principle that light in a glass medium can carry more information over longer distances than electrical signals can carry in a copper or coaxial medium or radio frequencies through a wireless medium. The purity of today’s glass fiber, combined with improved system electronics, enables fiber to transmit digitized light signals hundreds of kilometers without amplification. With few transmission losses, low interference, and high bandwidth potential, optical fiber is an almost ideal transmission medium.

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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

WHAT DO WE OFFER?

- ◉ Project Identification
- ◉ Detailed Project Reports/Pre-feasibility Reports
- ◉ Market Research Reports
- ◉ Technology Books and Directory
- ◉ 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

Requirement collection



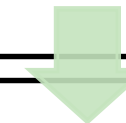
Thorough analysis of the project



Economic feasibility study of the Project



Market potential survey/research



Report Compilation

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

SECTORS WE COVER *CONT...*

- ◉ 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

SECTORS WE COVER *CONT...*

- ◉ 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

SECTORS WE COVER *CONT...*

- ◉ 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

SECTORS WE COVER *CONT...*

- ◉ 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.

SECTORS WE COVER *CONT...*

- ⦿ 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.

SECTORS WE COVER *CONT...*

- ◉ 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

SECTORS WE COVER *CONT...*

- ◉ 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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